

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078896.D
 Acq On : 16 Aug 2023 12:27
 Operator : JC\MD
 Sample : VN0816WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Quant Time: Aug 17 01:14:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/17/2023
 Supervised By : Mahesh Dadoda 08/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	150363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	245357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128046	54.726	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.460%			
35) Dibromofluoromethane	8.171	113	97799	54.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.620%			
50) Toluene-d8	10.571	98	364737	55.048	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.100%			
62) 4-Bromofluorobenzene	12.853	95	114864	53.037	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37346	17.900	ug/l	94
3) Chloromethane	2.365	50	50935	17.486	ug/l	97
4) Vinyl Chloride	2.512	62	48612	19.029	ug/l	98
5) Bromomethane	2.948	94	29243	19.938	ug/l	93
6) Chloroethane	3.112	64	34042	19.062	ug/l	99
7) Trichlorofluoromethane	3.501	101	59202	19.027	ug/l	93
8) Diethyl Ether	3.971	74	22701	19.245	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	32622	19.685	ug/l	98
10) Methyl Iodide	4.595	142	33955	18.313	ug/l	96
11) Tert butyl alcohol	5.530	59	38316	97.591	ug/l	98
12) 1,1-Dichloroethene	4.336	96	29753	18.431	ug/l #	84
13) Acrolein	4.189	56	23657	100.064	ug/l	95
14) Allyl chloride	5.024	41	53933	16.787	ug/l #	89
15) Acrylonitrile	5.724	53	108568	102.073	ug/l	99
16) Acetone	4.436	43	92898	96.225	ug/l	89
17) Carbon Disulfide	4.718	76	79740	17.647	ug/l #	94
18) Methyl Acetate	5.036	43	80795	19.810	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	117948	20.284	ug/l	100
20) Methylene Chloride	5.277	84	39719	19.306	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	35594	19.663	ug/l	90
22) Diisopropyl ether	6.677	45	137638	20.250	ug/l #	92
23) Vinyl Acetate	6.606	43	425190	95.008	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	72209	19.447	ug/l	98
25) 2-Butanone	7.494	43	149924	96.860	ug/l #	74
26) 2,2-Dichloropropane	7.494	77	52447	17.474	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	40855	18.569	ug/l	83
28) Bromochloromethane	7.818	49	42088	21.368	ug/l #	70
29) Tetrahydrofuran	7.847	42	100170	97.774	ug/l #	71
30) Chloroform	7.971	83	73458	19.802	ug/l	95
31) Cyclohexane	8.259	56	56888	17.794	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	60830	19.232	ug/l	94
36) 1,1-Dichloropropene	8.377	75	50950	18.981	ug/l	98
37) Ethyl Acetate	7.571	43	66593	22.173	ug/l #	87
38) Carbon Tetrachloride	8.365	117	52494	19.517	ug/l	91
39) Methylcyclohexane	9.606	83	44768	18.134	ug/l #	79
40) Benzene	8.612	78	158324	19.955	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	32939	20.137	ug/l #	80
42) 1,2-Dichloroethane	8.683	62	62276	21.009	ug/l	99
43) Isopropyl Acetate	8.694	43	100806	18.990	ug/l #	87
44) Trichloroethene	9.359	130	36116	19.157	ug/l	92
45) 1,2-Dichloropropane	9.630	63	43026	20.368	ug/l	94
46) Dibromomethane	9.712	93	29429	20.311	ug/l	97
47) Bromodichloromethane	9.894	83	60020	20.978	ug/l	98
48) Methyl methacrylate	9.688	41	46182	19.199	ug/l #	78
49) 1,4-Dioxane	9.700	88	16612	405.442	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	316817	100.628	ug/l	87
52) Toluene	10.635	92	95894	19.686	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	61205	19.948	ug/l	91
54) cis-1,3-Dichloropropene	10.318	75	65555	19.618	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	41270	21.130	ug/l	97
56) Ethyl methacrylate	10.883	69	58487	19.317	ug/l #	75
57) 1,3-Dichloropropane	11.171	76	71673	20.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	152229	104.741	ug/l #	87
59) 2-Hexanone	11.200	43	224627	98.504	ug/l	86
60) Dibromochloromethane	11.365	129	41334	20.110	ug/l	99
61) 1,2-Dibromoethane	11.477	107	39658	19.980	ug/l	99
64) Tetrachloroethene	11.106	164	27165	17.655	ug/l	95
65) Chlorobenzene	11.894	112	101567	19.447	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	37307	18.902	ug/l	96
67) Ethyl Benzene	11.971	91	174522	18.375	ug/l	99
68) m/p-Xylenes	12.071	106	133927	37.715	ug/l	95
69) o-Xylene	12.400	106	65656	19.007	ug/l	95
70) Styrene	12.418	104	106021	18.407	ug/l	97
71) Bromoform	12.582	173	27587	19.225	ug/l #	98
73) Isopropylbenzene	12.700	105	159323	18.875	ug/l	99
74) N-amyl acetate	12.500	43	80236	18.832	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	61147	20.063	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	47882m	19.630	ug/l	
77) Bromobenzene	12.988	156	37981	18.719	ug/l	88
78) n-propylbenzene	13.041	91	190544	19.467	ug/l	96
79) 2-Chlorotoluene	13.129	91	117105	19.287	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	129418	19.347	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17327	18.146	ug/l #	78
82) 4-Chlorotoluene	13.229	91	112375	18.915	ug/l	100
83) tert-Butylbenzene	13.441	119	102727	18.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	128838	19.452	ug/l	99
85) sec-Butylbenzene	13.624	105	142597	18.436	ug/l	100
86) p-Isopropyltoluene	13.735	119	117375	18.994	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	67244	19.260	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	63768	18.248	ug/l	97
89) n-Butylbenzene	14.065	91	91350	17.963	ug/l	99
90) Hexachloroethane	14.335	117	23491	18.964	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	64618	18.611	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10761	18.630	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	19574	15.903	ug/l	94
94) Hexachlorobutadiene	15.512	225	10669	14.815	ug/l	90
95) Naphthalene	15.647	128	59540	14.680	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	20803	15.432	ug/l	95

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ClientSampleId :
VN0816WBSD01

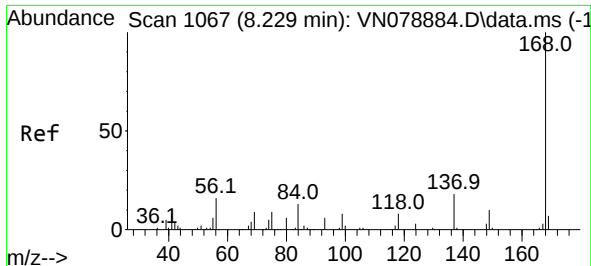
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 01:14:10 2023
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Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

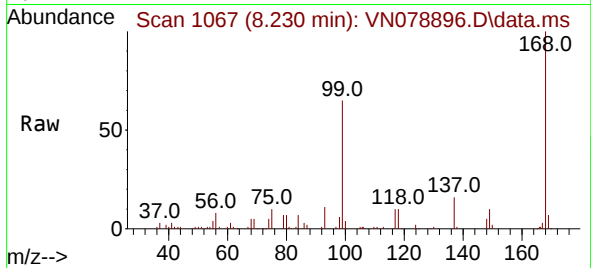
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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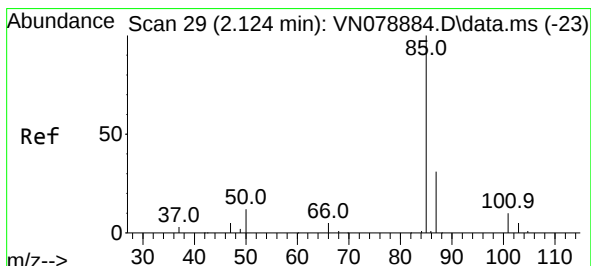
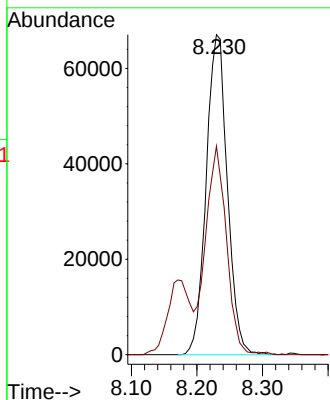
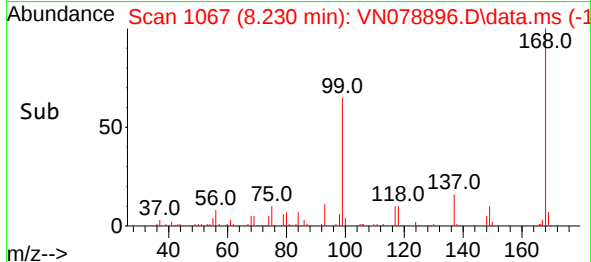
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion:168 Resp: 15036
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6

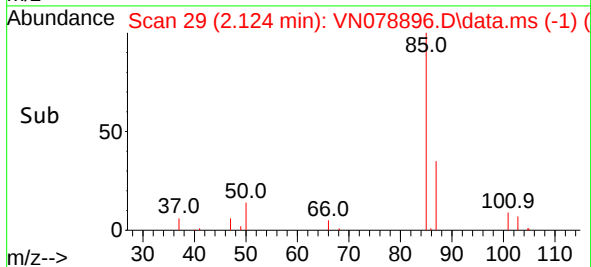
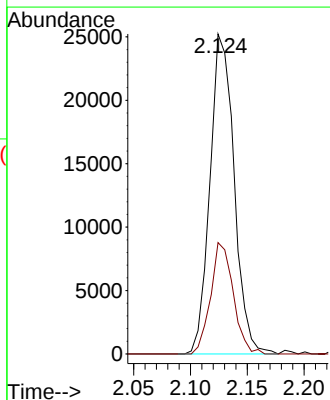
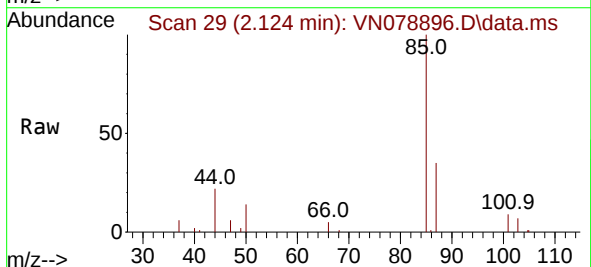
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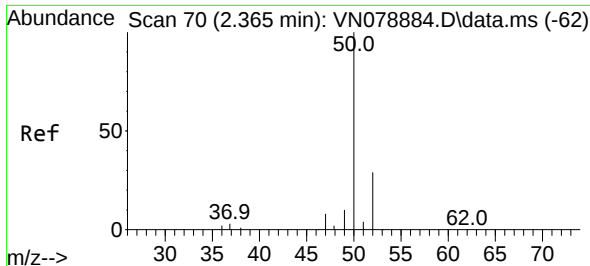
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#2
Dichlorodifluoromethane
Concen: 17.900 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 85 Resp: 37346
Ion Ratio Lower Upper
85 100
87 34.8 15.8 47.4





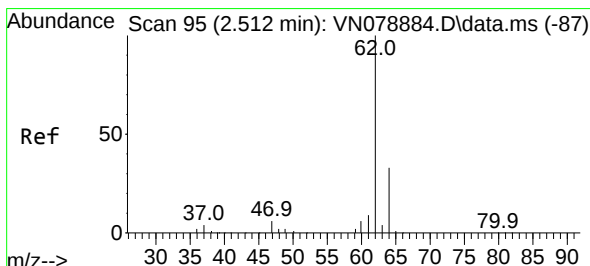
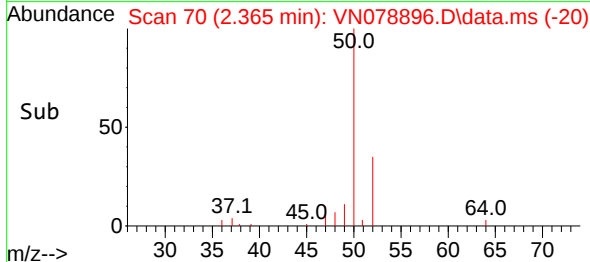
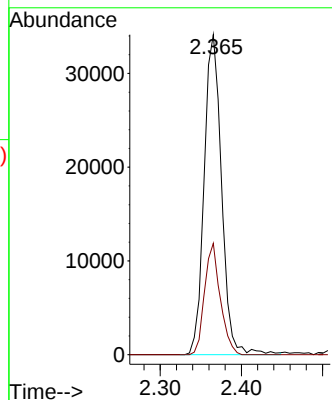
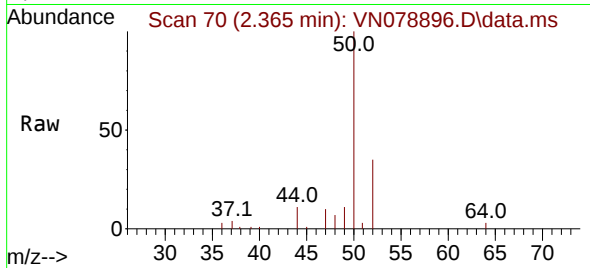
#3
Chloromethane
Concen: 17.486 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

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VN0816WBSD01

Tgt Ion: 50 Resp: 50938
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

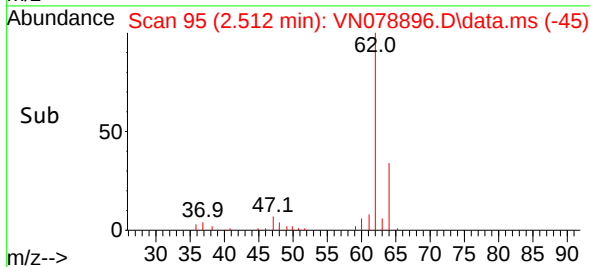
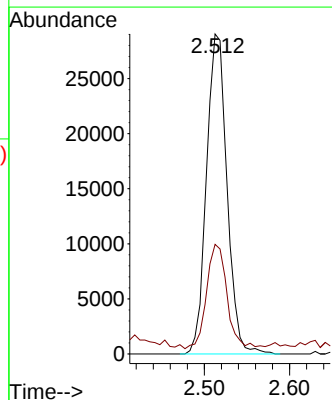
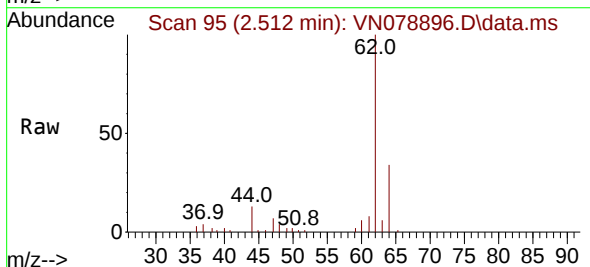
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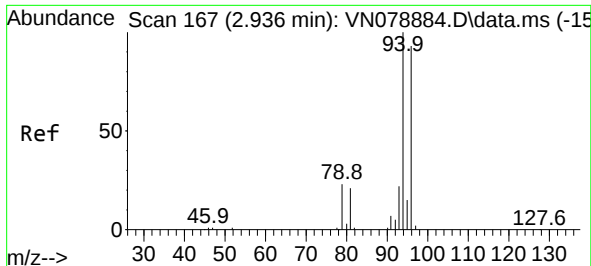
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#4
Vinyl Chloride
Concen: 19.029 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 62 Resp: 48612
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





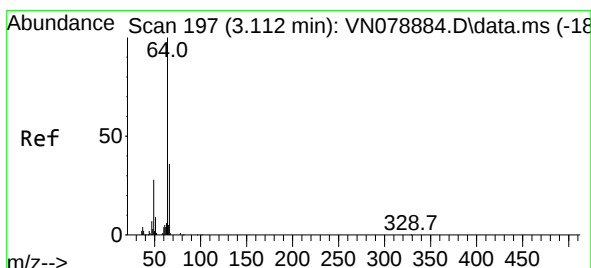
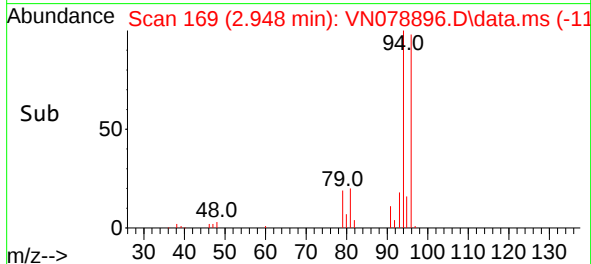
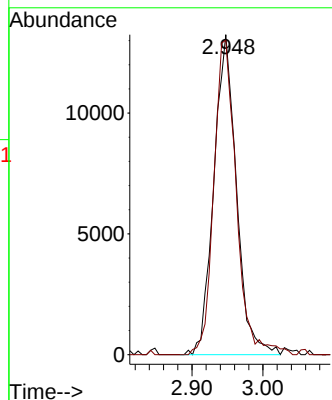
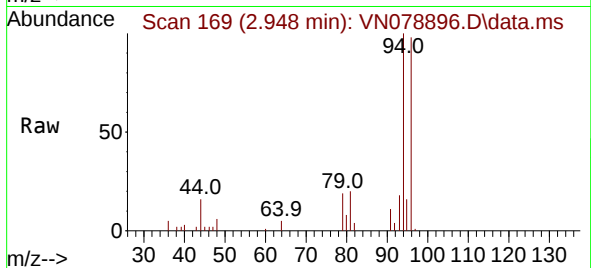
#5
Bromomethane
Concen: 19.938 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2924
Ion Ratio Lower Upper
94 100
96 98.3 73.1 109.7

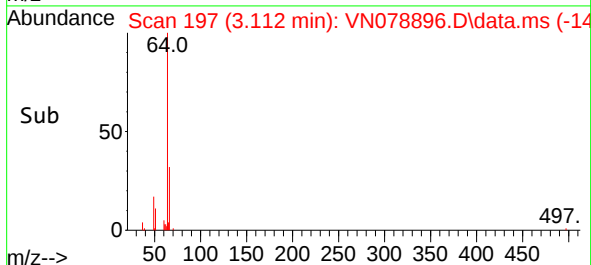
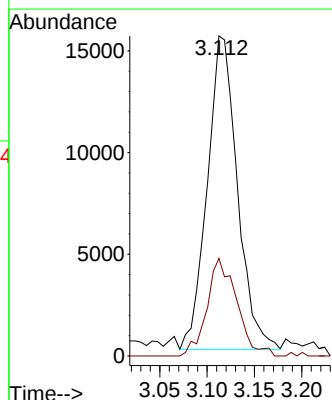
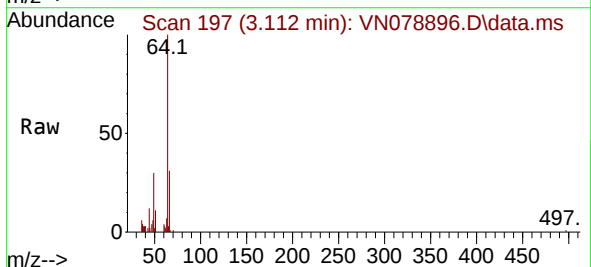
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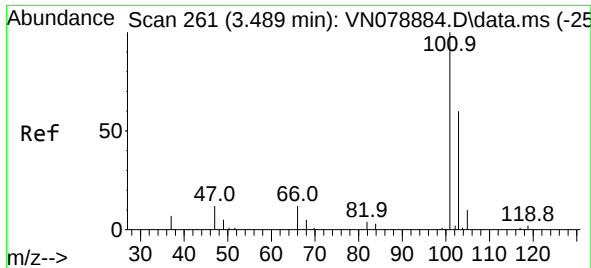
Reviewed By :John Carlone 08/17/2023
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#6
Chloroethane
Concen: 19.062 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

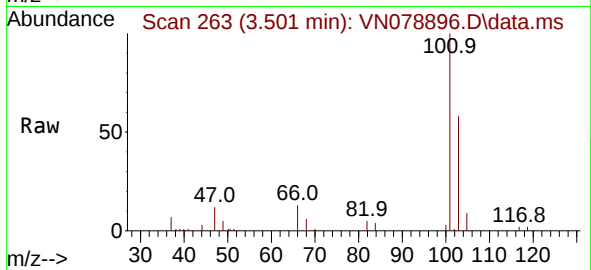
Tgt Ion: 64 Resp: 34042
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.027 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

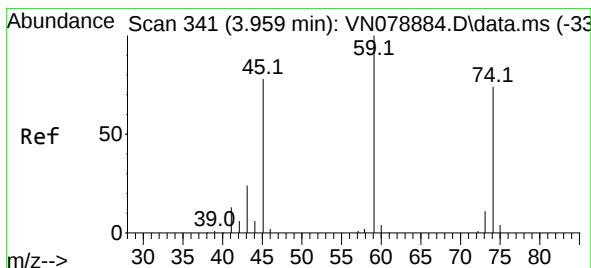
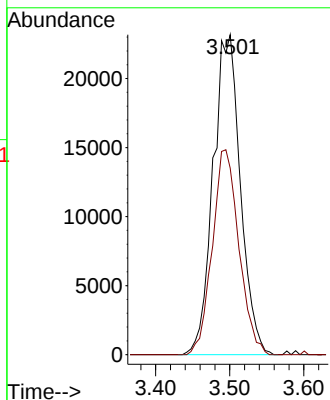
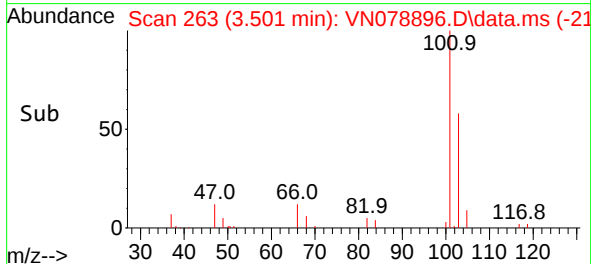
Instrument :
 MSVOA_N
 ClientSampleId :
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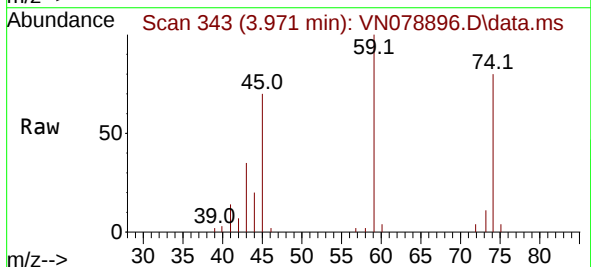
Tgt Ion:101 Resp: 5920
 Ion Ratio Lower Upper
 101 100
 103 58.3 50.7 76.1

Manual Integrations
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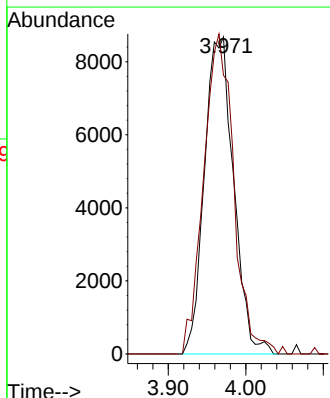
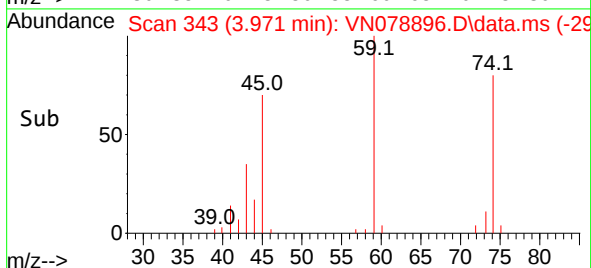
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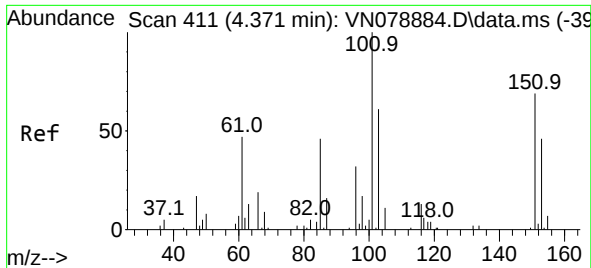


#8
 Diethyl Ether
 Concen: 19.245 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27



Tgt Ion: 74 Resp: 22701
 Ion Ratio Lower Upper
 74 100
 45 104.3 34.4 103.3#





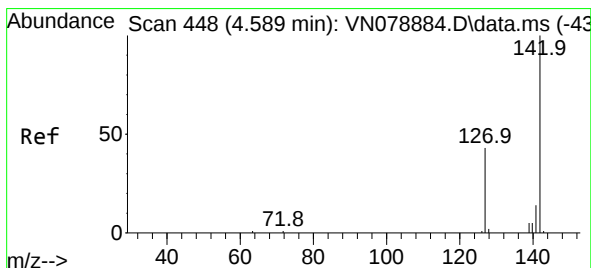
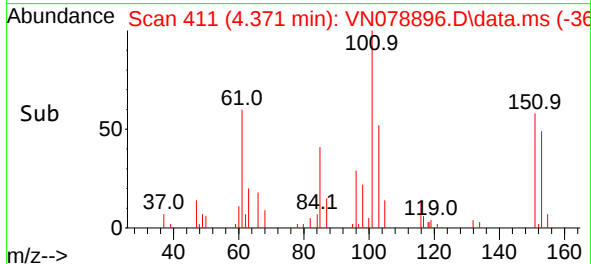
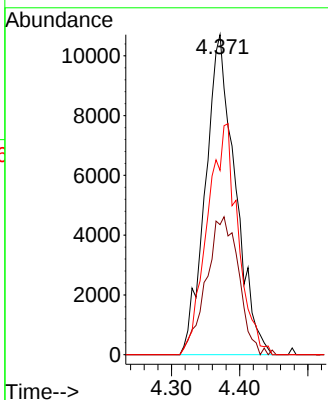
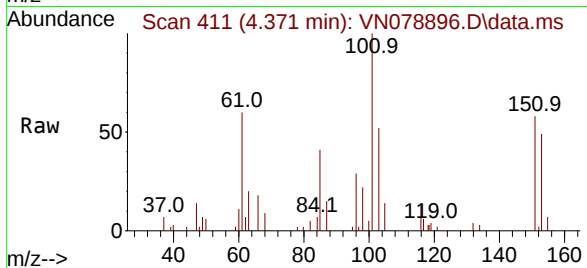
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.685 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion:101 Resp: 3262
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 74.2 57.6 86.4

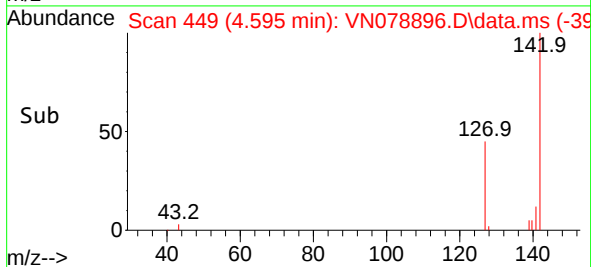
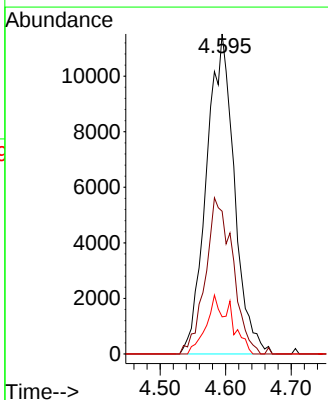
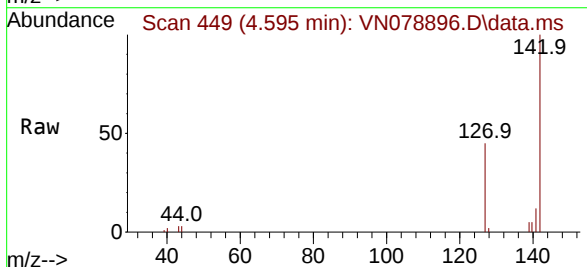
Manual Integrations
APPROVED

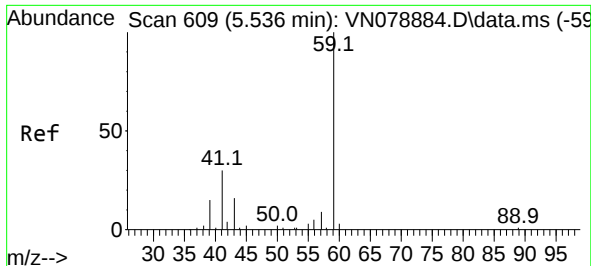
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#10
Methyl Iodide
Concen: 18.313 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:142 Resp: 33955
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 11.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 97.591 ug/l

RT: 5.530 min Scan# 609

Delta R.T. -0.012 min

Lab File: VN078896.D

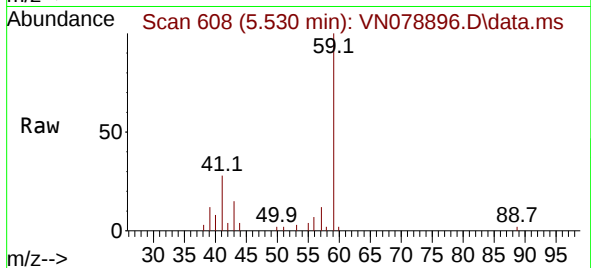
Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01



Tgt Ion: 59 Resp: 38310

Ion Ratio Lower Upper

59 100

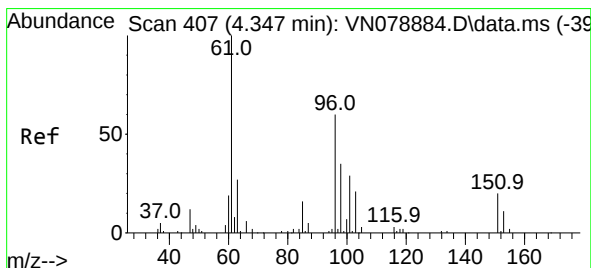
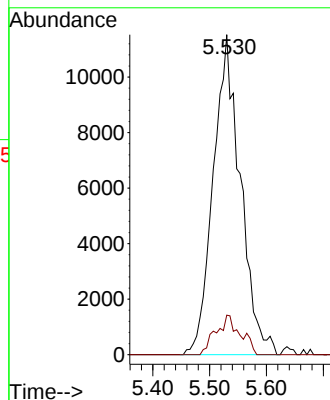
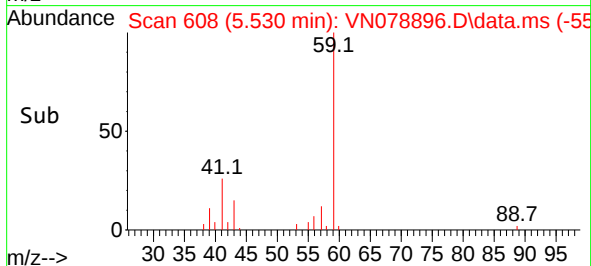
57 11.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#12

1,1-Dichloroethene

Concen: 18.431 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.012 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

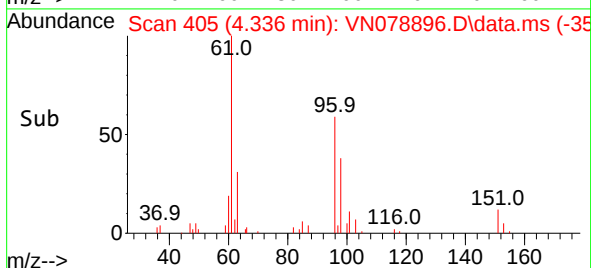
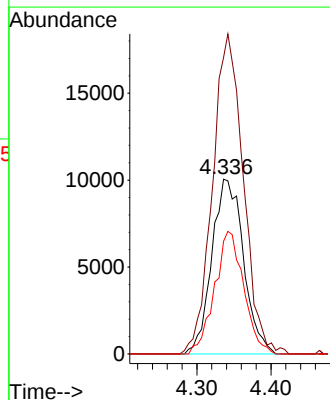
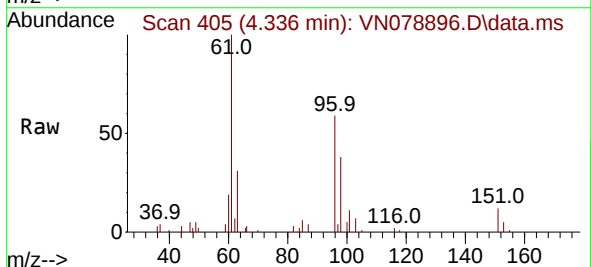
Tgt Ion: 96 Resp: 29753

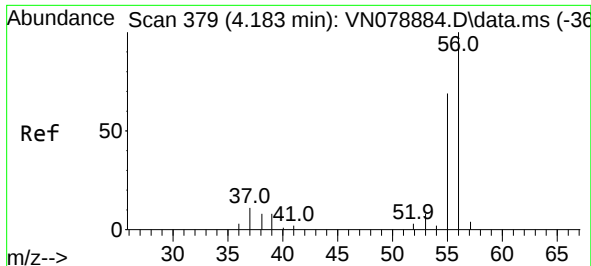
Ion Ratio Lower Upper

96 100

61 169.6 112.7 169.1#

98 64.4 51.2 76.8





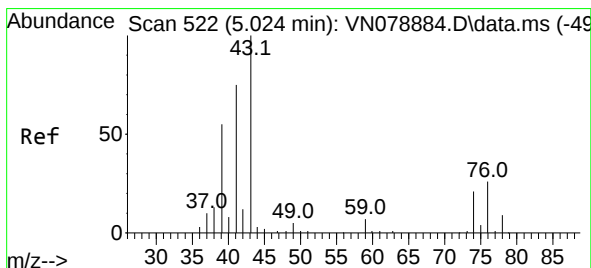
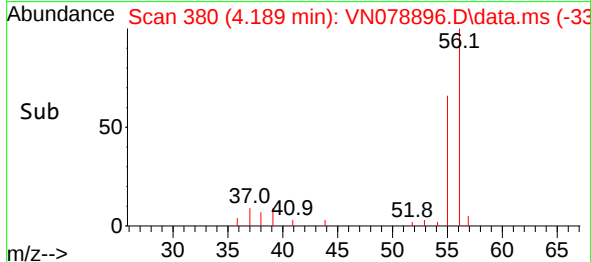
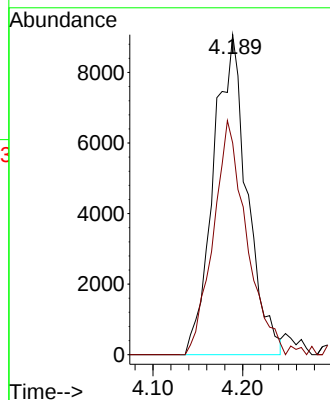
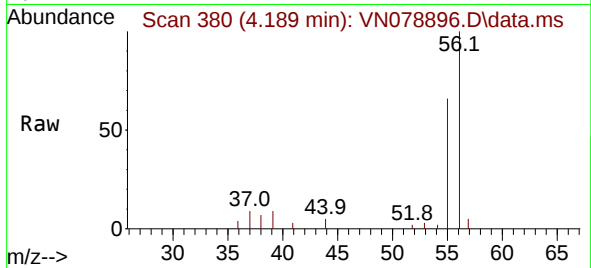
#13
Acrolein
Concen: 100.064 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 56 Resp: 2365
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

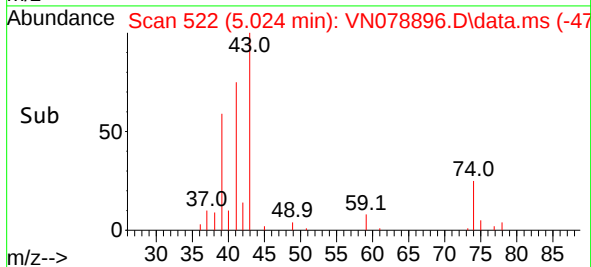
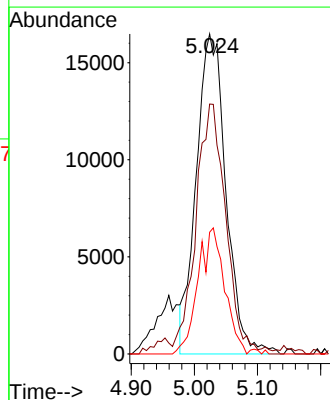
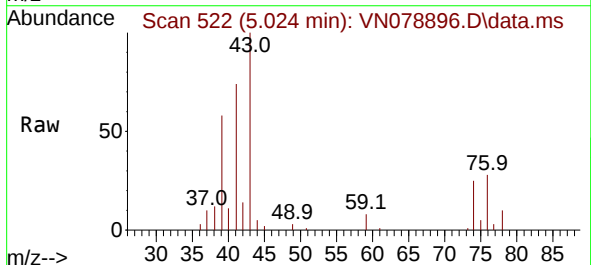
Manual Integrations
APPROVED

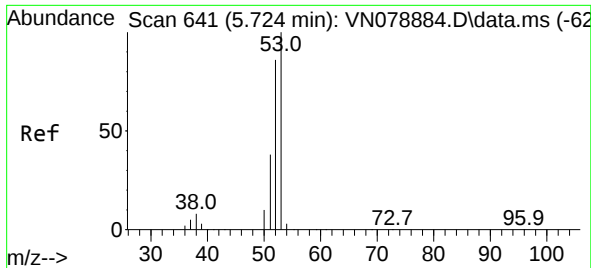
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#14
Allyl chloride
Concen: 16.787 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

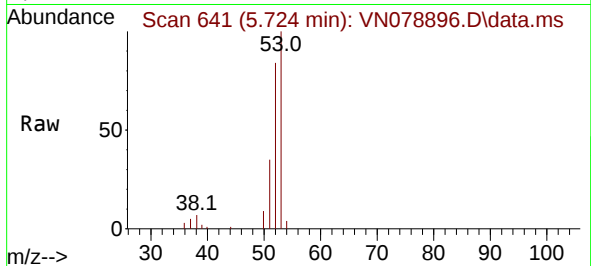
Tgt Ion: 41 Resp: 53933
Ion Ratio Lower Upper
41 100
39 78.1 58.8 88.2
76 35.3 39.1 58.7#





#15
Acrylonitrile
Concen: 102.073 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

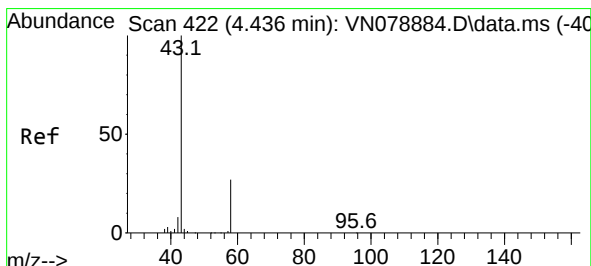
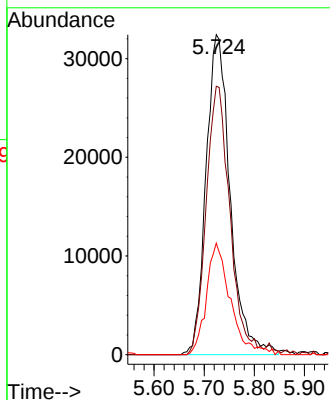
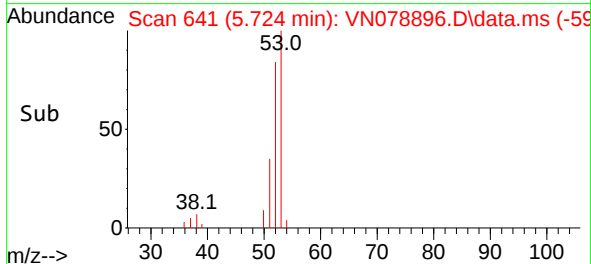
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



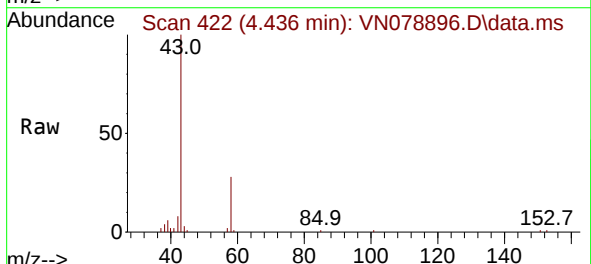
Tgt Ion: 53 Resp: 108568
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 34.7 28.9 43.3

Manual Integrations
APPROVED

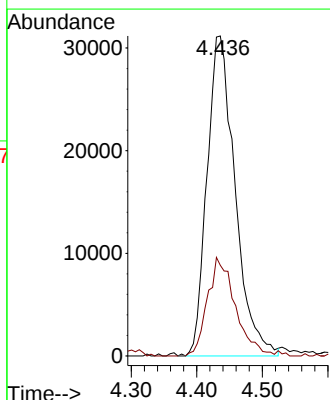
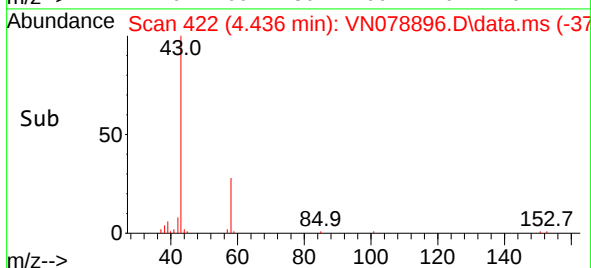
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

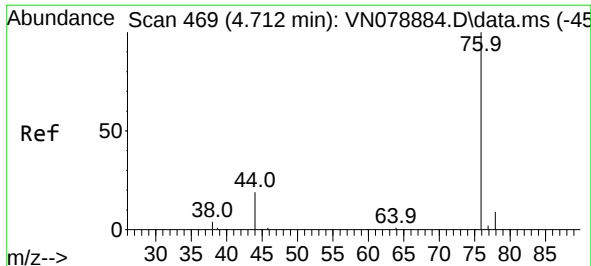


#16
Acetone
Concen: 96.225 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27



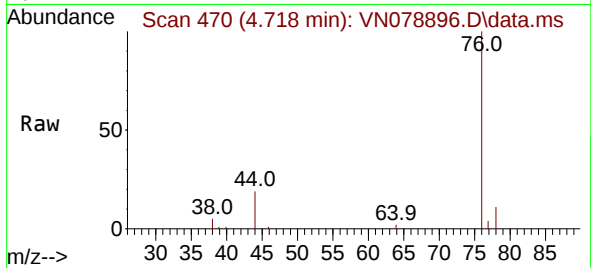
Tgt Ion: 43 Resp: 92898
Ion Ratio Lower Upper
43 100
58 28.4 28.0 42.0





#17
Carbon Disulfide
Concen: 17.647 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

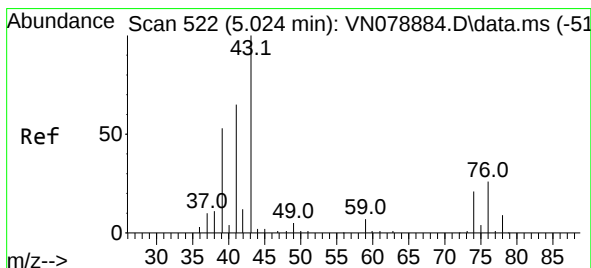
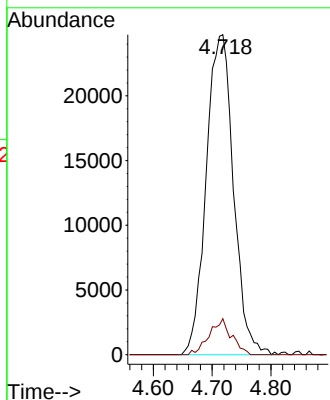
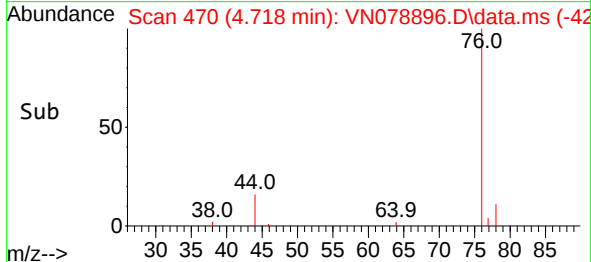
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 76 Resp: 79740
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.0

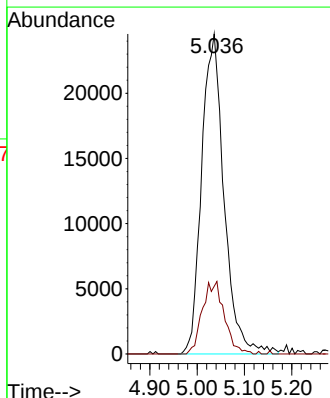
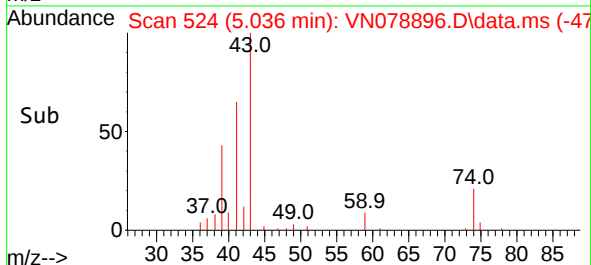
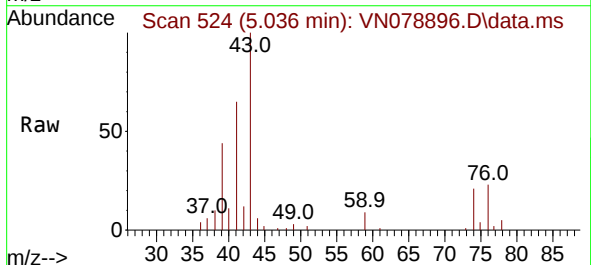
Manual Integrations
APPROVED

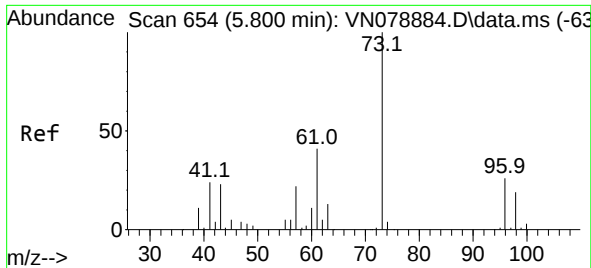
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#18
Methyl Acetate
Concen: 19.810 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 43 Resp: 80795
Ion Ratio Lower Upper
43 100
74 22.3 26.2 39.4





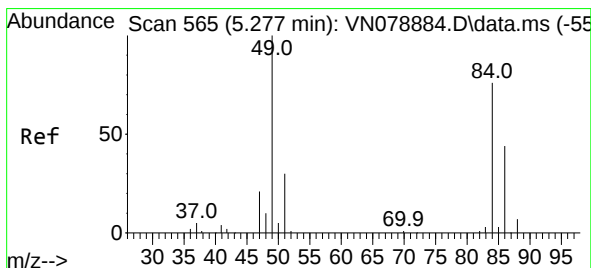
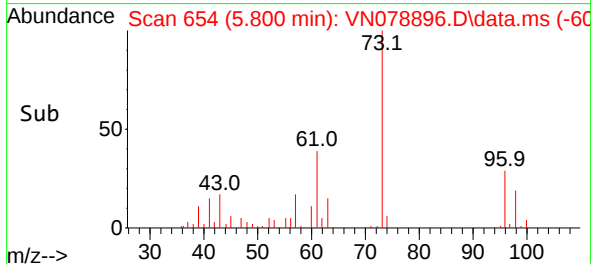
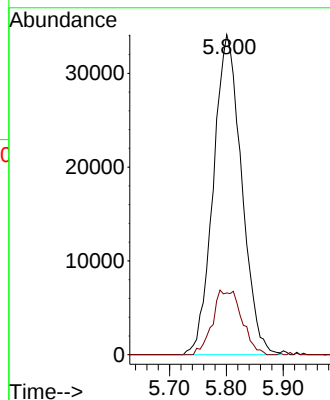
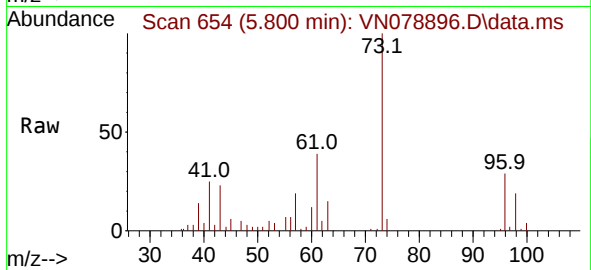
#19
Methyl tert-butyl Ether
Concen: 20.284 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 73 Resp: 117948
Ion Ratio Lower Upper
73 100
57 19.3 15.6 23.4

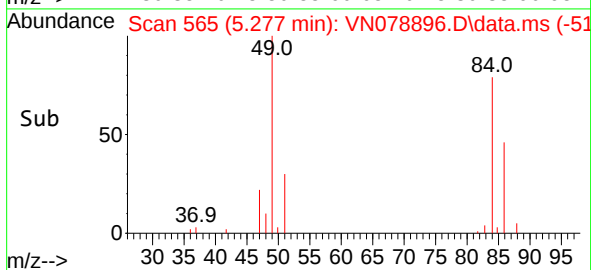
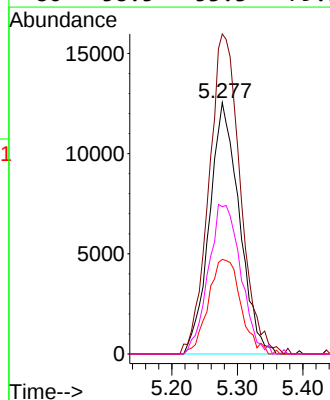
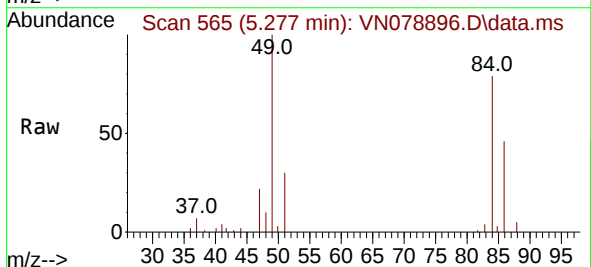
Manual Integrations
APPROVED

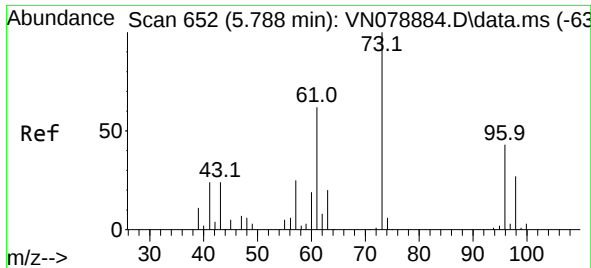
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#20
Methylene Chloride
Concen: 19.306 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

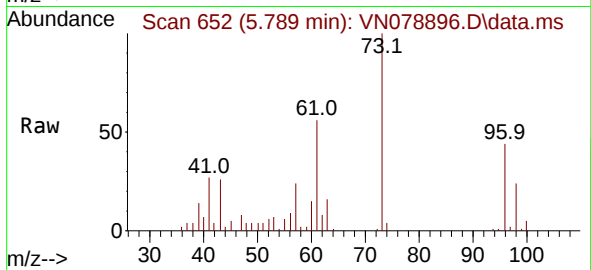
Tgt Ion: 84 Resp: 39719
Ion Ratio Lower Upper
84 100
49 127.3 79.7 119.5#
51 37.6 25.2 37.8
86 58.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.663 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

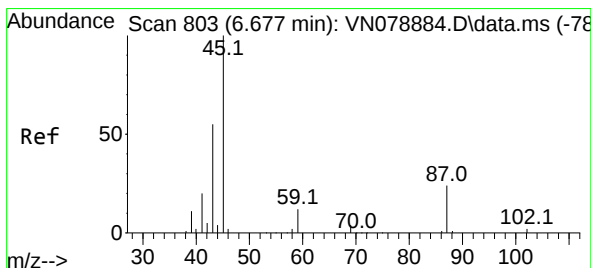
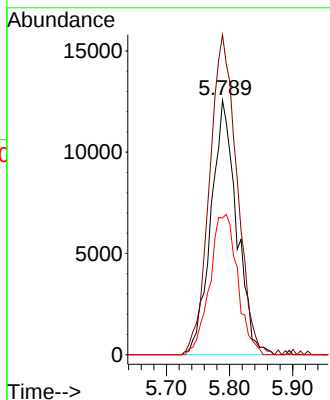
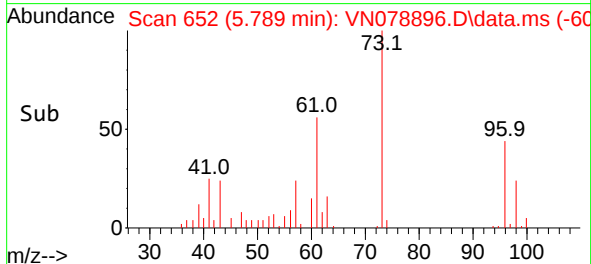
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 96 Resp: 35594
Ion Ratio Lower Upper
96 100
61 125.7 90.1 135.1
98 53.7 46.4 69.6

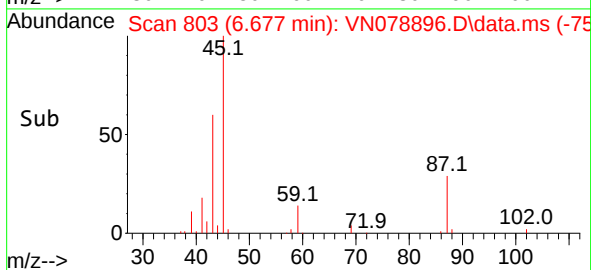
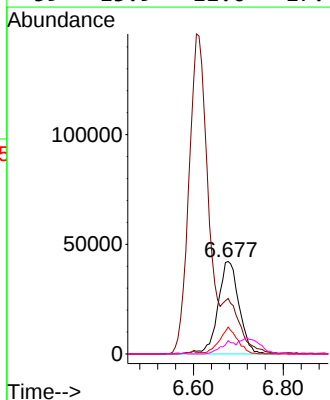
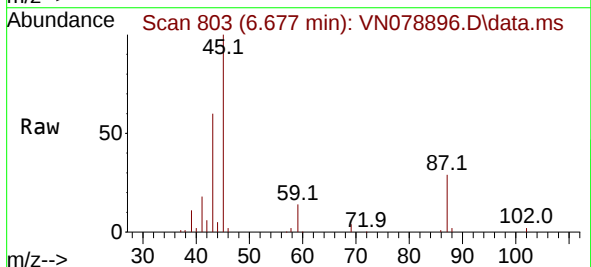
Manual Integrations
APPROVED

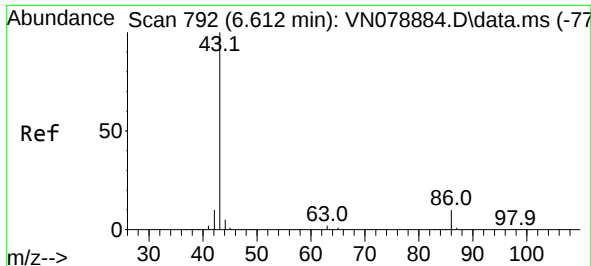
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#22
Diisopropyl ether
Concen: 20.250 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 45 Resp: 137638
Ion Ratio Lower Upper
45 100
43 59.1 45.5 68.3
87 29.0 31.8 47.8#
59 13.9 11.6 17.4





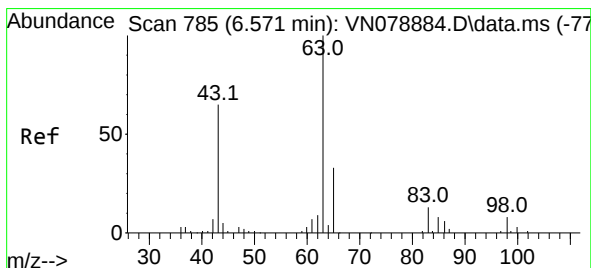
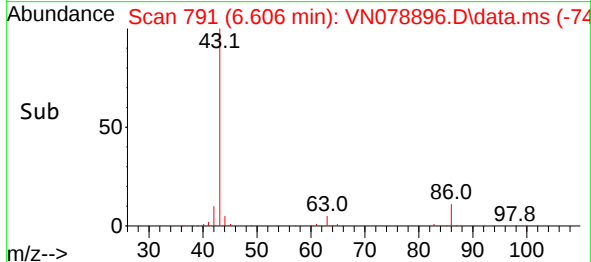
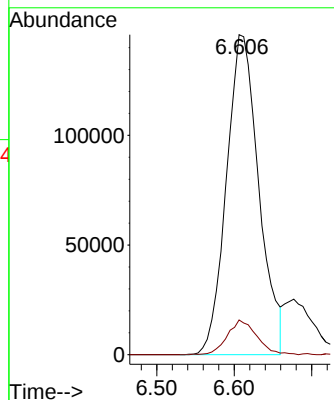
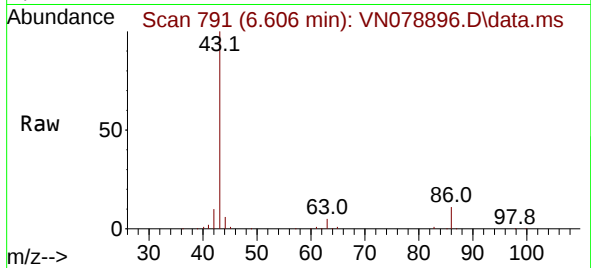
#23
 Vinyl Acetate
 Concen: 95.008 ug/l
 RT: 6.606 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Tgt Ion: 43 Resp: 425190
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6

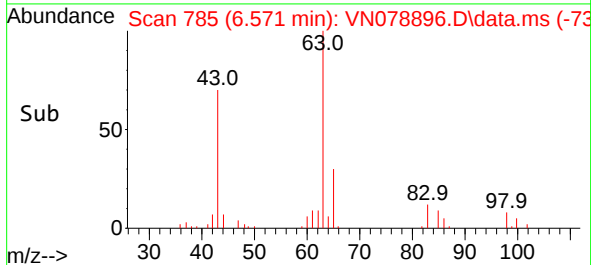
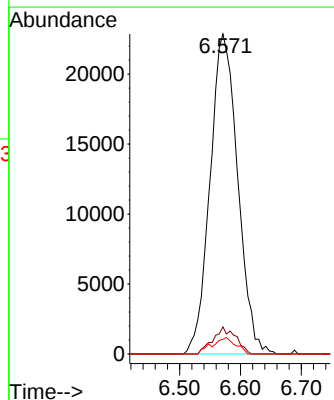
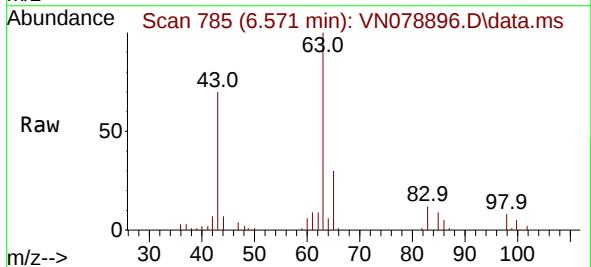
Manual Integrations
 APPROVED

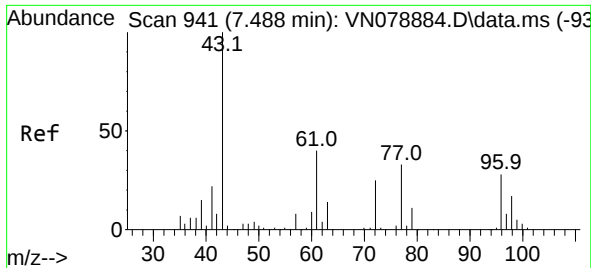
Reviewed By :John Carlone 08/17/2023
 Supervised By :Mahesh Dadoda 08/17/2023



#24
 1,1-Dichloroethane
 Concen: 19.447 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

Tgt Ion: 63 Resp: 72209
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 96.860 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 43 Resp: 149924

Ion Ratio Lower Upper

43 100

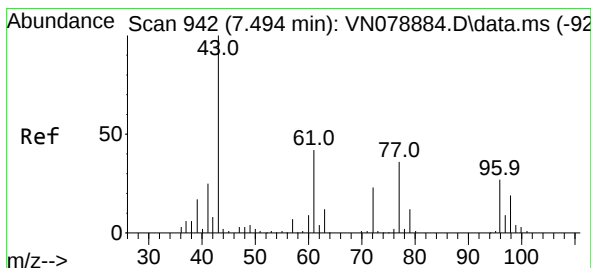
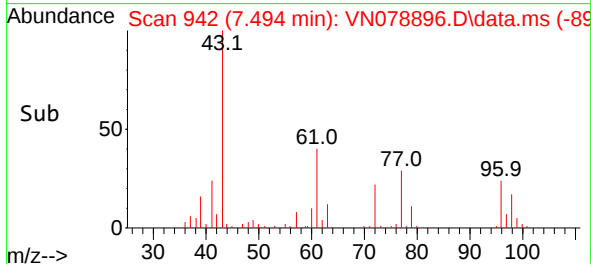
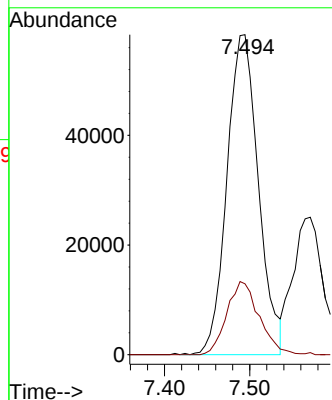
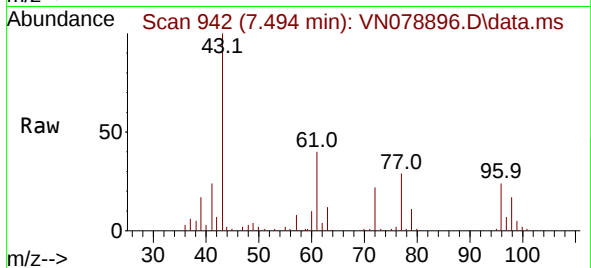
72 22.2 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#26

2,2-Dichloropropane

Concen: 17.474 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078896.D

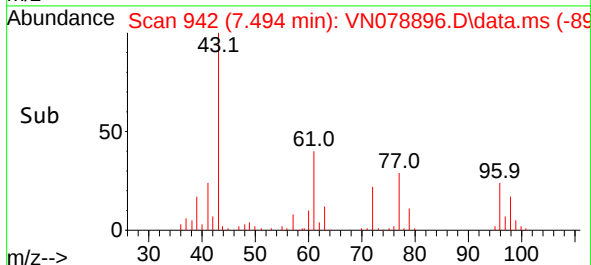
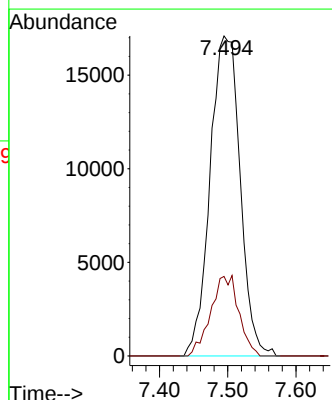
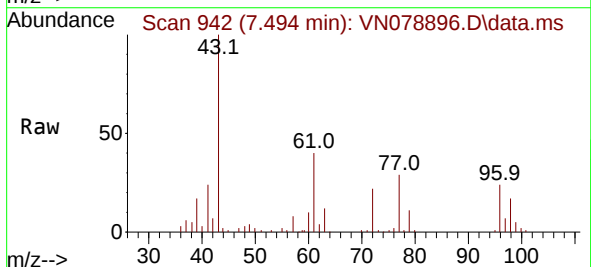
Acq: 16 Aug 2023 12:27

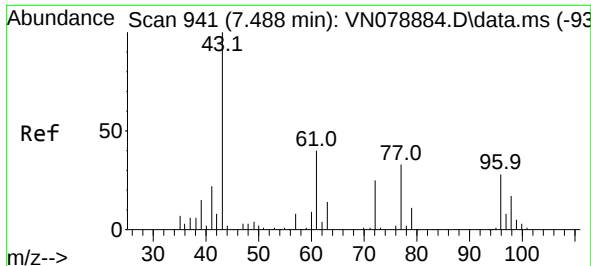
Tgt Ion: 77 Resp: 52447

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.569 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.011 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

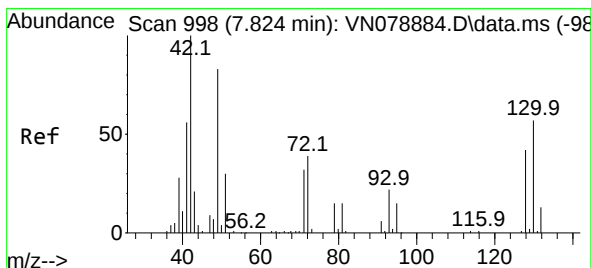
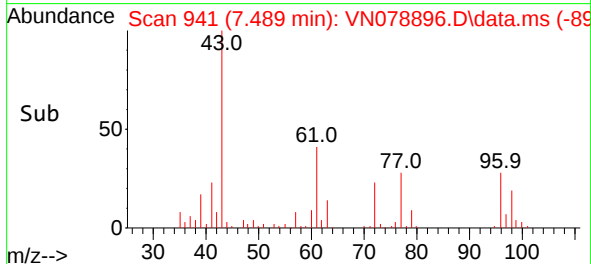
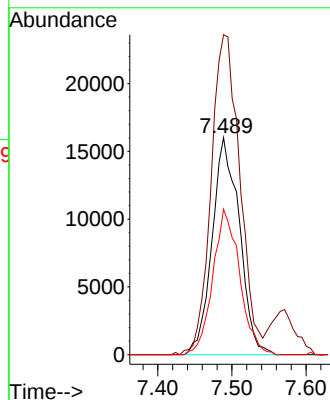
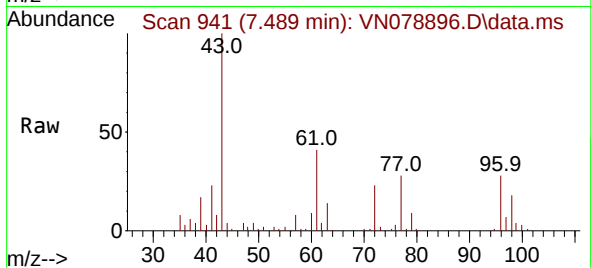
Tgt Ion: 96 Resp: 4085
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 255.2
 98 66.1 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#28

Bromochloromethane

Concen: 21.368 ug/l

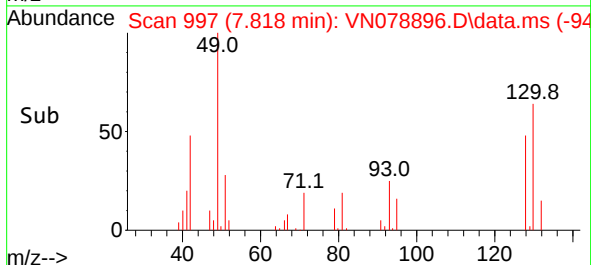
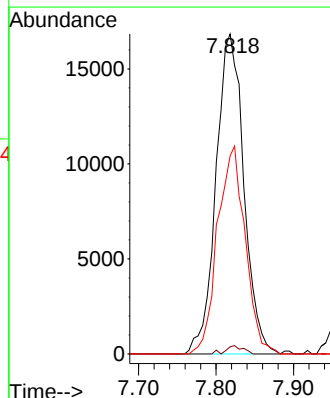
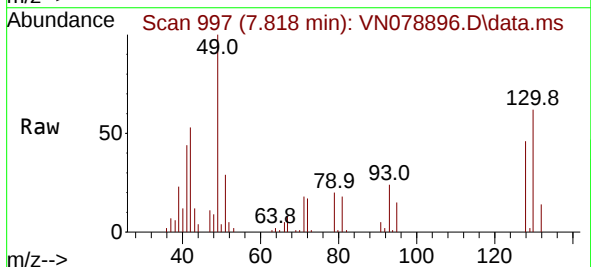
RT: 7.818 min Scan# 997

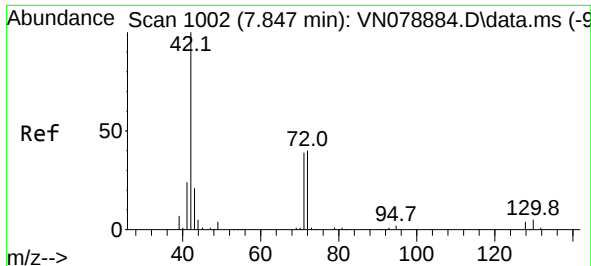
Delta R.T. -0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Tgt Ion: 49 Resp: 42088
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 64.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 97.774 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078896.D

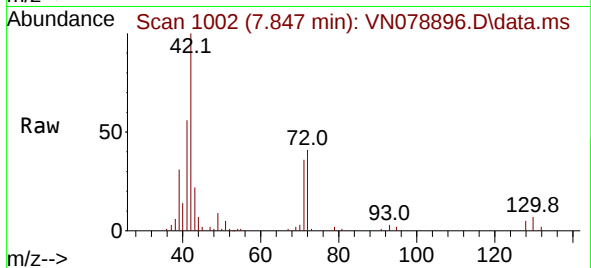
Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01



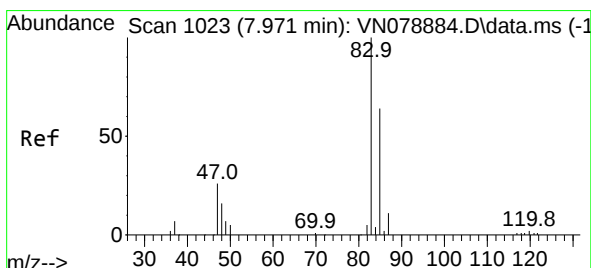
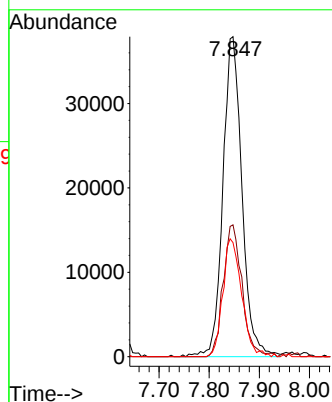
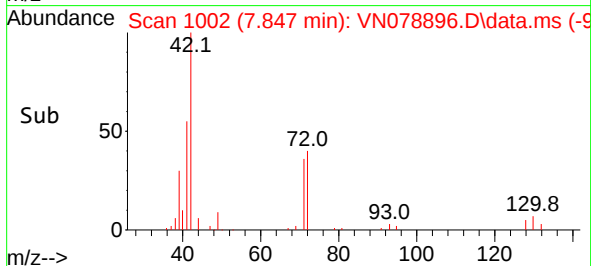
Tgt Ion:	42	Resp:	100170
Ion Ratio	100	Lower	Upper
42	100		
72	40.8	49.8	74.6
71	36.4	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#30

Chloroform

Concen: 19.802 ug/l

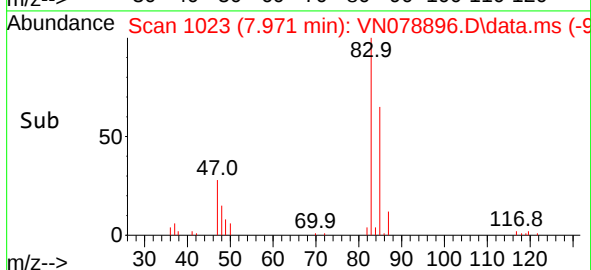
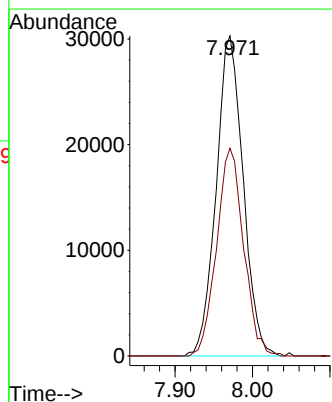
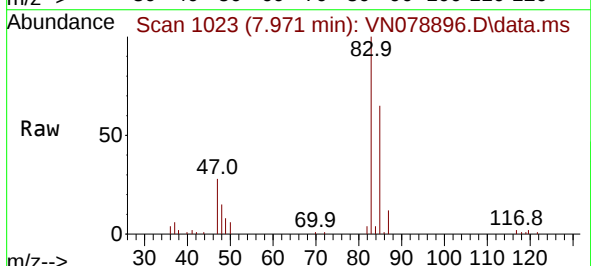
RT: 7.971 min Scan# 1023

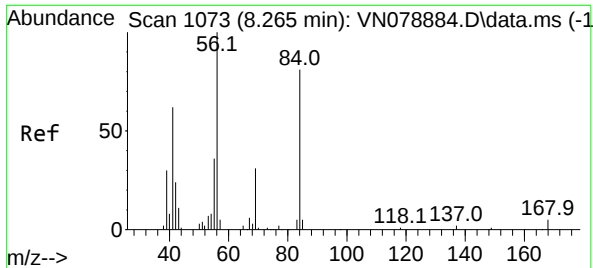
Delta R.T. -0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

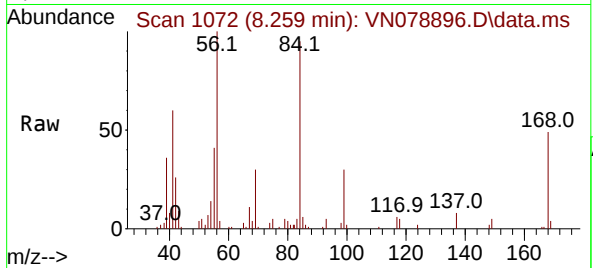
Tgt Ion:	83	Resp:	73458
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	55.4	83.0





#31
Cyclohexane
Concen: 17.794 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

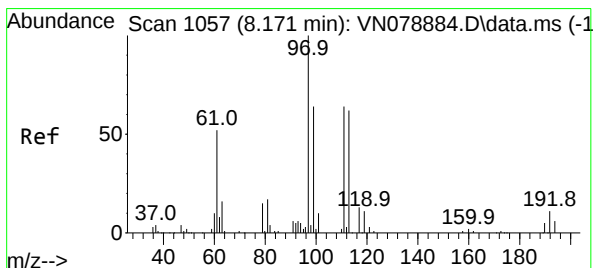
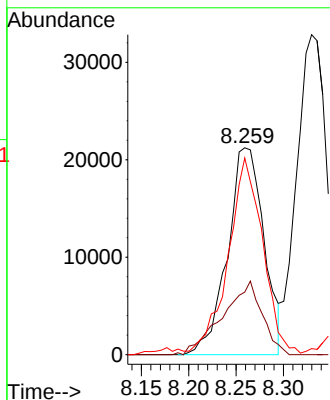
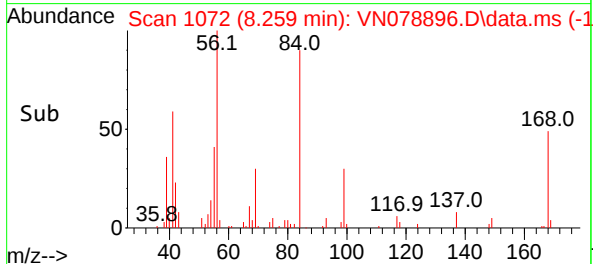
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



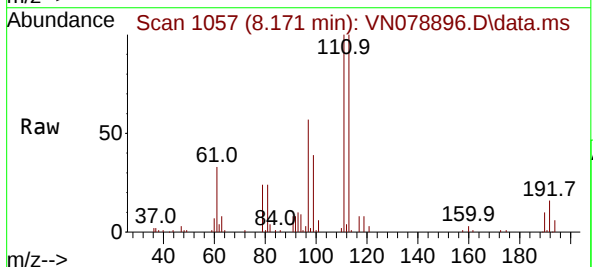
Tgt Ion: 56 Resp: 5688
Ion Ratio Lower Upper
56 100
69 29.3 26.8 40.2
84 92.3 81.8 122.6

Manual Integrations
APPROVED

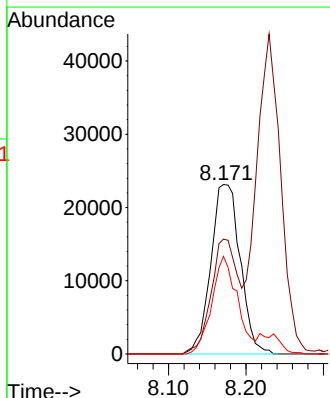
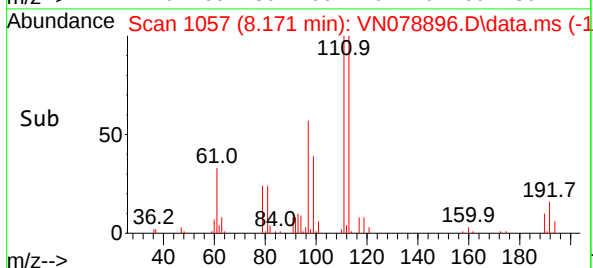
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

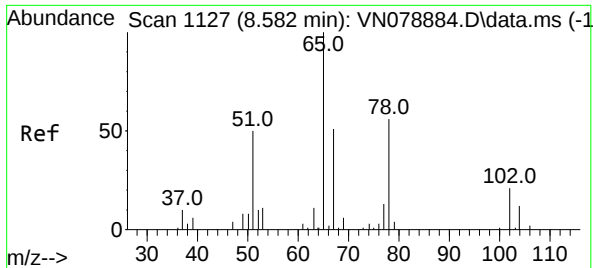


#32
1,1,1-Trichloroethane
Concen: 19.232 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27



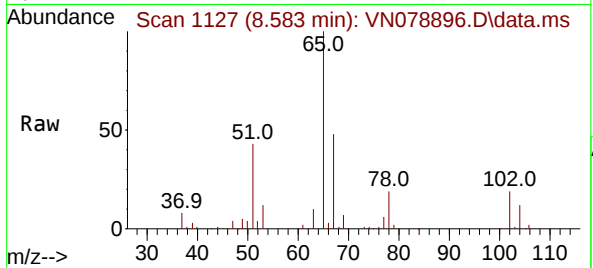
Tgt Ion: 97 Resp: 60830
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 50.7 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 54.726 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

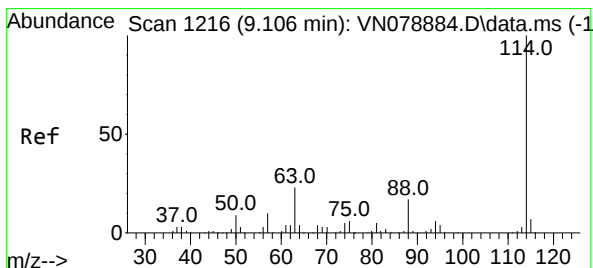
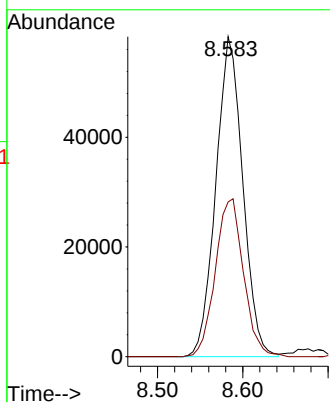
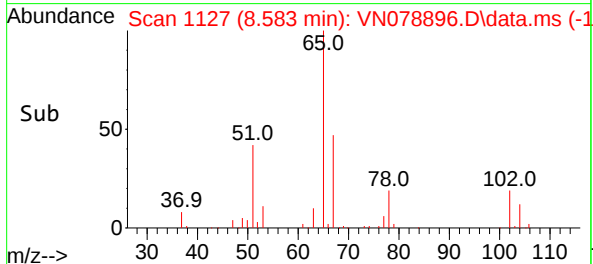
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



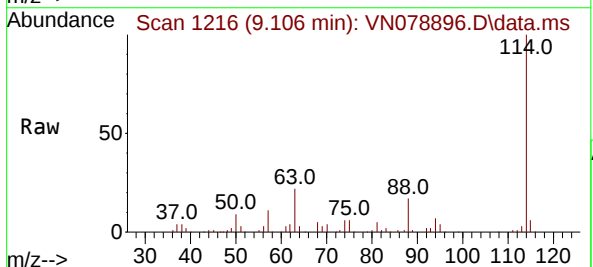
Tgt Ion: 65 Resp: 128040
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6

Manual Integrations
APPROVED

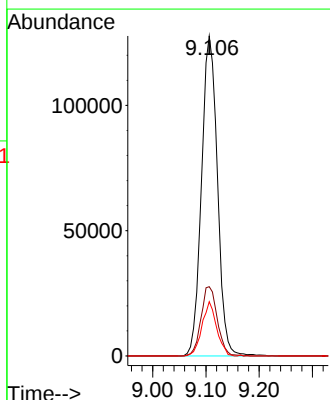
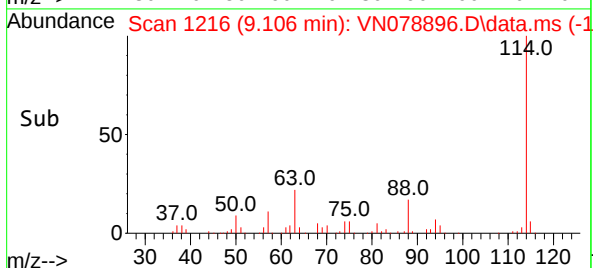
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

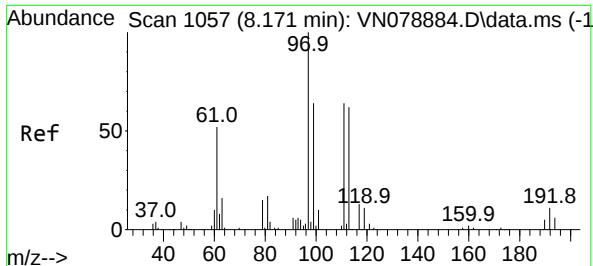


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27



Tgt Ion:114 Resp: 265092
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.806 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

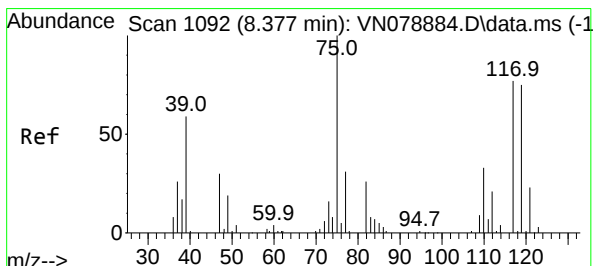
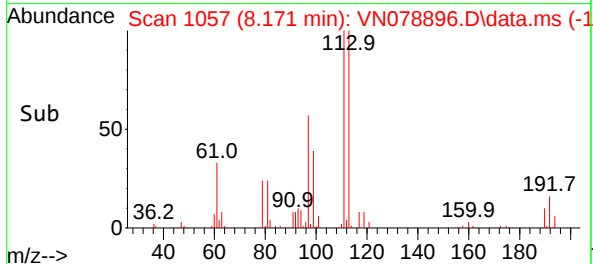
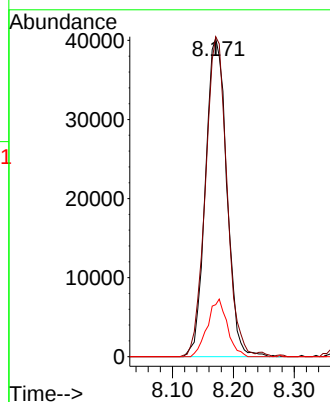
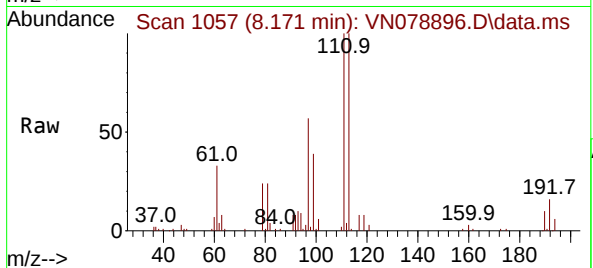
Tgt Ion:	113	Resp:	9779
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.6	123.8
192	16.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#36

1,1-Dichloropropene

Concen: 18.981 ug/l

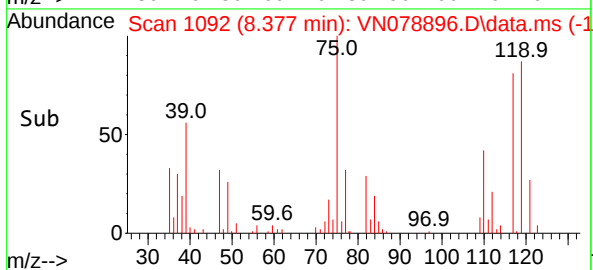
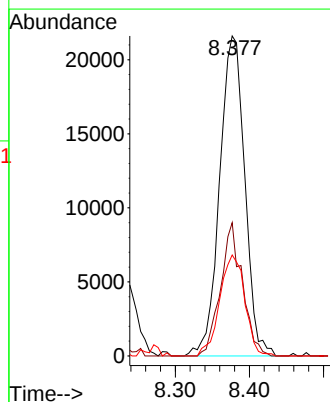
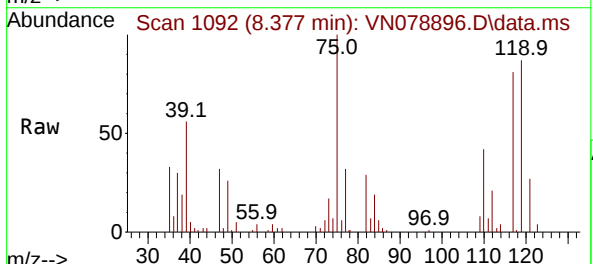
RT: 8.377 min Scan# 1092

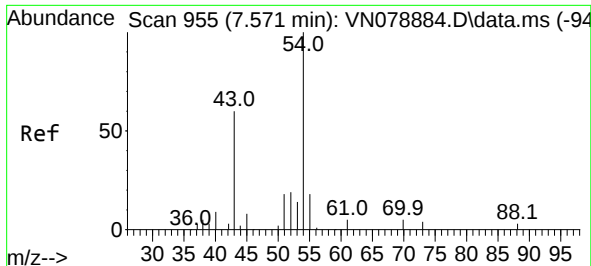
Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Tgt Ion:	75	Resp:	50950
Ion Ratio	Lower	Upper	
75	100		
110	36.3	19.1	57.3
77	31.5	25.0	37.4





#37

Ethyl Acetate

Concen: 22.173 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 43 Resp: 6659

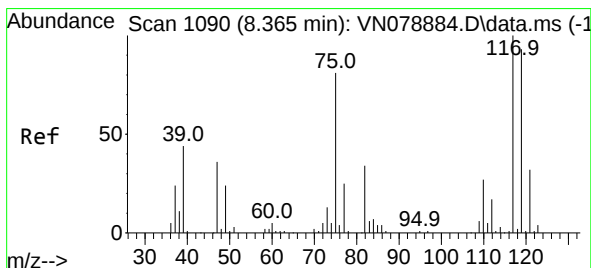
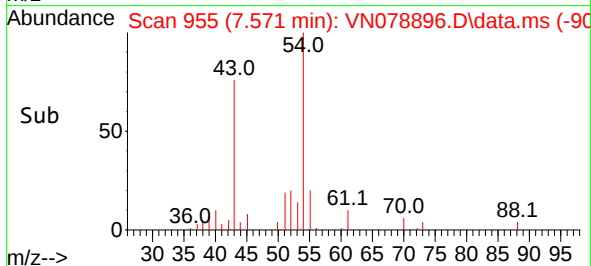
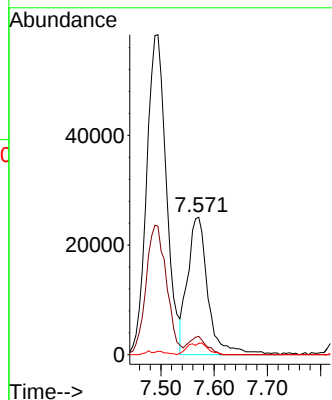
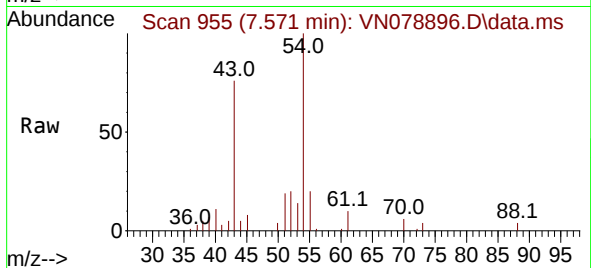
Ion	Ratio	Lower	Upper
43	100		
61	11.5	13.2	19.8
70	8.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#38

Carbon Tetrachloride

Concen: 19.517 ug/l

RT: 8.365 min Scan# 1090

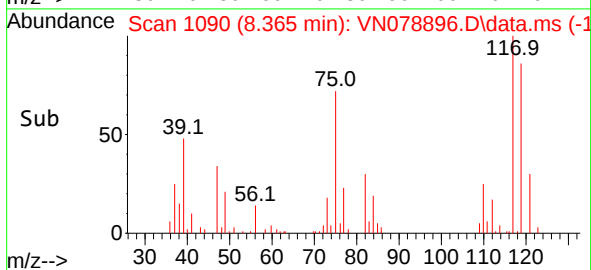
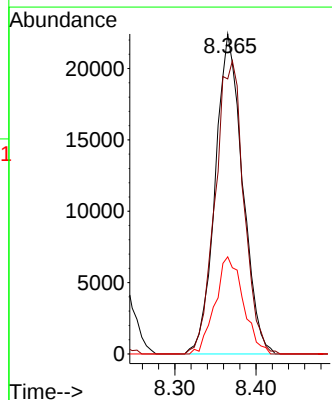
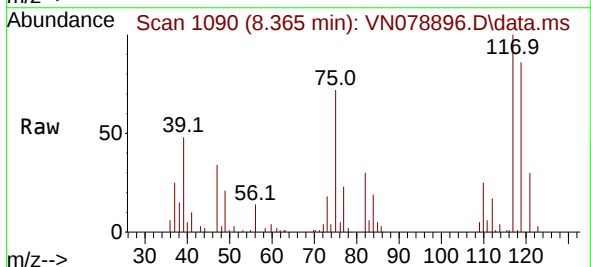
Delta R.T. -0.006 min

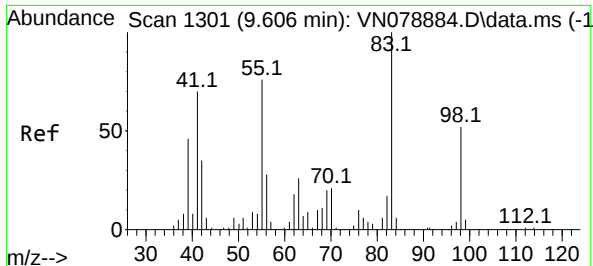
Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Tgt Ion:117 Resp: 52494

Ion	Ratio	Lower	Upper
117	100		
119	85.9	77.3	115.9
121	30.4	23.3	34.9





#39

Methylcyclohexane

Concen: 18.134 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 83 Resp: 44768

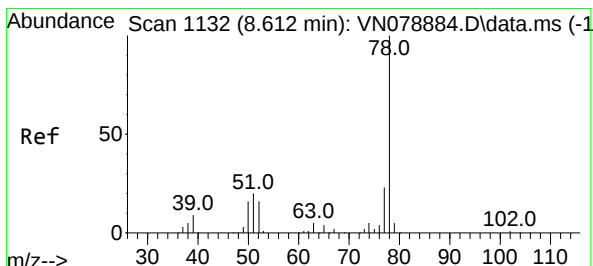
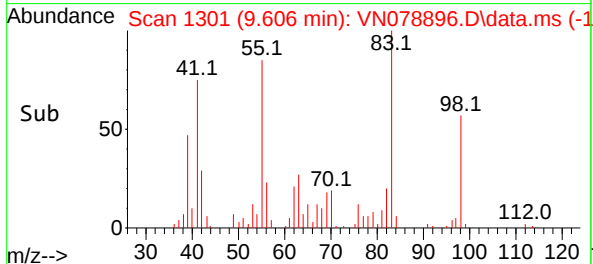
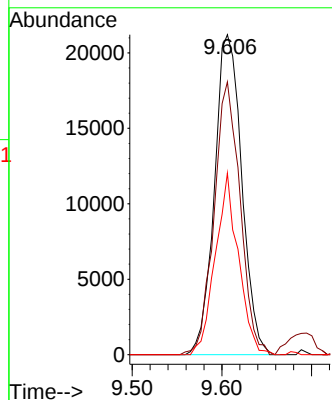
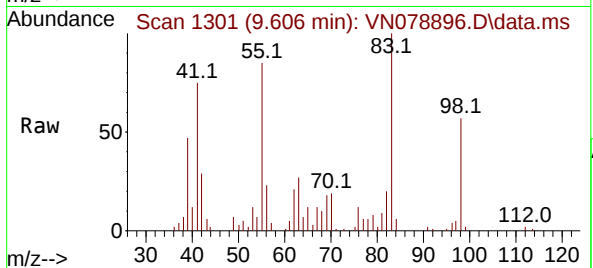
Ion	Ratio	Lower	Upper
83	100		
55	85.3	49.1	73.7
98	56.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#40

Benzene

Concen: 19.955 ug/l

RT: 8.612 min Scan# 1132

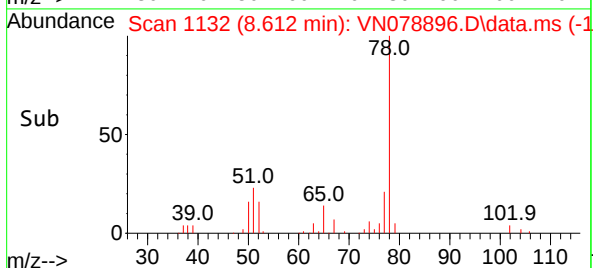
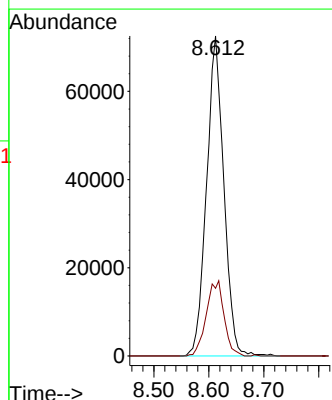
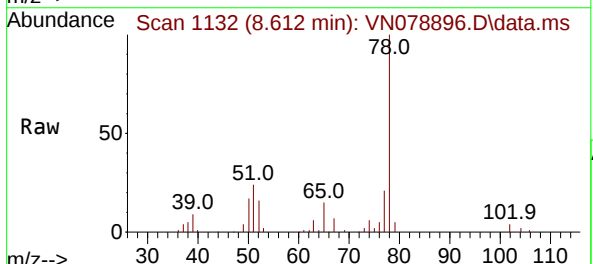
Delta R.T. 0.000 min

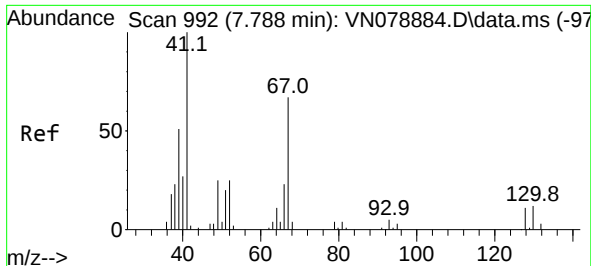
Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Tgt Ion: 78 Resp: 158324

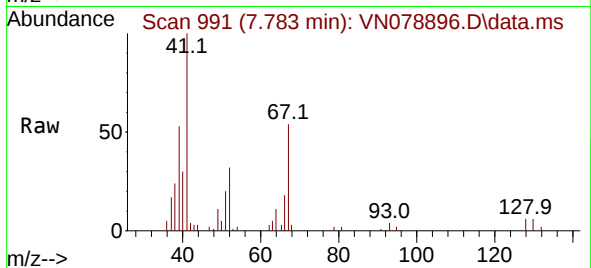
Ion	Ratio	Lower	Upper
78	100		
77	21.1	19.0	28.6





#41
Methacrylonitrile
Concen: 20.137 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

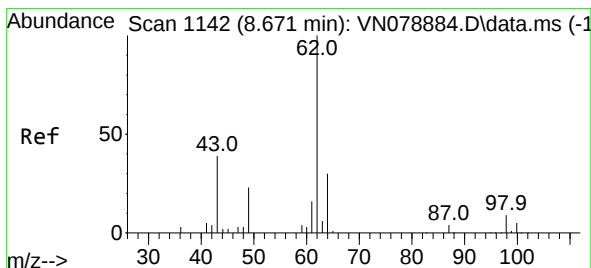
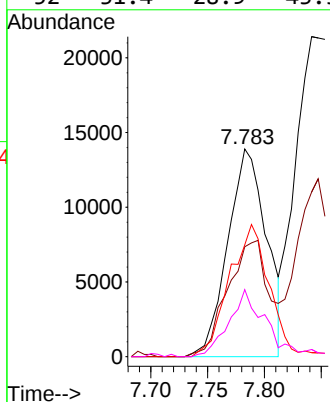
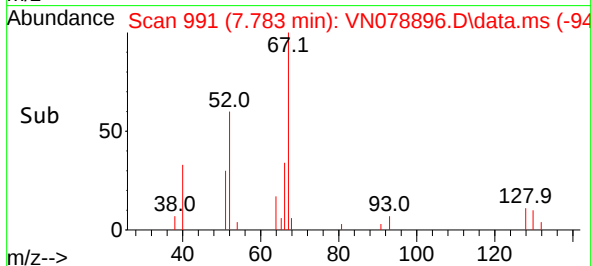
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 41 Resp: 32939
Ion Ratio Lower Upper
41 100
39 59.3 42.6 64.0
67 66.5 77.5 116.3
52 31.4 28.9 43.3

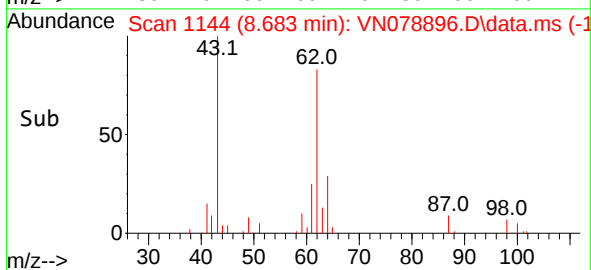
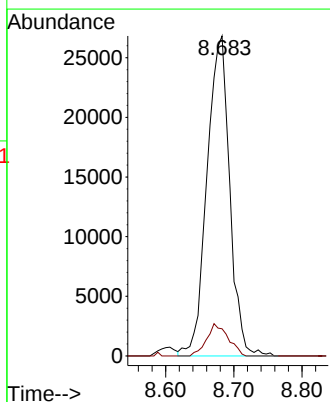
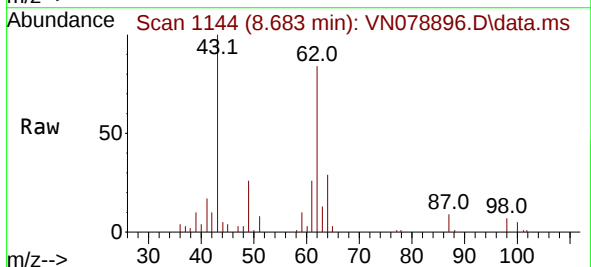
Manual Integrations
APPROVED

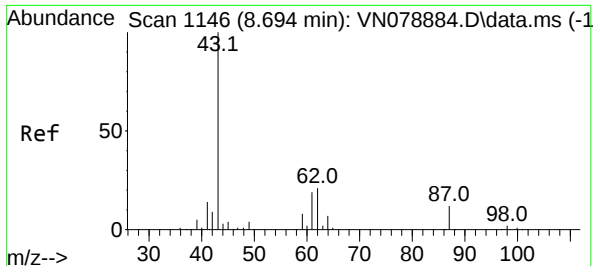
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#42
1,2-Dichloroethane
Concen: 21.009 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

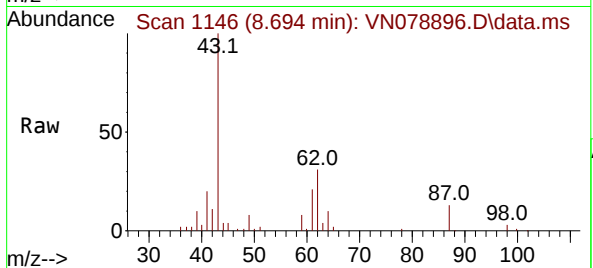
Tgt Ion: 62 Resp: 62276
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.990 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

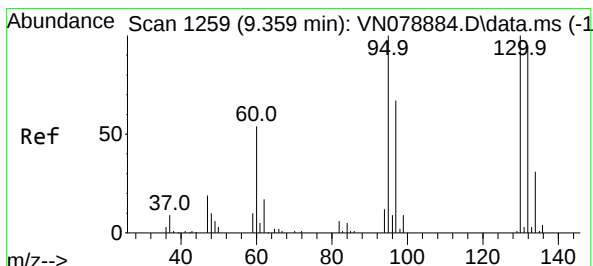
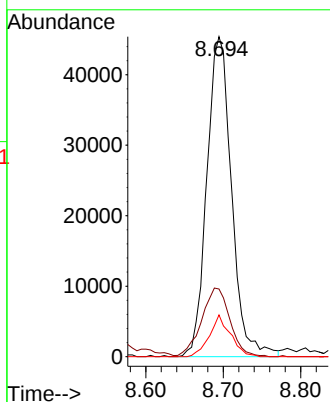
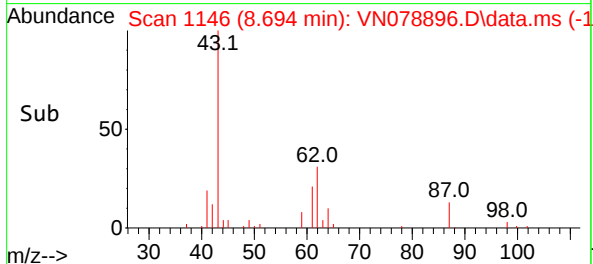
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 43 Resp: 100800
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1
87 11.1 14.6 21.8

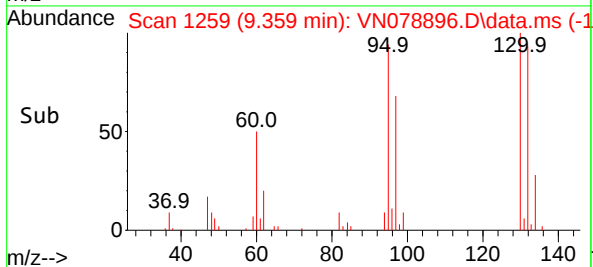
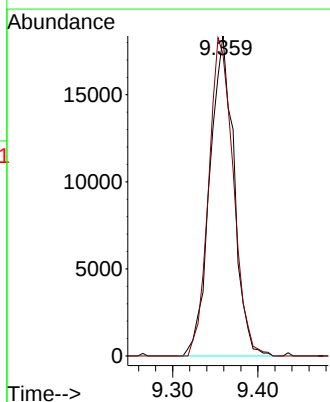
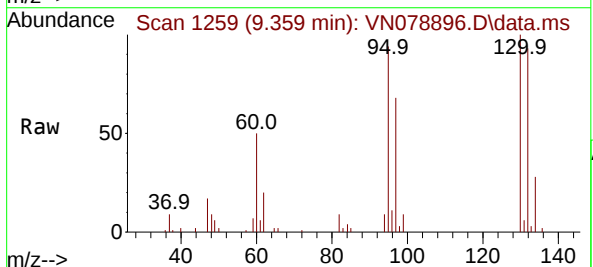
Manual Integrations
APPROVED

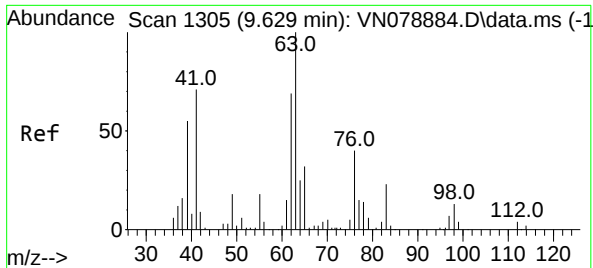
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#44
Trichloroethene
Concen: 19.157 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

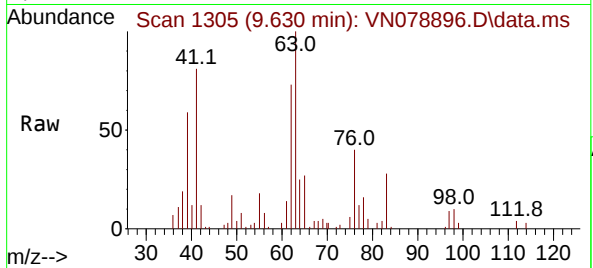
Tgt Ion:130 Resp: 36116
Ion Ratio Lower Upper
130 100
95 94.3 0.0 204.6





#45
1,2-Dichloropropane
Concen: 20.368 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

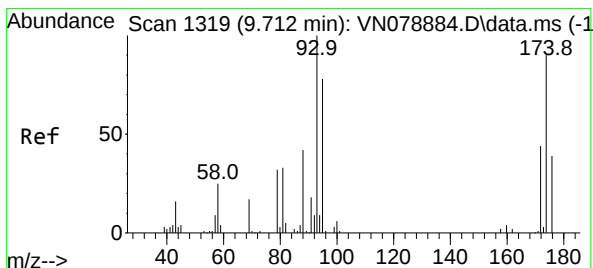
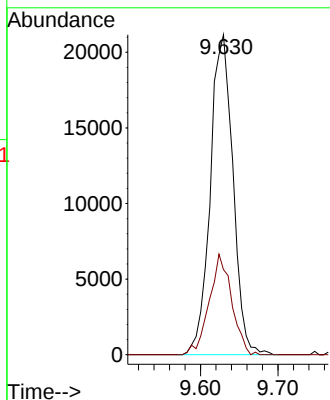
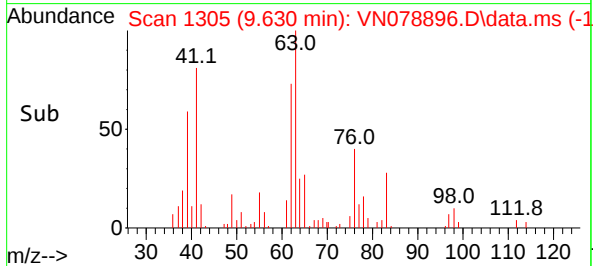
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 63 Resp: 43020
Ion Ratio Lower Upper
63 100
65 26.6 23.9 35.9

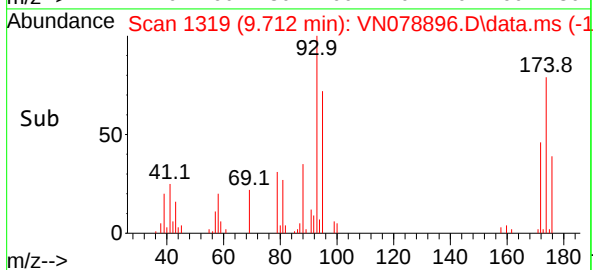
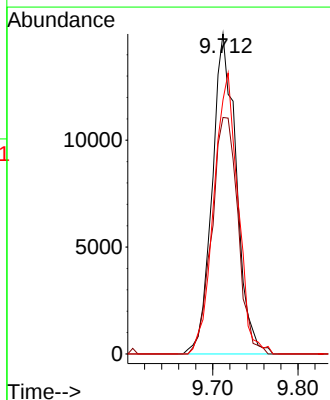
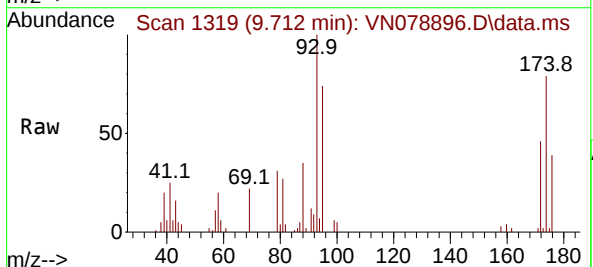
Manual Integrations
APPROVED

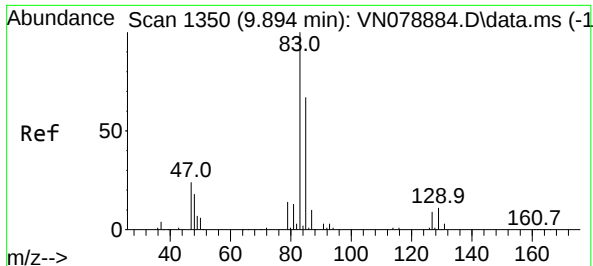
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#46
Dibromomethane
Concen: 20.311 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 93 Resp: 29429
Ion Ratio Lower Upper
93 100
95 80.0 63.8 95.8
174 88.0 65.6 98.4





#47

Bromodichloromethane

Concen: 20.978 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

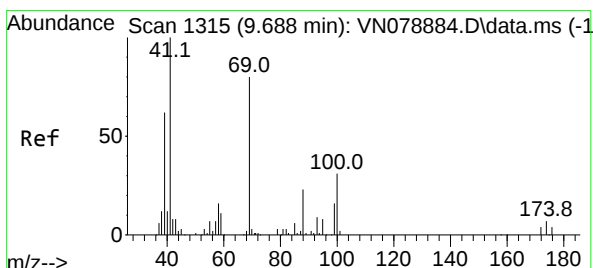
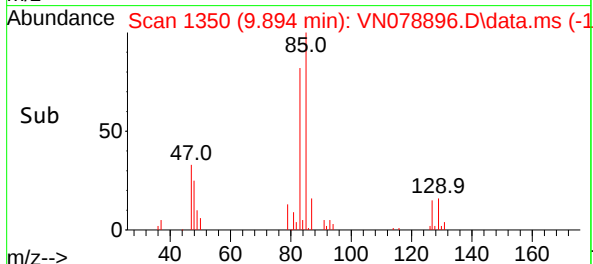
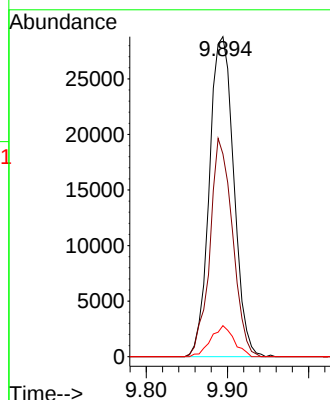
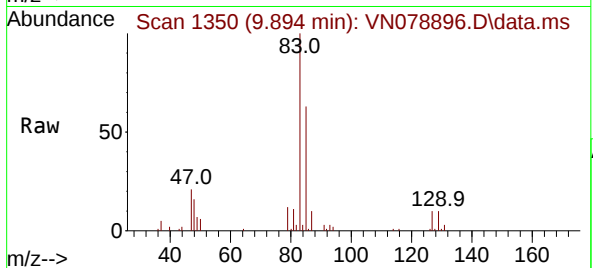
Tgt Ion:	83	Resp:	60020
Ion Ratio	Lower	Upper	
83	100		
85	63.3	49.6	74.4
127	9.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#48

Methyl methacrylate

Concen: 19.199 ug/l

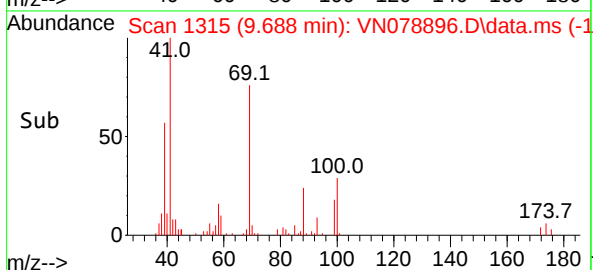
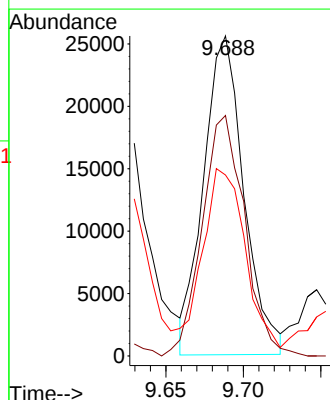
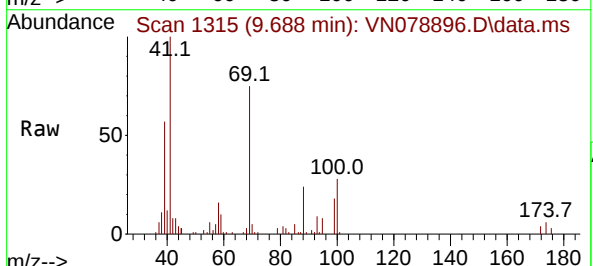
RT: 9.688 min Scan# 1315

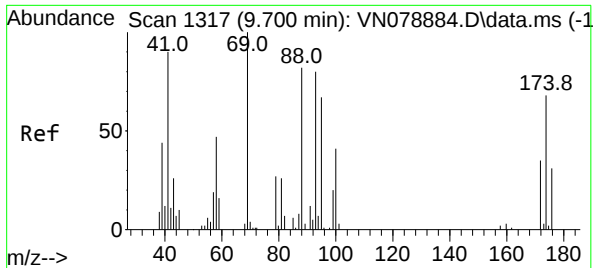
Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

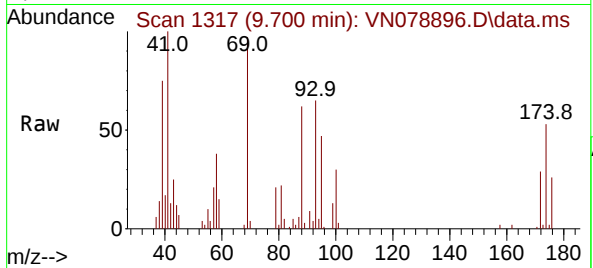
Tgt Ion:	41	Resp:	46182
Ion Ratio	Lower	Upper	
41	100		
69	79.4	90.4	135.6
39	62.8	54.6	81.8





#49
1,4-Dioxane
Concen: 405.442 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

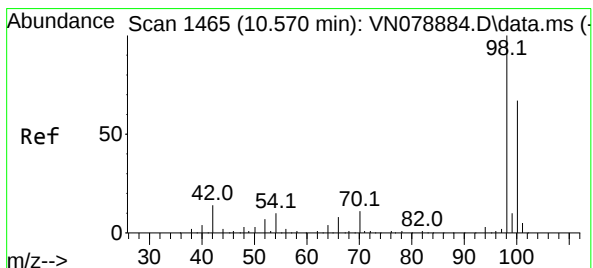
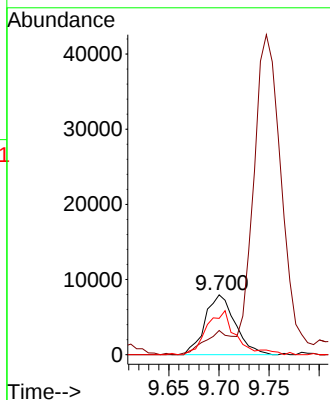
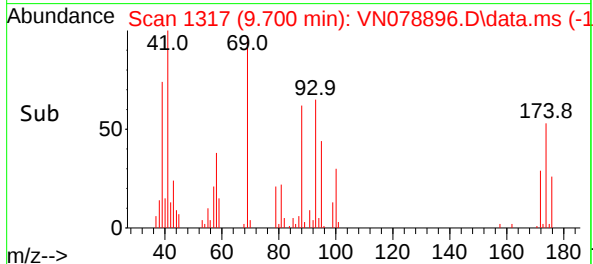
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



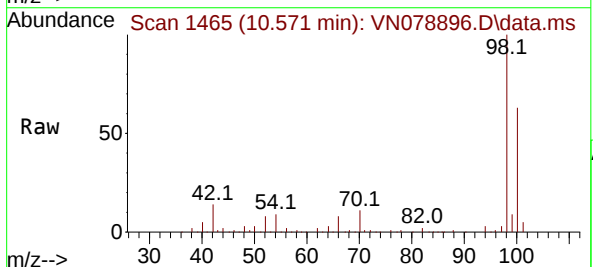
Tgt Ion: 88 Resp: 16612
Ion Ratio Lower Upper
88 100
43 33.8 17.0 25.6
58 72.1 47.0 70.4

Manual Integrations
APPROVED

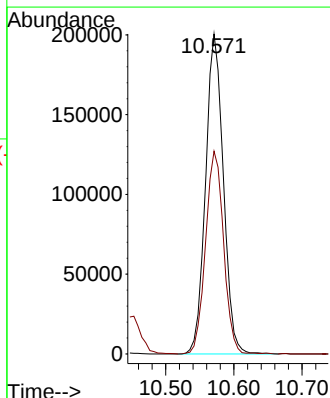
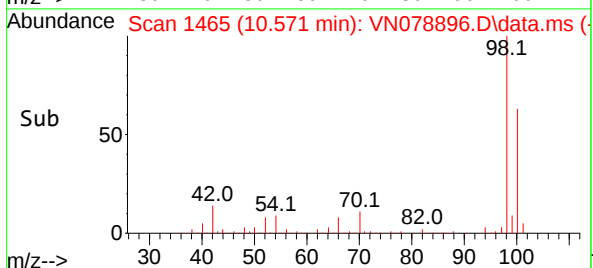
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

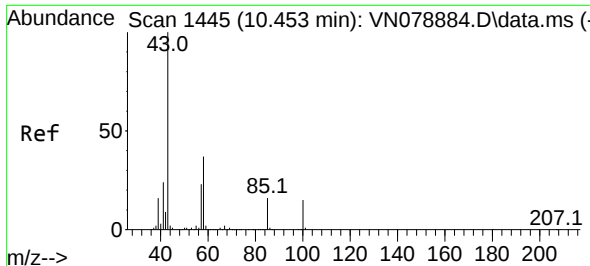


#50
Toluene-d8
Concen: 55.048 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27



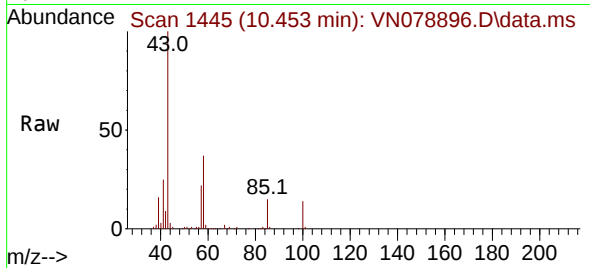
Tgt Ion: 98 Resp: 364737
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 100.628 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

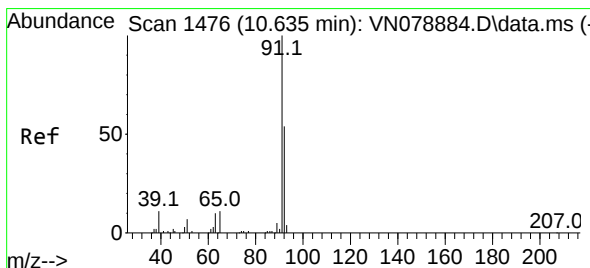
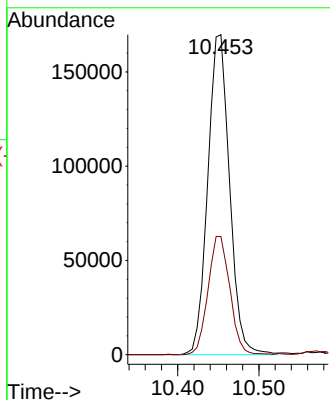
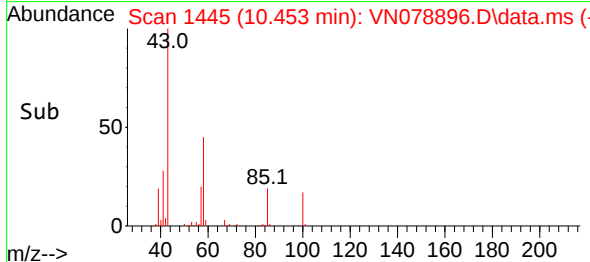
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



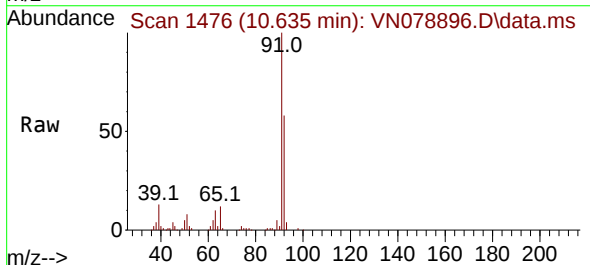
Tgt Ion: 43 Resp: 31681
Ion Ratio Lower Upper
43 100
58 37.0 36.6 54.8

Manual Integrations
APPROVED

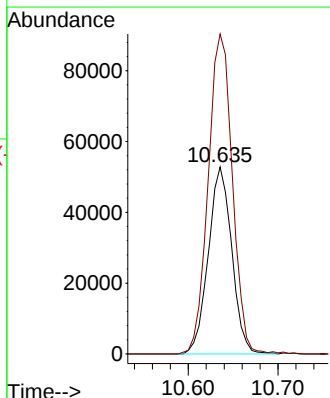
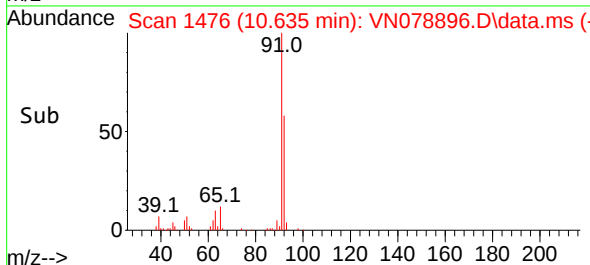
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

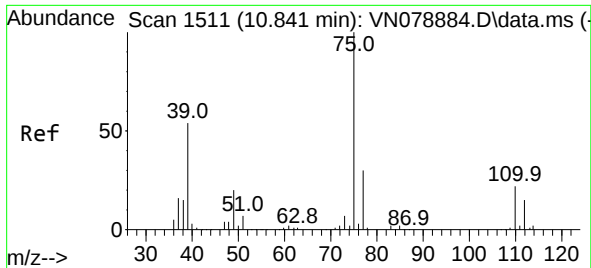


#52
Toluene
Concen: 19.686 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27



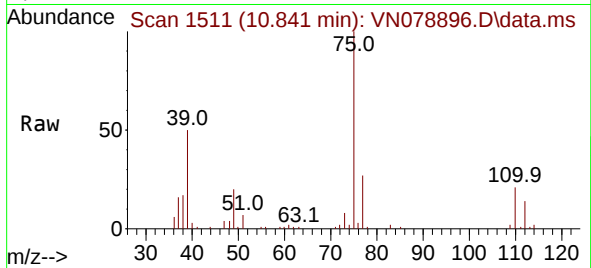
Tgt Ion: 92 Resp: 95894
Ion Ratio Lower Upper
92 100
91 176.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.948 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

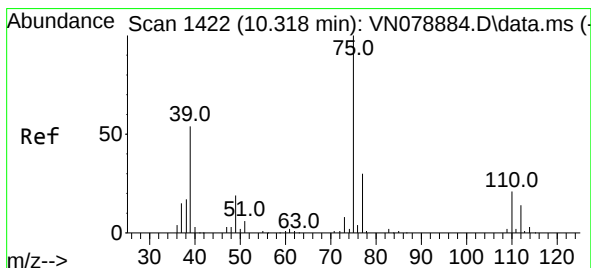
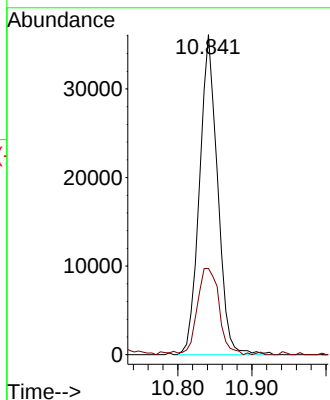
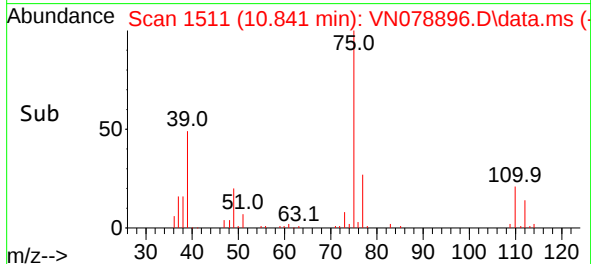
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 75 Resp: 61205
Ion Ratio Lower Upper
75 100
77 26.9 25.4 38.0

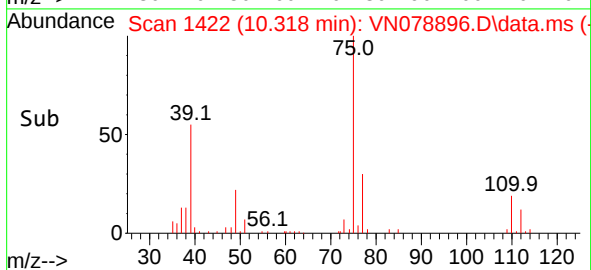
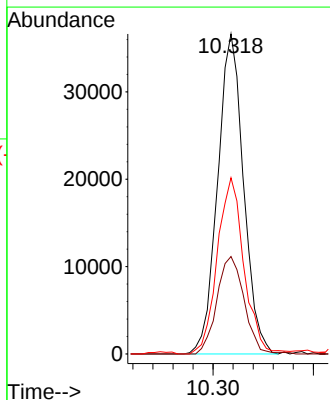
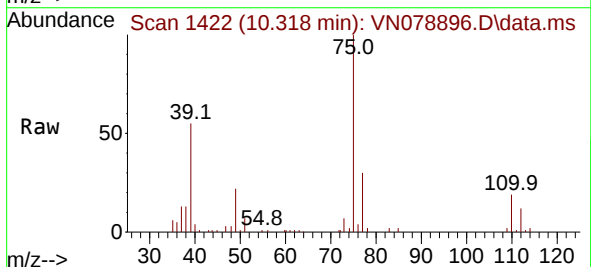
Manual Integrations
APPROVED

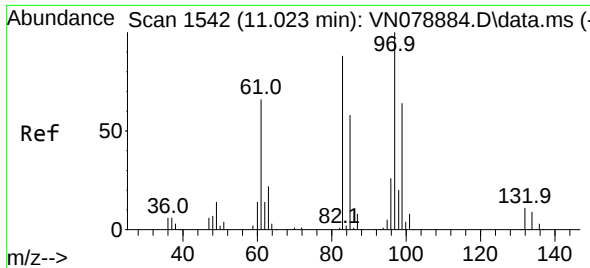
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#54
cis-1,3-Dichloropropene
Concen: 19.618 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

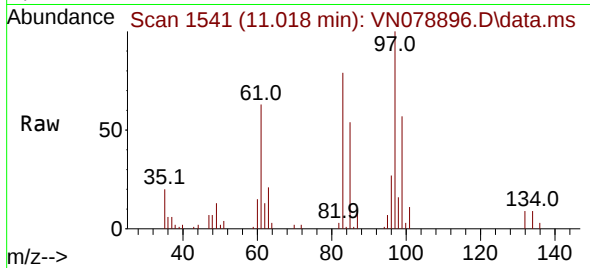
Tgt Ion: 75 Resp: 65555
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1
39 55.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 21.130 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

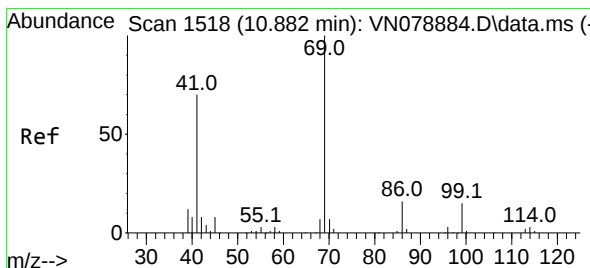
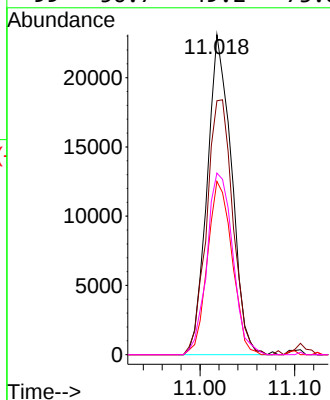
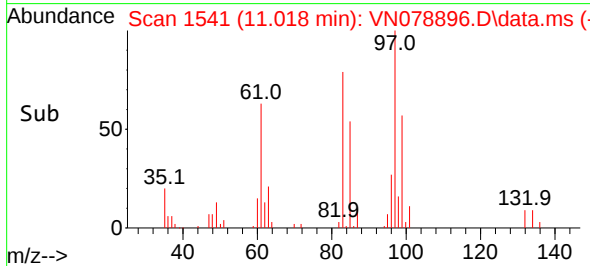
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion:	97	Resp:	41270
Ion	Ratio	Lower	Upper
97	100		
83	79.4	65.1	97.7
85	54.1	43.4	65.2
99	56.7	49.2	73.8

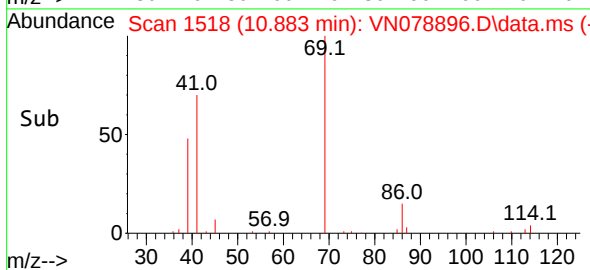
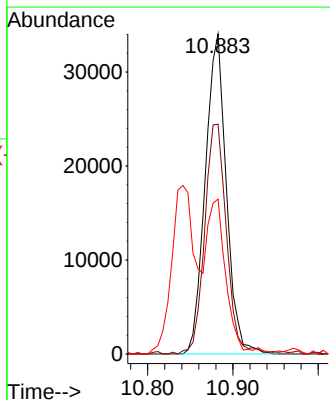
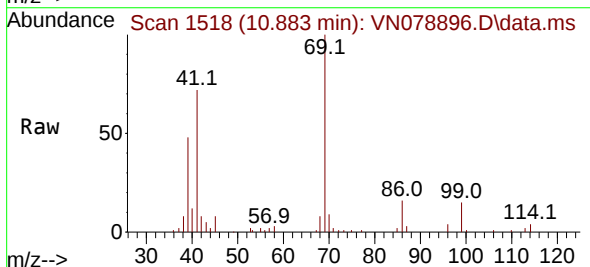
Manual Integrations
APPROVED

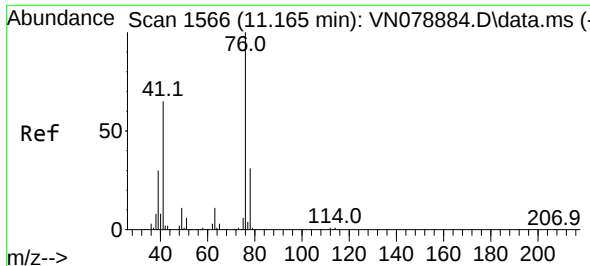
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#56
Ethyl methacrylate
Concen: 19.317 ug/l
RT: 10.883 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:	69	Resp:	58487
Ion	Ratio	Lower	Upper
69	100		
41	74.3	39.6	59.4
39	42.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.516 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 76 Resp: 7167

Ion Ratio Lower Upper

76 100

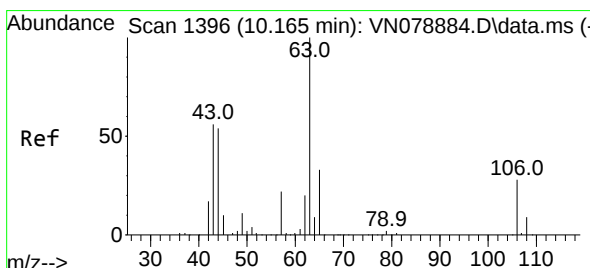
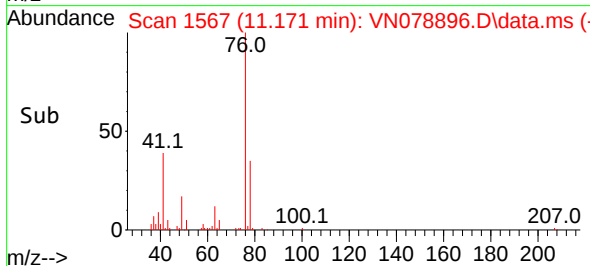
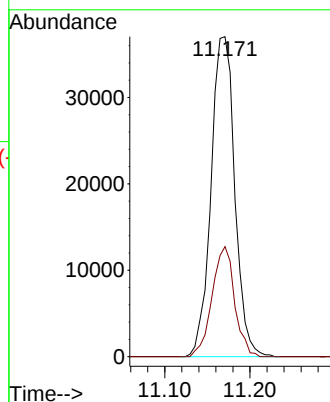
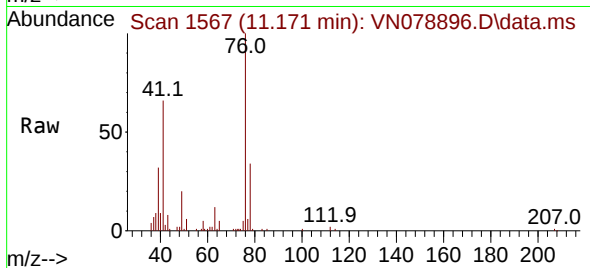
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 104.741 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078896.D

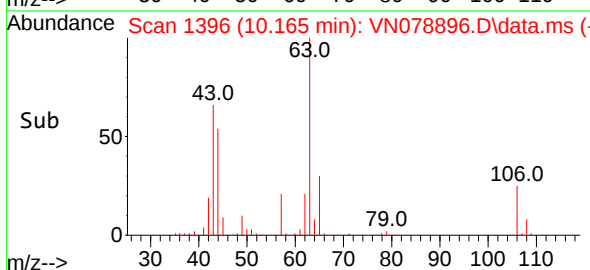
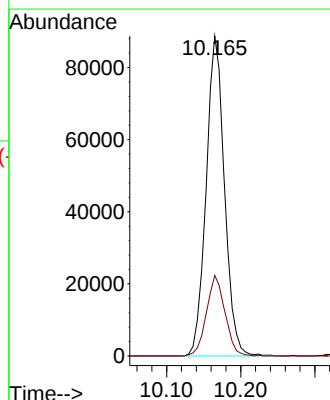
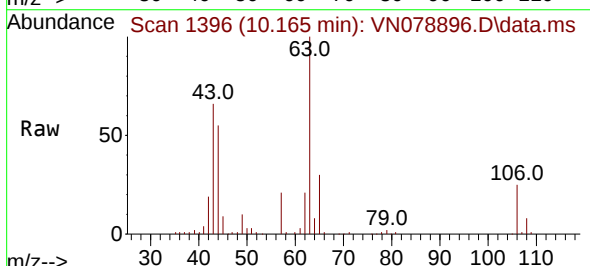
Acq: 16 Aug 2023 12:27

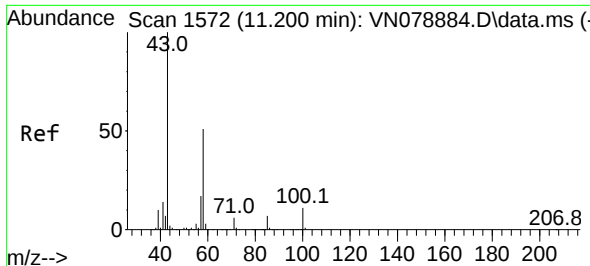
Tgt Ion: 63 Resp: 152229

Ion Ratio Lower Upper

63 100

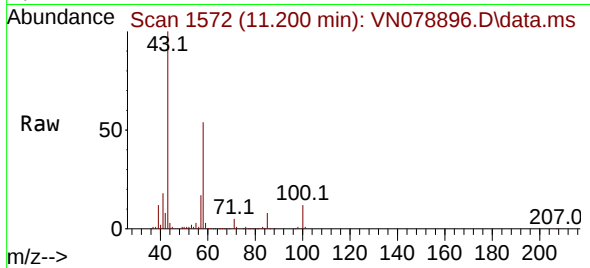
106 25.4 26.2 39.4#





#59
2-Hexanone
Concen: 98.504 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

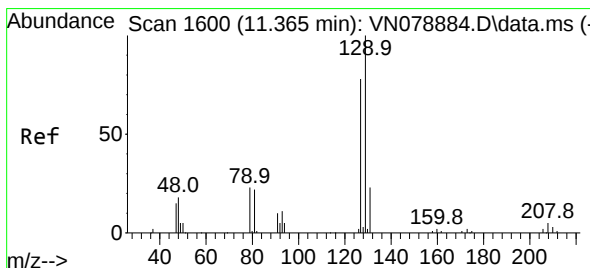
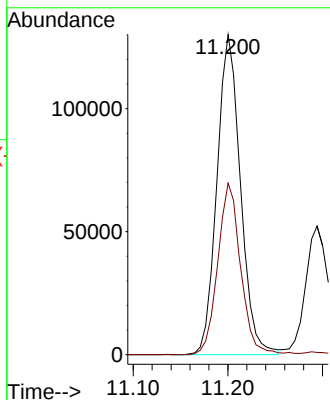
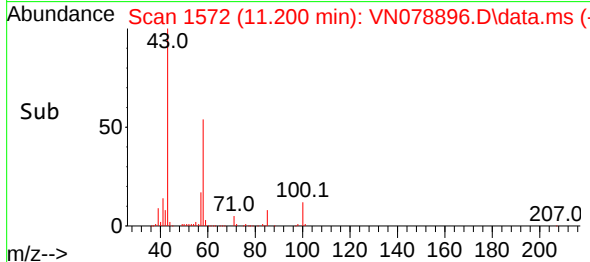
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 43 Resp: 22462
Ion Ratio Lower Upper
43 100
58 52.2 31.7 95.1

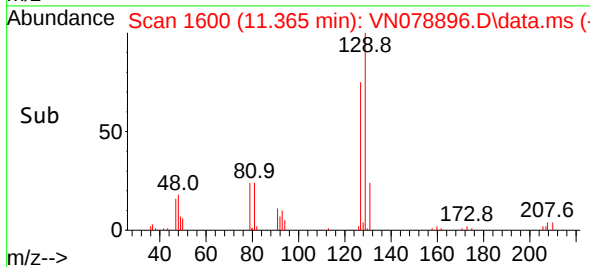
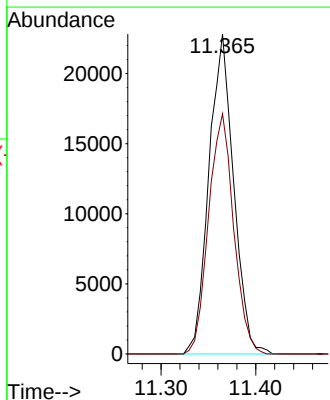
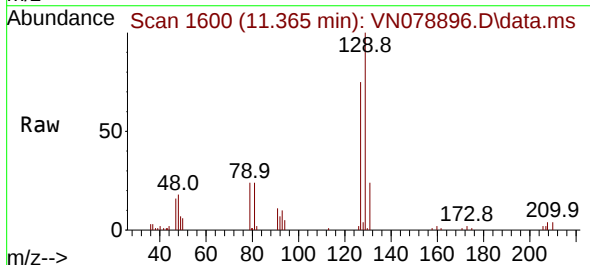
Manual Integrations
APPROVED

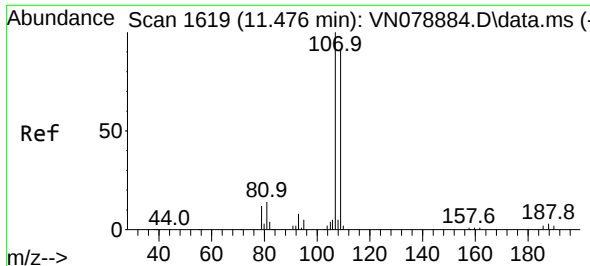
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#60
Dibromochloromethane
Concen: 20.110 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

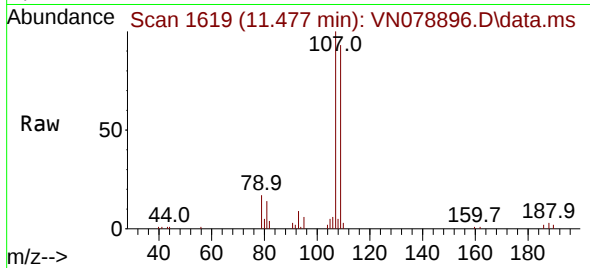
Tgt Ion:129 Resp: 41334
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.980 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

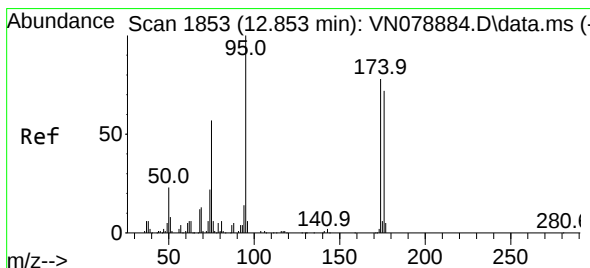
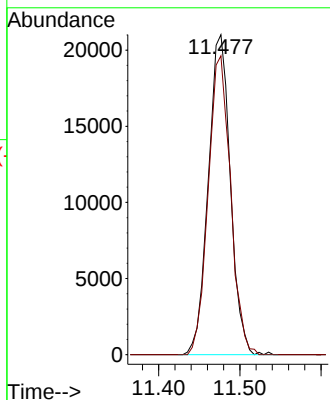
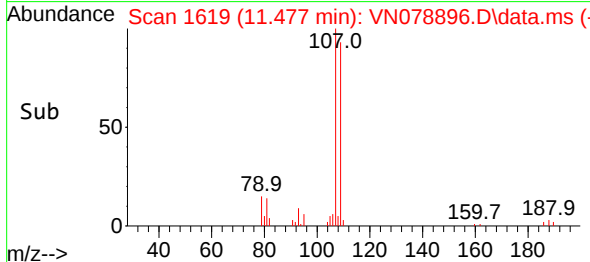
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



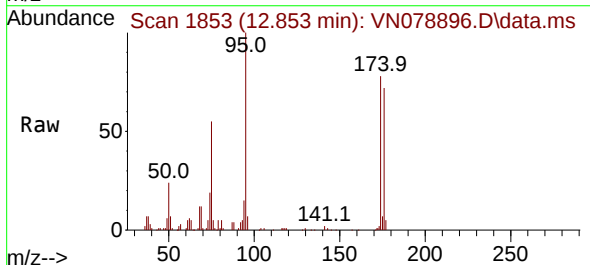
Tgt Ion:107 Resp: 39658
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8

Manual Integrations
APPROVED

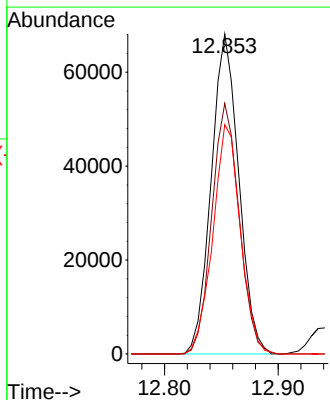
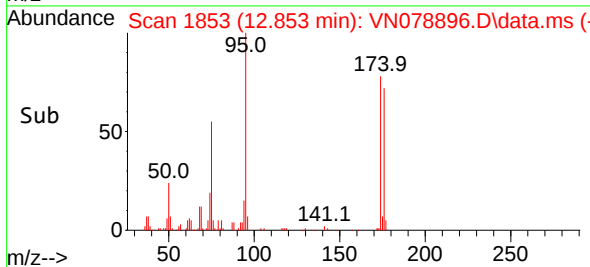
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

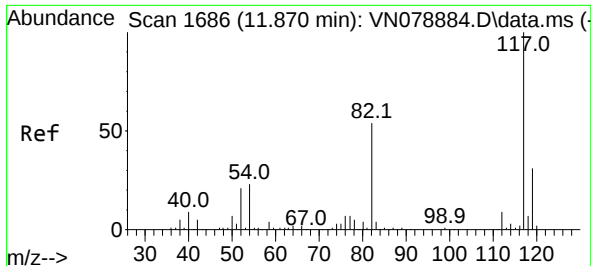


#62
4-Bromofluorobenzene
Concen: 53.037 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27



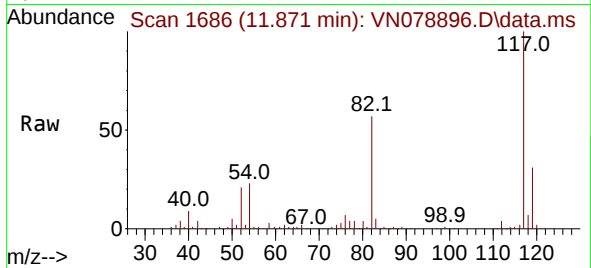
Tgt Ion: 95 Resp: 114864
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 71.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

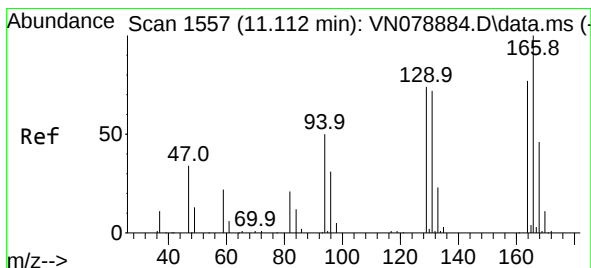
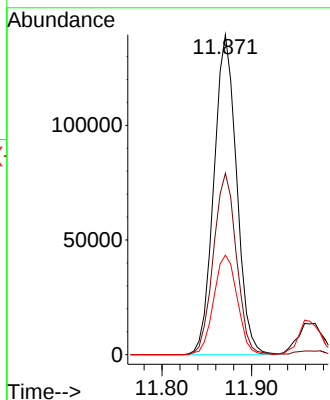
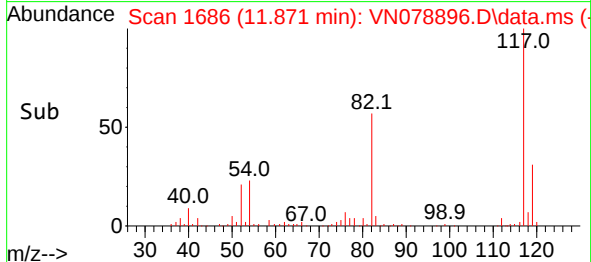
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion:117 Resp: 24535
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.1 25.6 38.4

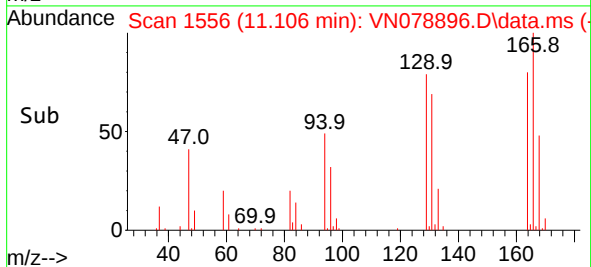
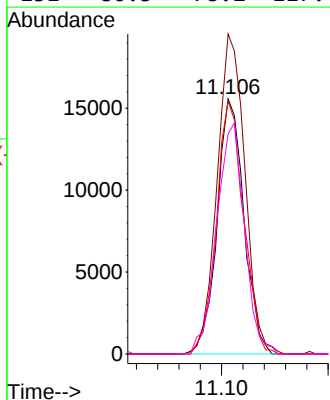
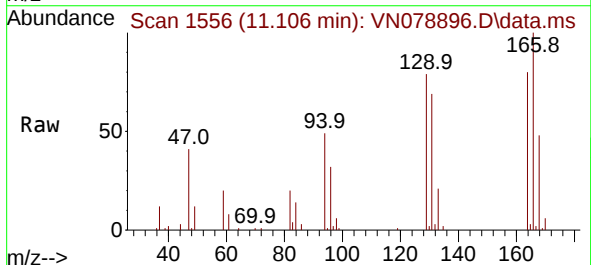
Manual Integrations
APPROVED

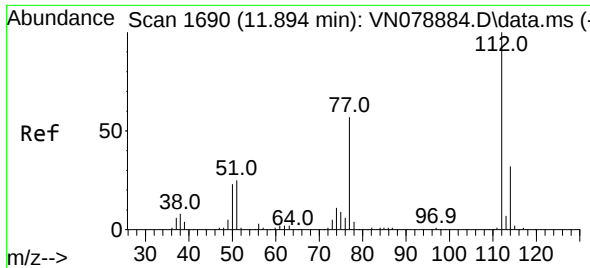
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#64
Tetrachloroethene
Concen: 17.655 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

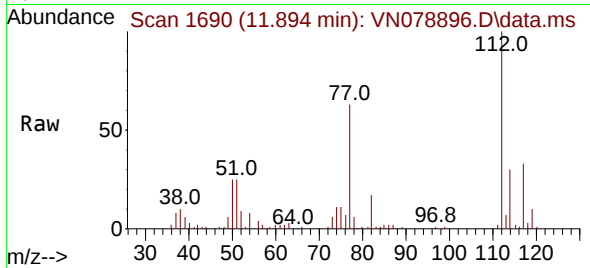
Tgt Ion:164 Resp: 27165
Ion Ratio Lower Upper
164 100
166 125.5 101.4 152.0
129 99.1 82.4 123.6
131 86.3 78.2 117.4





#65
Chlorobenzene
Concen: 19.447 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

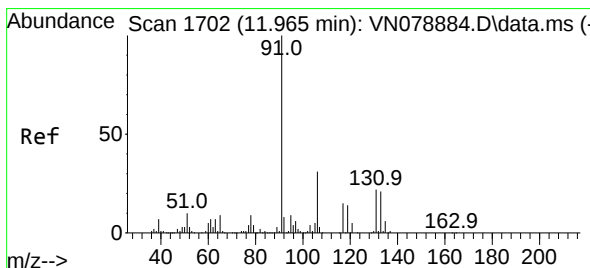
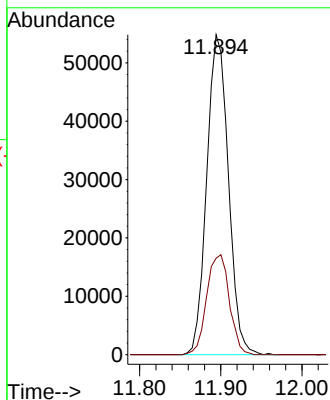
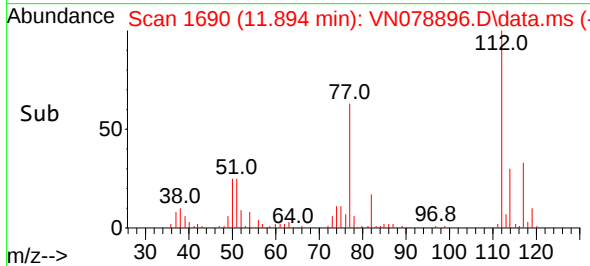
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion:112 Resp: 10156
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4

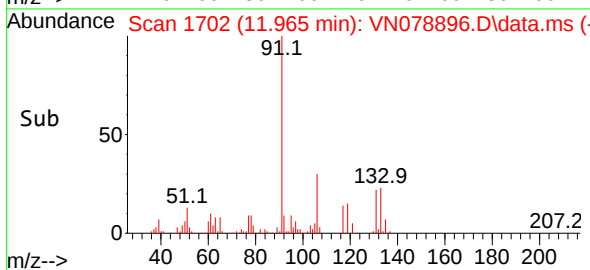
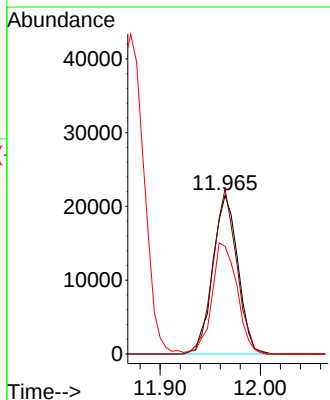
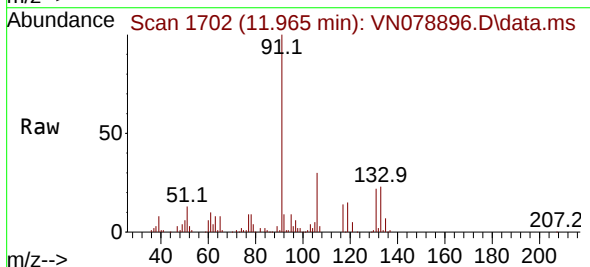
Manual Integrations
APPROVED

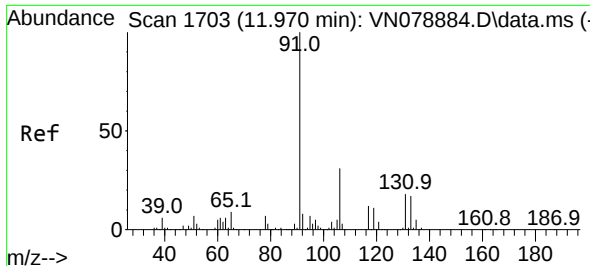
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.902 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

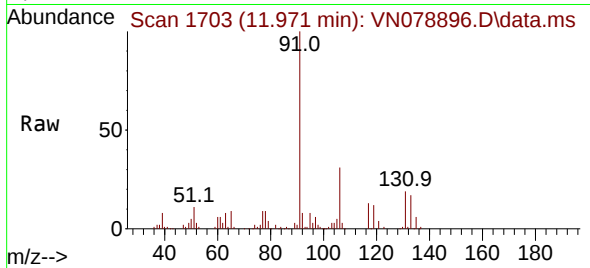
Tgt Ion:131 Resp: 37307
Ion Ratio Lower Upper
131 100
133 97.9 46.4 139.1
119 69.7 34.1 102.2





#67
Ethyl Benzene
Concen: 18.375 ug/l
RT: 11.971 min Scan# 1190
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

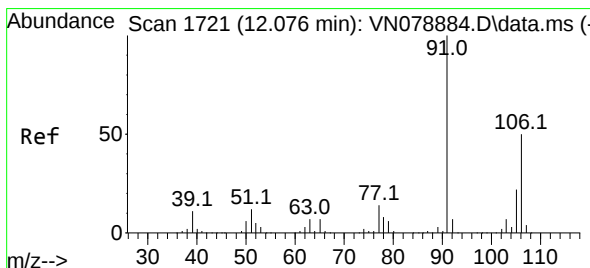
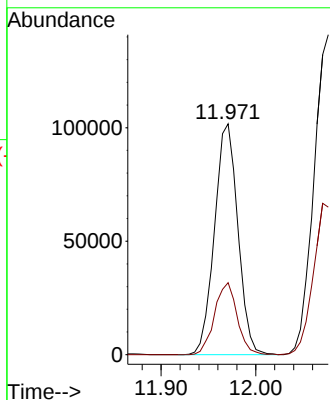
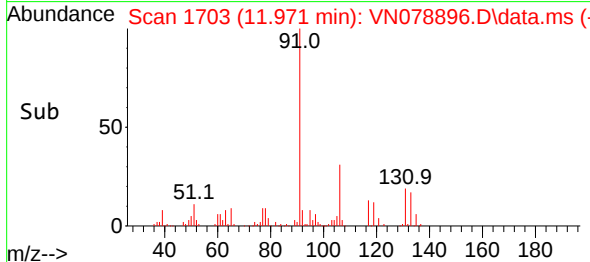
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



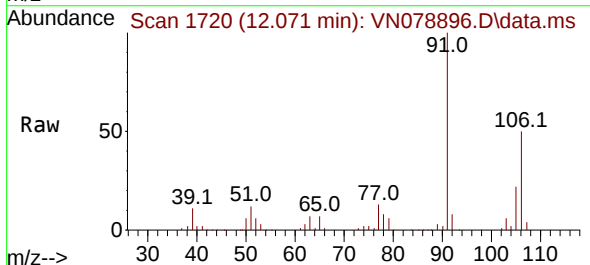
Tgt Ion: 91 Resp: 17452
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

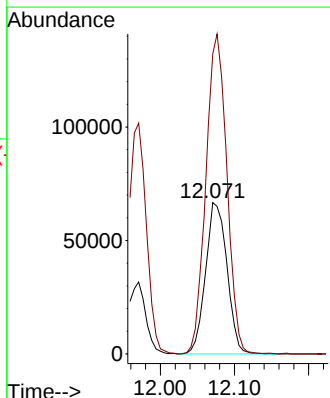
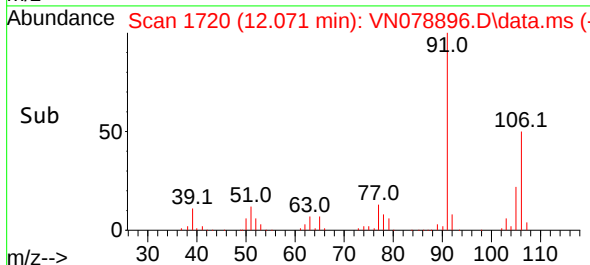
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

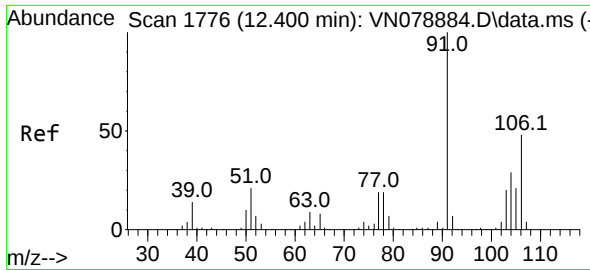


#68
m/p-Xylenes
Concen: 37.715 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27



Tgt Ion:106 Resp: 133927
Ion Ratio Lower Upper
106 100
91 207.2 159.6 239.4





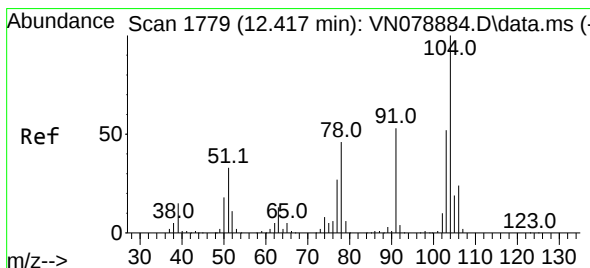
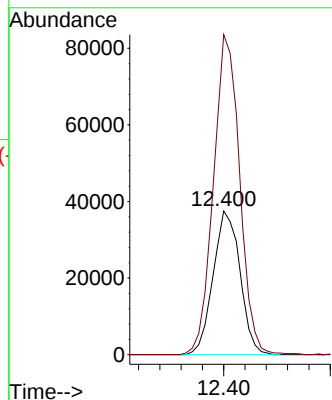
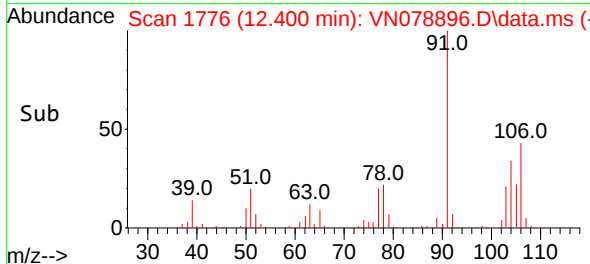
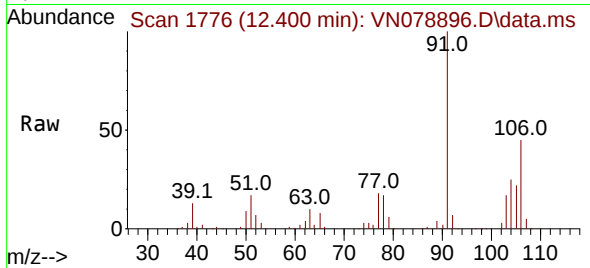
#69
o-Xylene
Concen: 19.007 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion:106 Resp: 65650
Ion Ratio Lower Upper
106 100
91 217.7 105.2 315.5

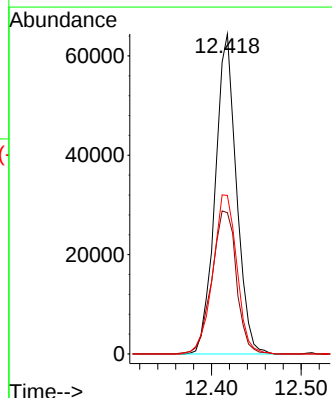
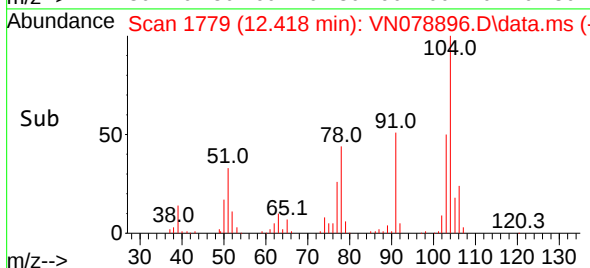
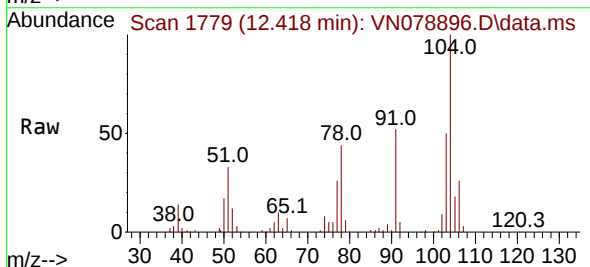
Manual Integrations
APPROVED

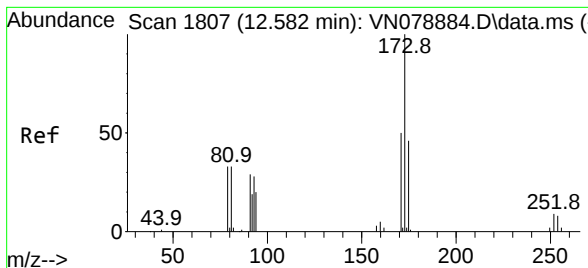
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#70
Styrene
Concen: 18.407 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:104 Resp: 106021
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 19.225 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

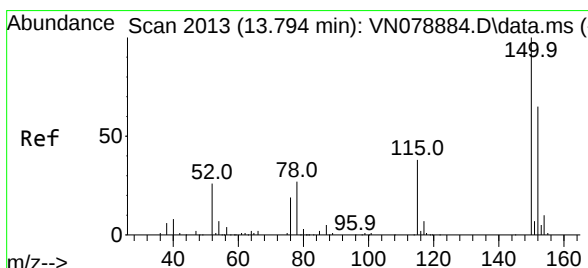
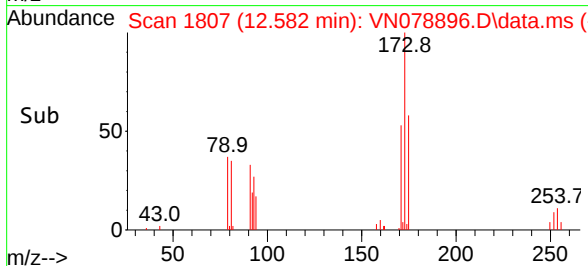
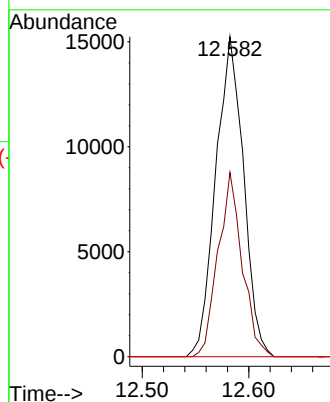
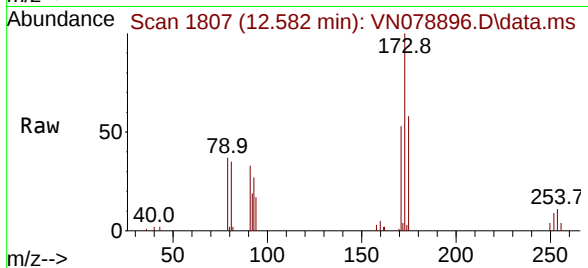
Tgt Ion:173 Resp: 2758
 Ion Ratio Lower Upper
 173 100
 175 50.1 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

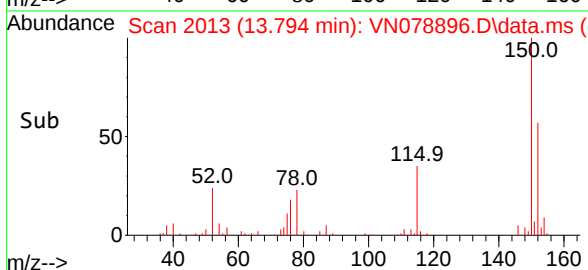
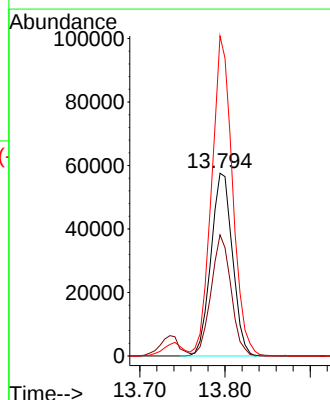
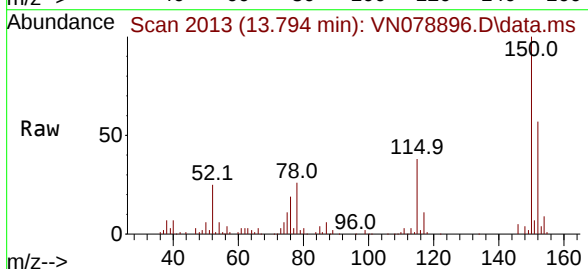
RT: 13.794 min Scan# 2013

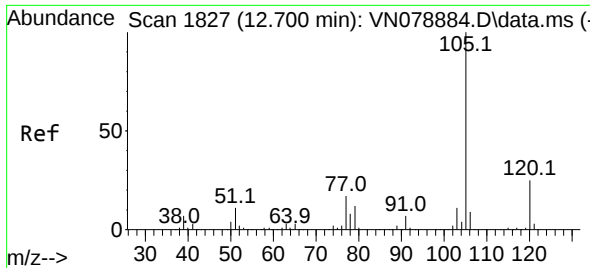
Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Tgt Ion:152 Resp: 101233
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.3 96.8
 150 169.4 0.0 355.8





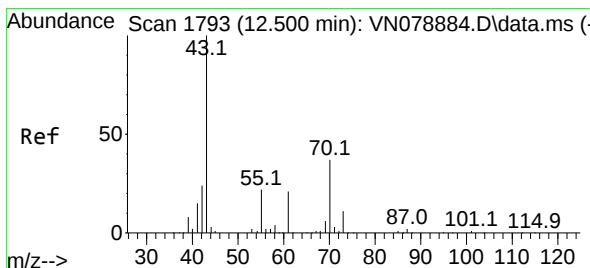
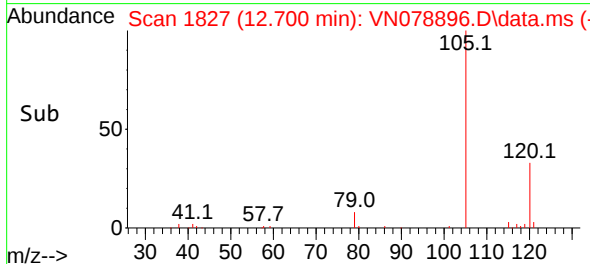
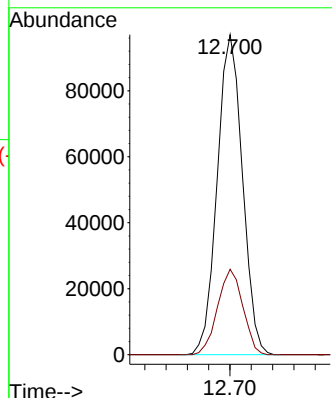
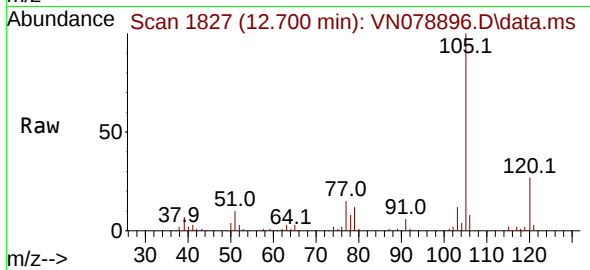
#73
Isopropylbenzene
Concen: 18.875 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion:105 Resp: 15932
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

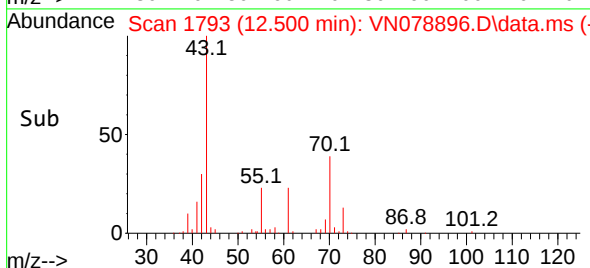
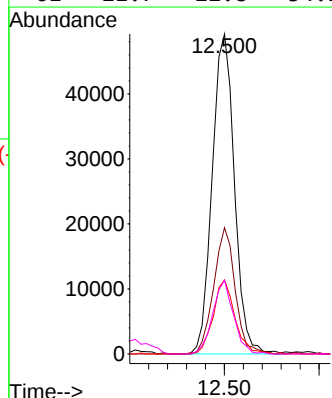
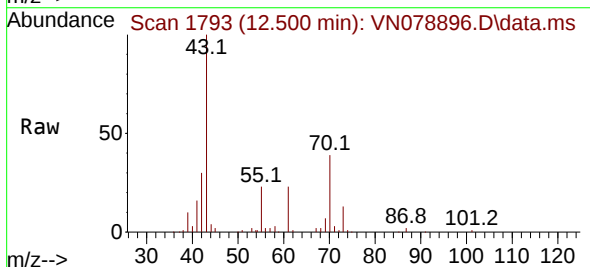
Manual Integrations
APPROVED

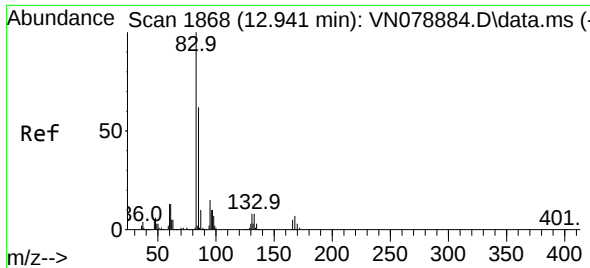
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#74
N-ethyl acetate
Concen: 18.832 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

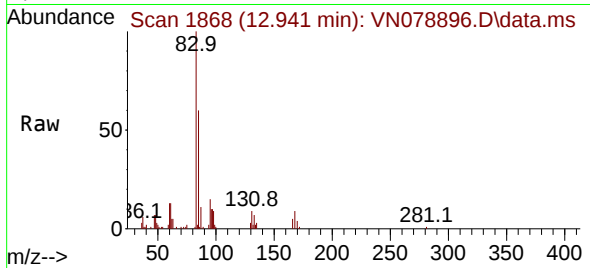
Tgt Ion: 43 Resp: 80236
Ion Ratio Lower Upper
43 100
70 38.1 43.4 65.2#
55 22.7 21.4 32.0
61 21.7 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.063 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

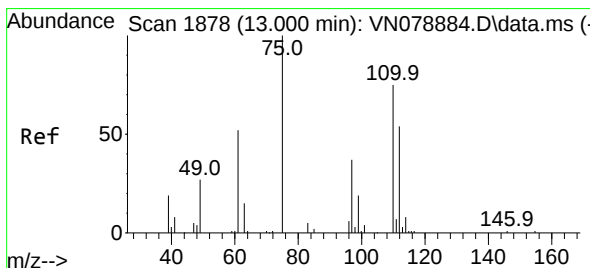
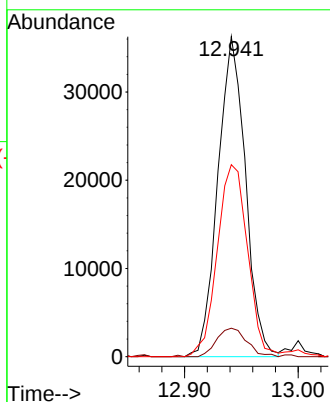
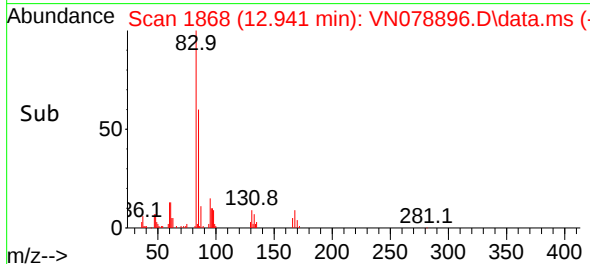
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 83 Resp: 6114
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 65.9 31.9 95.7

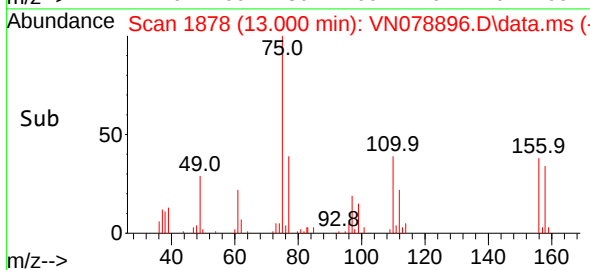
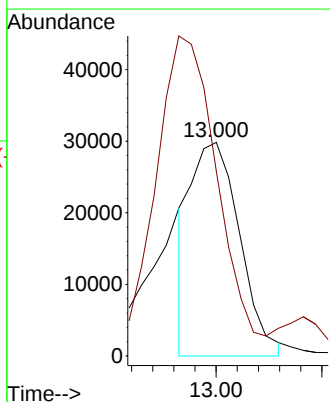
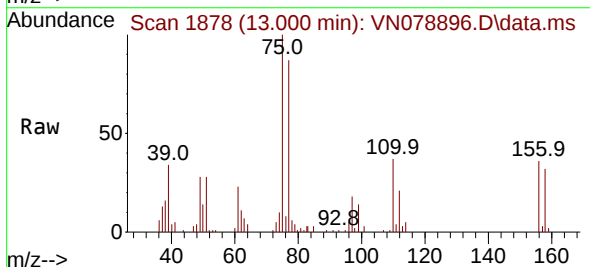
Manual Integrations
APPROVED

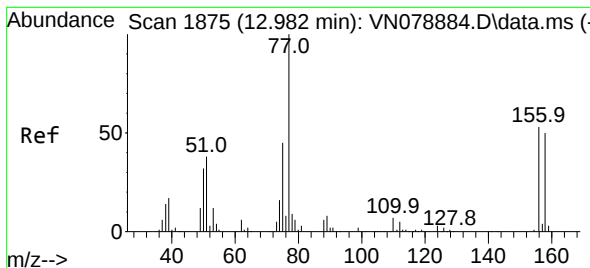
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#76
1,2,3-Trichloropropane
Concen: 19.630 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 75 Resp: 47882
Ion Ratio Lower Upper
75 100
77 191.2 84.5 253.5





#77

Bromobenzene

Concen: 18.719 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

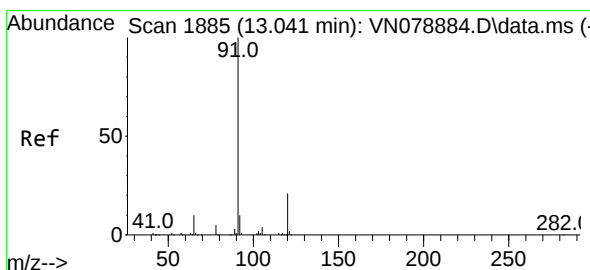
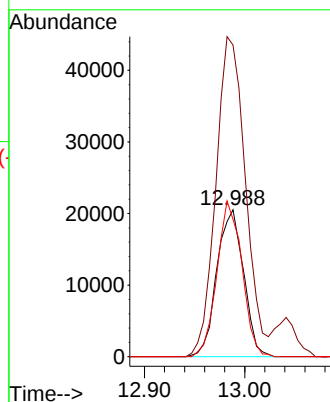
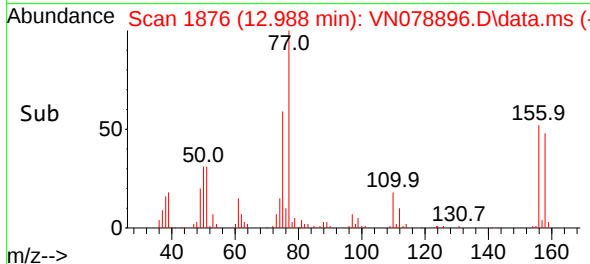
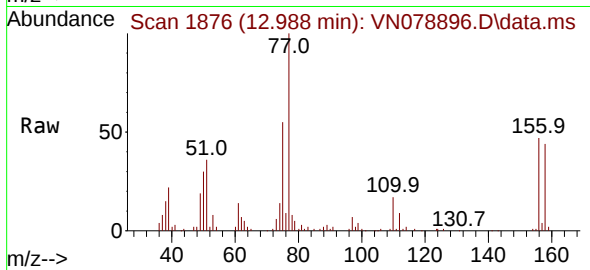
Tgt Ion:156 Resp: 3798
 Ion Ratio Lower Upper
 156 100
 77 241.0 107.7 323.3
 158 99.1 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#78

n-propylbenzene

Concen: 19.467 ug/l

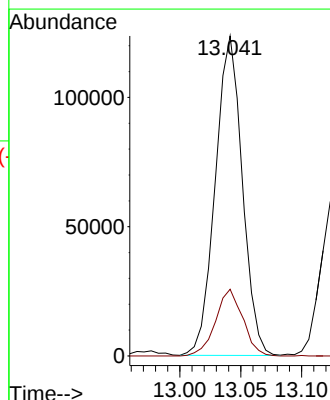
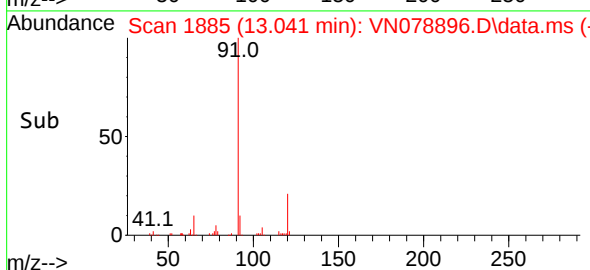
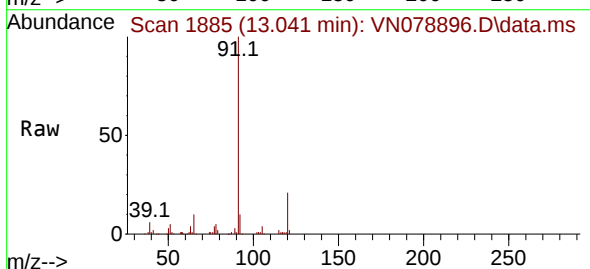
RT: 13.041 min Scan# 1885

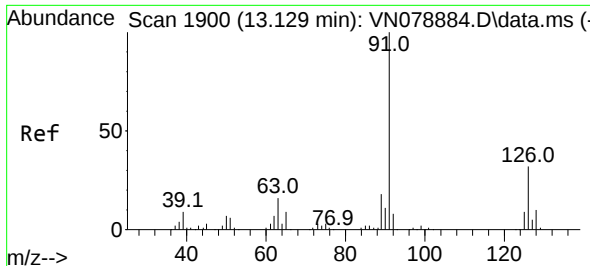
Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Tgt Ion: 91 Resp: 190544
 Ion Ratio Lower Upper
 91 100
 120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.287 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 91 Resp: 11710

Ion Ratio Lower Upper

91 100

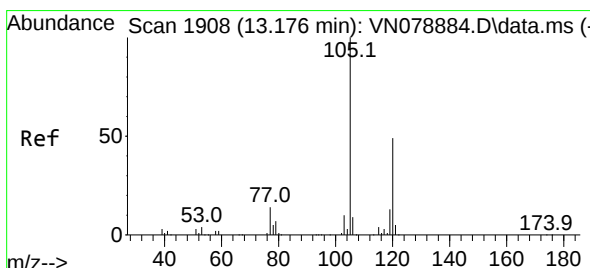
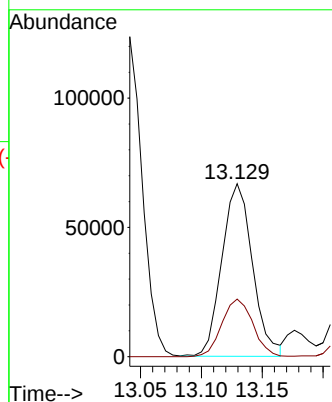
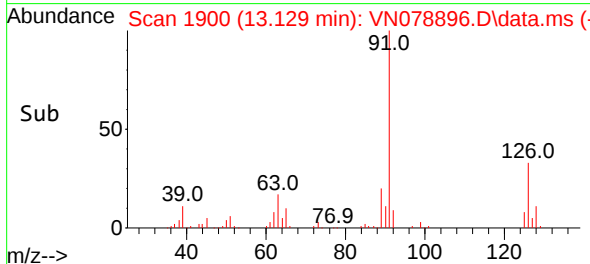
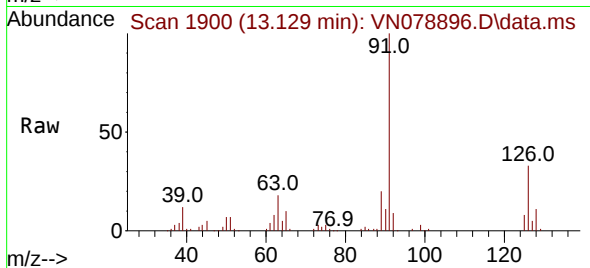
126 33.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.347 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078896.D

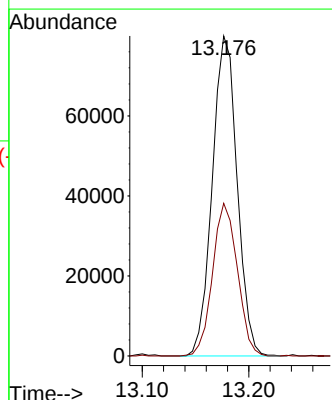
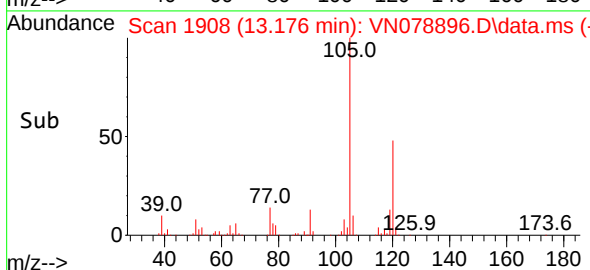
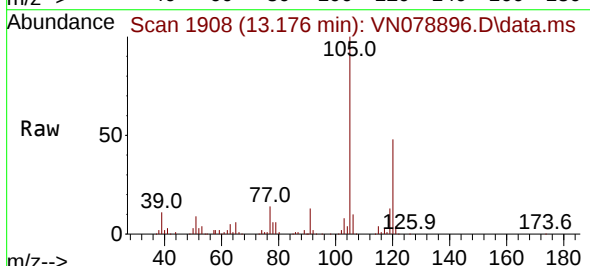
Acq: 16 Aug 2023 12:27

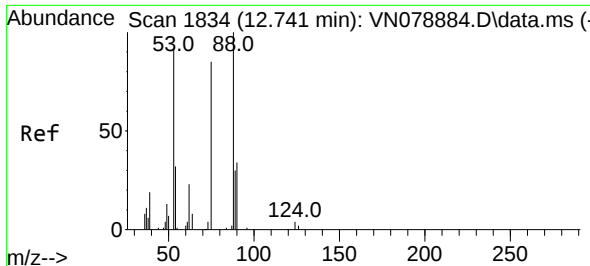
Tgt Ion:105 Resp: 129418

Ion Ratio Lower Upper

105 100

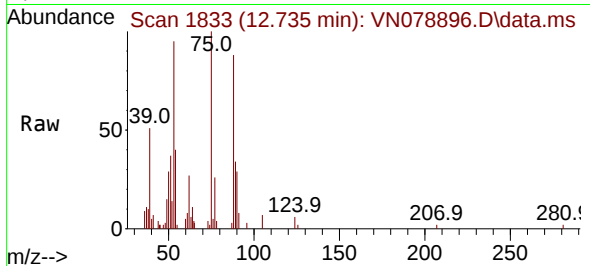
120 47.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.146 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

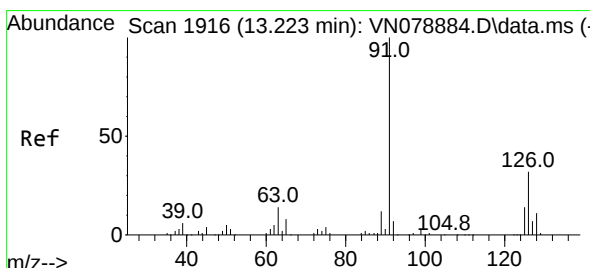
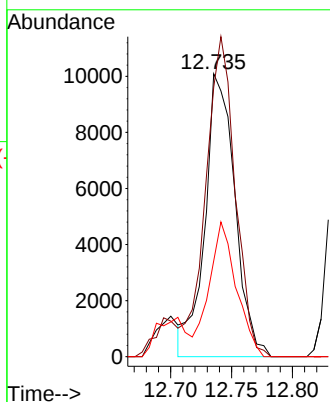
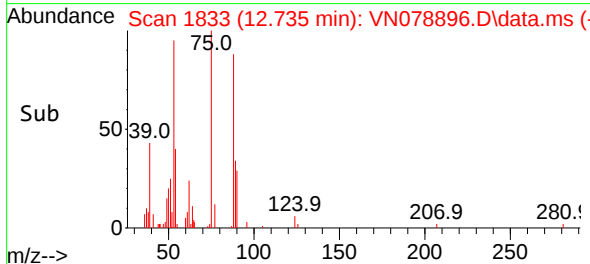
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 75 Resp: 1732
Ion Ratio Lower Upper
75 100
53 111.2 67.4 101.2
89 43.0 38.8 58.2

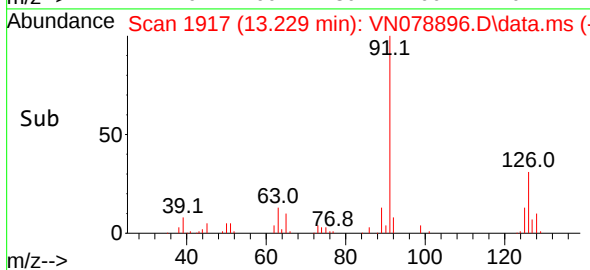
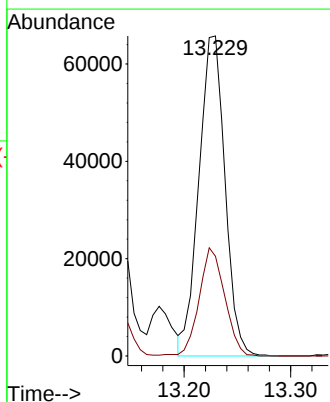
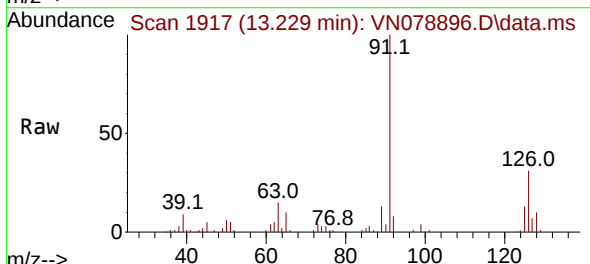
Manual Integrations
APPROVED

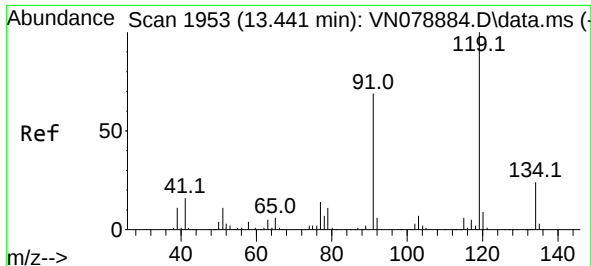
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#82
4-Chlorotoluene
Concen: 18.915 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

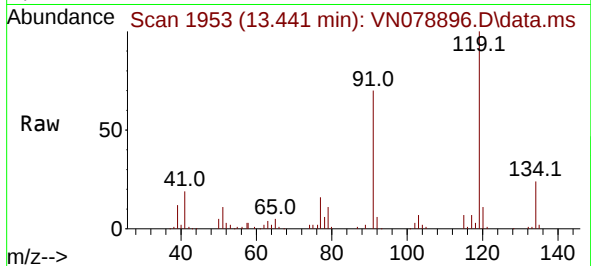
Tgt Ion: 91 Resp: 112375
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.278 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

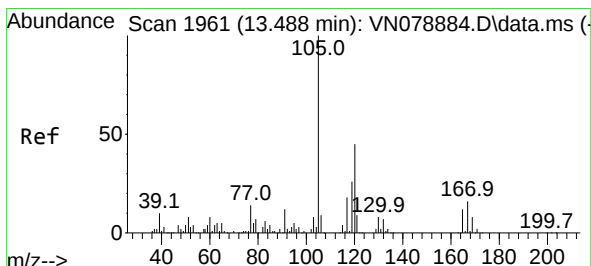
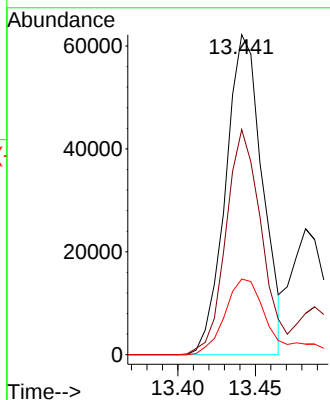
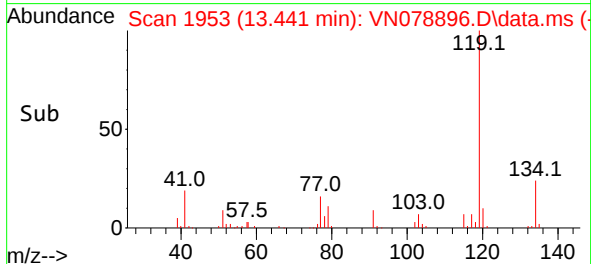
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



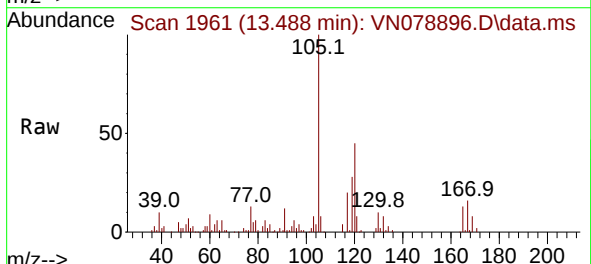
Tgt Ion:119 Resp: 10272
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 28.2 13.2 39.6

Manual Integrations
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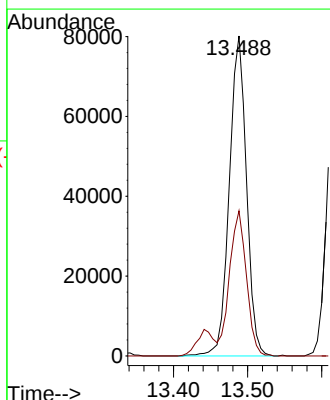
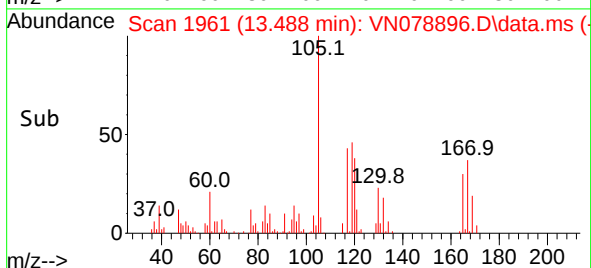
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

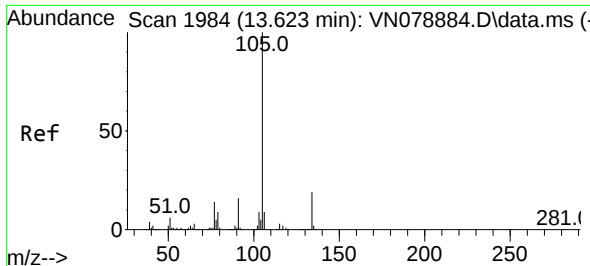


#84
1,2,4-Trimethylbenzene
Concen: 19.452 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27



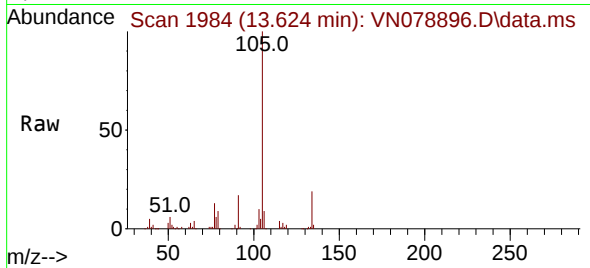
Tgt Ion:105 Resp: 128838
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.436 ug/l
 RT: 13.624 min Scan# 1984
 Delta R.T. 0.001 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

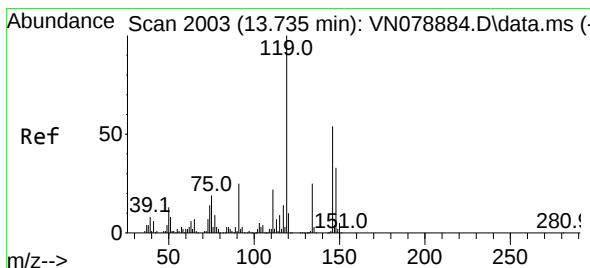
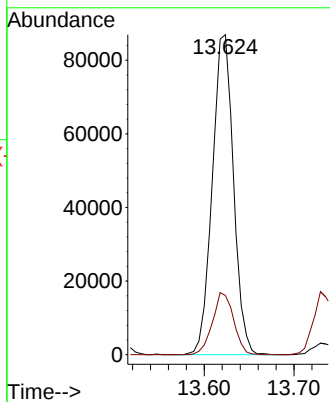
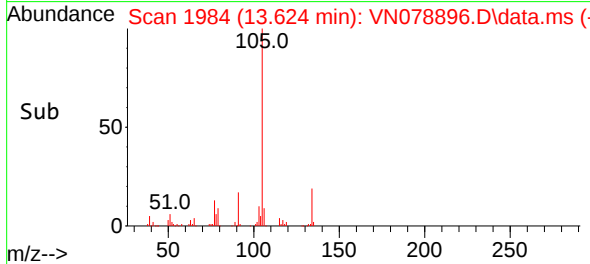
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01



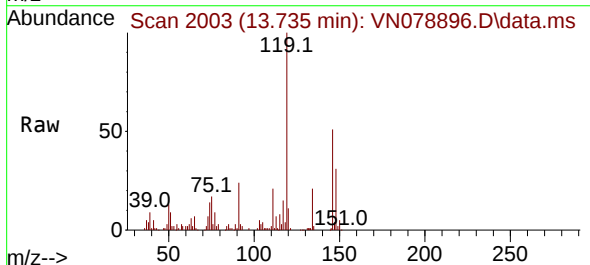
Tgt Ion:105 Resp: 142597
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
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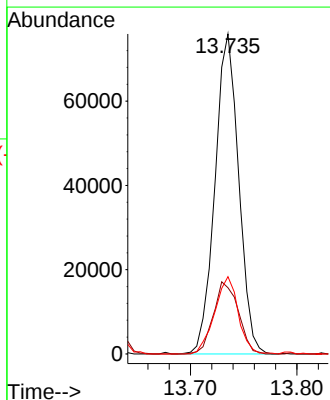
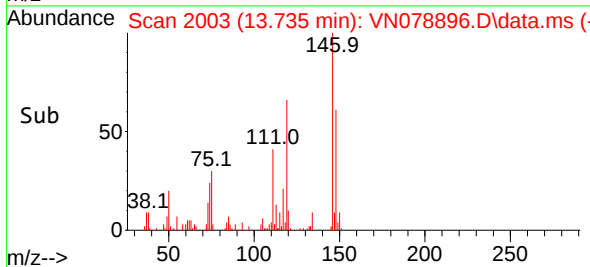
Reviewed By :John Carlone 08/17/2023
 Supervised By :Mahesh Dadoda 08/17/2023

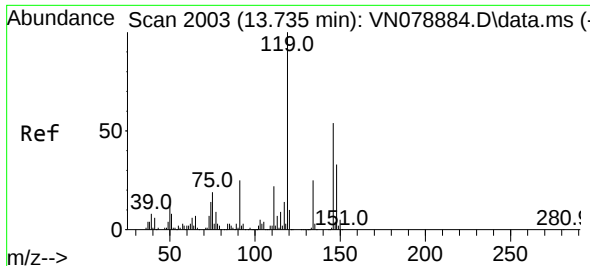


#86
 p-Isopropyltoluene
 Concen: 18.994 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27



Tgt Ion:119 Resp: 117375
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.6 37.8
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.260 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

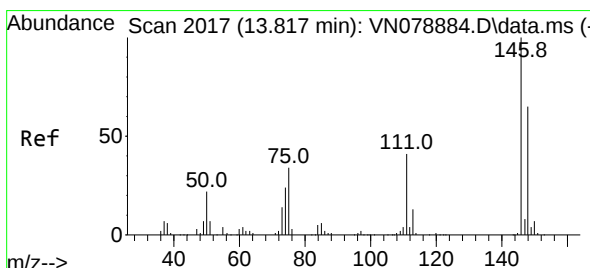
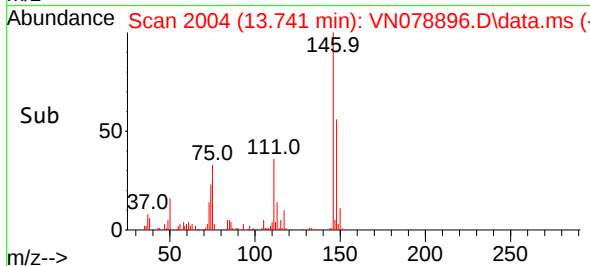
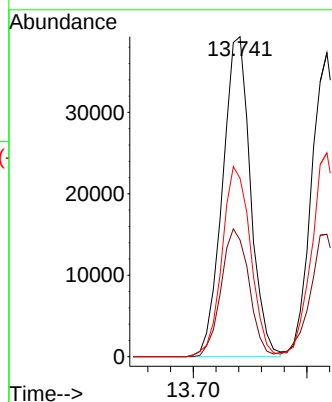
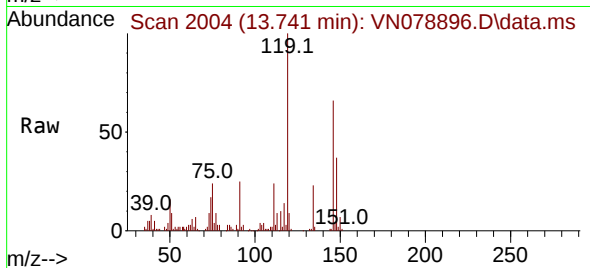
Tgt Ion:146 Resp: 67244
 Ion Ratio Lower Upper
 146 100
 111 39.8 22.1 66.3
 148 60.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#88

1,4-Dichlorobenzene

Concen: 18.248 ug/l

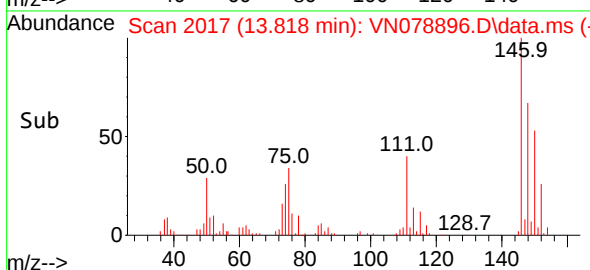
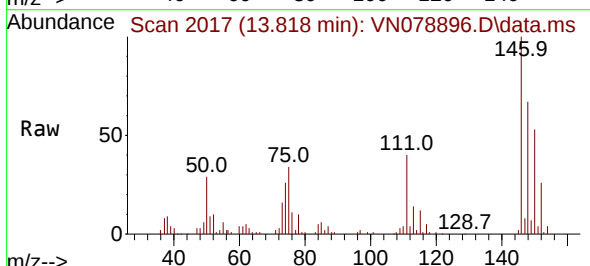
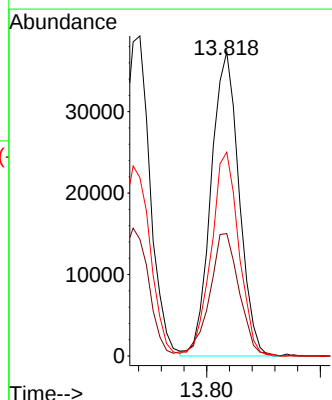
RT: 13.818 min Scan# 2017

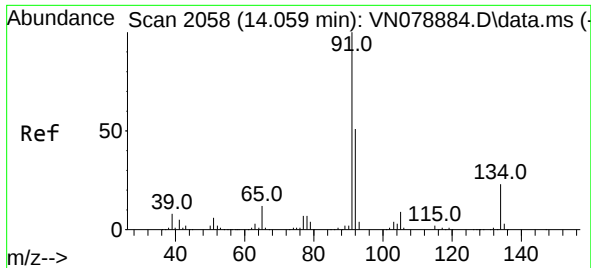
Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Tgt Ion:146 Resp: 63768
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.6 61.8
 148 66.3 31.6 94.8





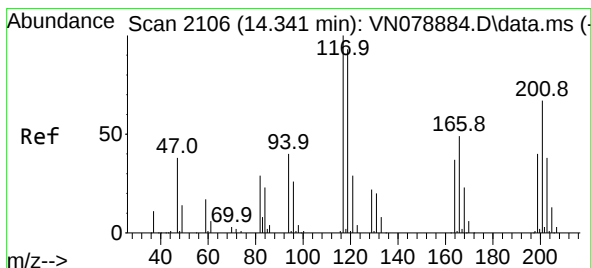
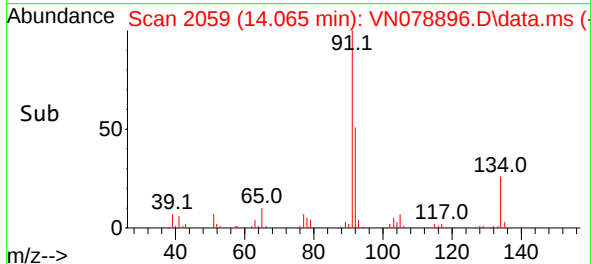
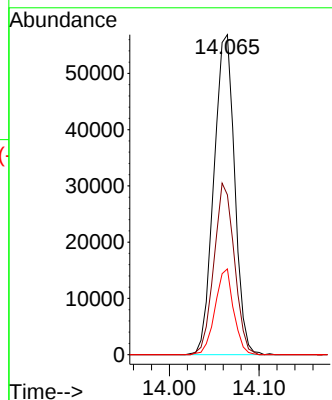
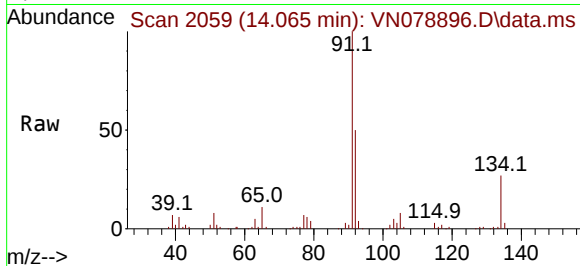
#89
n-Butylbenzene
Concen: 17.963 ug/l
RT: 14.065 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 91 Resp: 91350
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 24.0 12.6 37.6

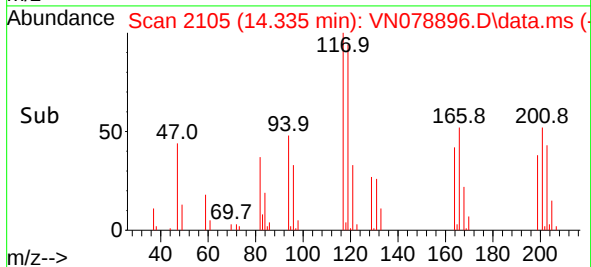
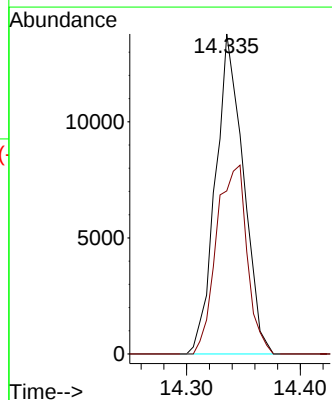
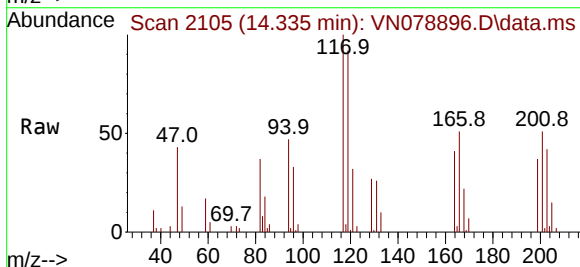
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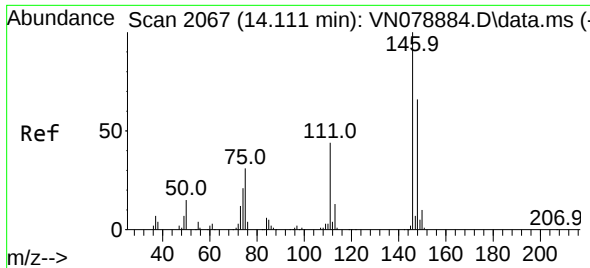
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#90
Hexachloroethane
Concen: 18.964 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:117 Resp: 23491
Ion Ratio Lower Upper
117 100
201 64.7 29.3 88.0





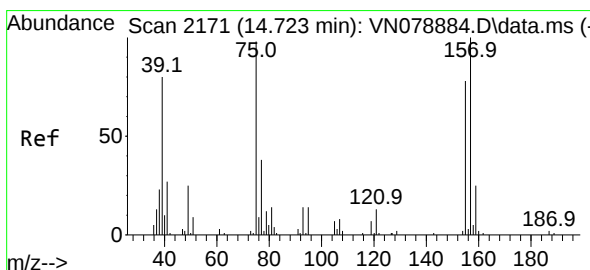
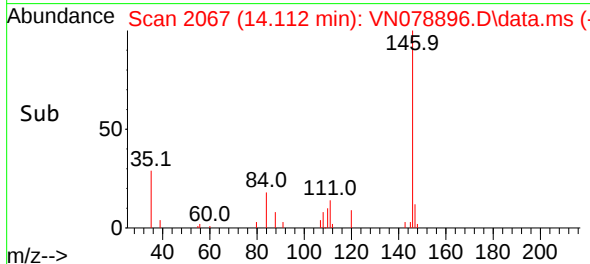
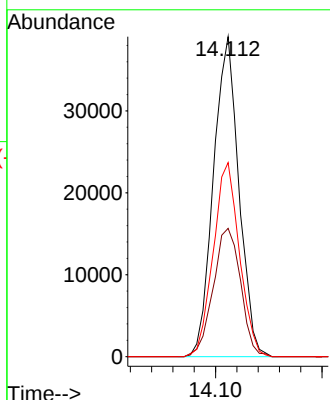
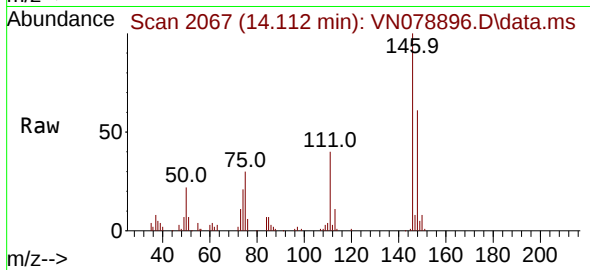
#91
1,2-Dichlorobenzene
Concen: 18.611 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion:146 Resp: 64618
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 62.4 31.8 95.3

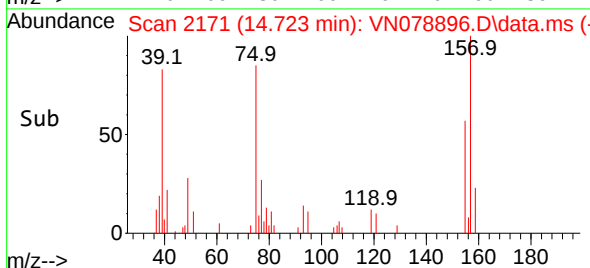
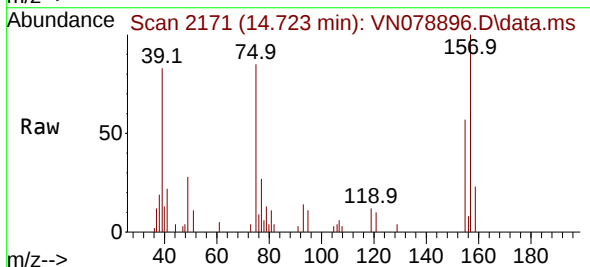
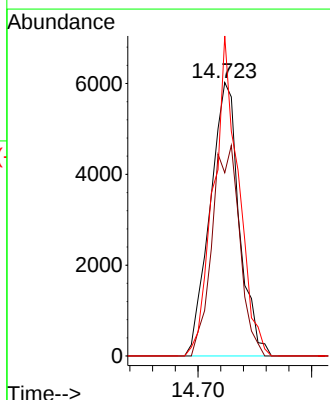
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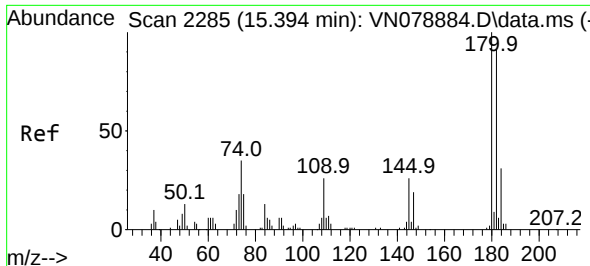
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.630 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

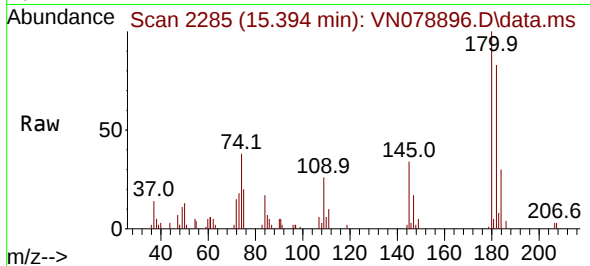
Tgt Ion: 75 Resp: 10761
Ion Ratio Lower Upper
75 100
155 73.0 39.1 117.2
157 99.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.903 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

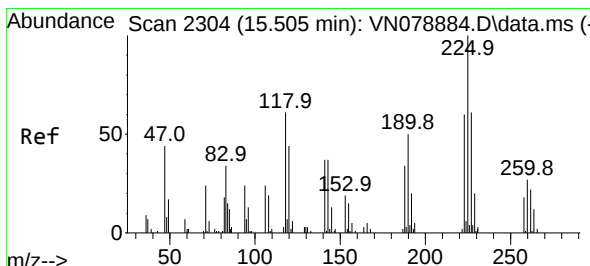
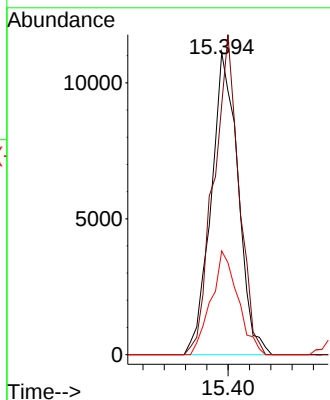
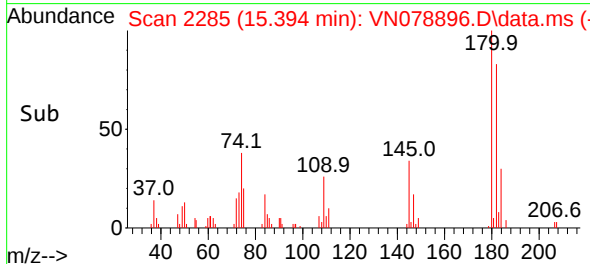
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



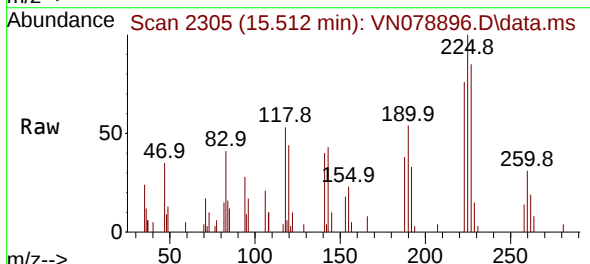
Tgt Ion:180 Resp: 19574
Ion Ratio Lower Upper
180 100
182 99.0 46.1 138.2
145 34.0 16.6 49.8

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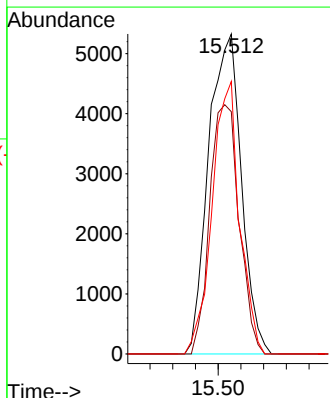
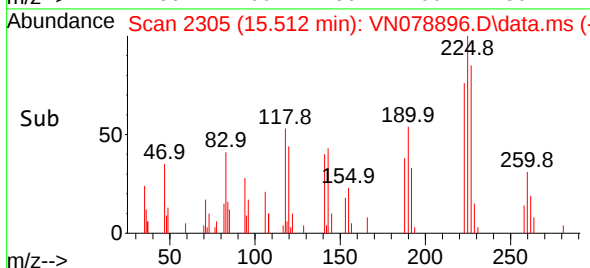
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

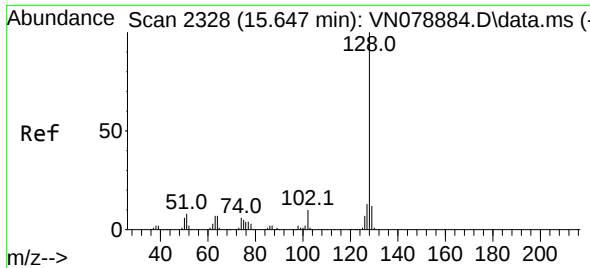


#94
Hexachlorobutadiene
Concen: 14.815 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27



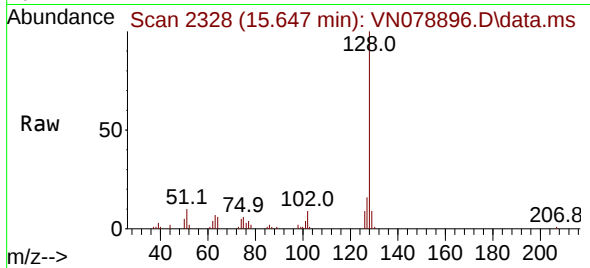
Tgt Ion:225 Resp: 10669
Ion Ratio Lower Upper
225 100
223 70.0 31.3 93.8
227 71.2 31.9 95.9





#95
Naphthalene
Concen: 14.680 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

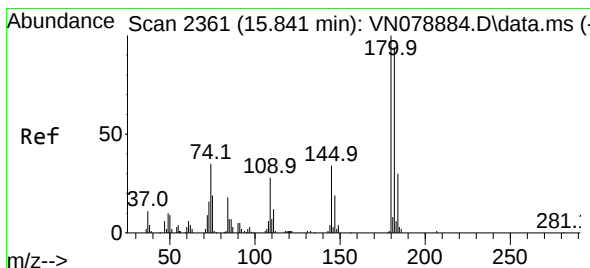
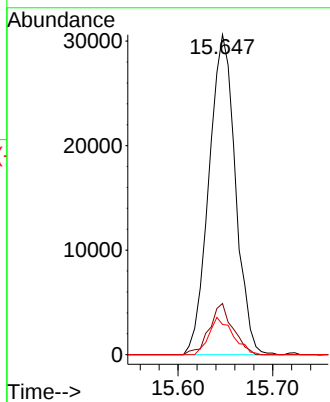
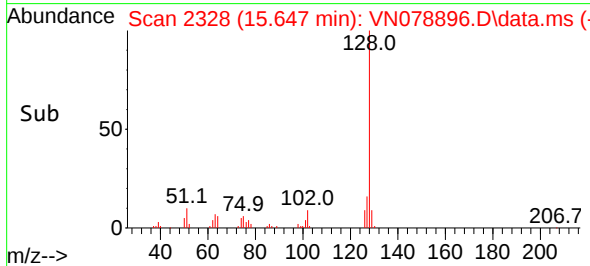
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion:128 Resp: 59540
Ion Ratio Lower Upper
128 100
127 14.1 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.432 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:180 Resp: 20803
Ion Ratio Lower Upper
180 100
182 98.9 46.2 138.6
145 36.4 17.5 52.6

