

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079266.D
 Acq On : 15 Sep 2023 12:44
 Operator : JC\MD
 Sample : VN0915MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

Quant Time: Sep 16 01:37:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	171389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	124868	53.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.940%			
35) Dibromofluoromethane	8.177	113	95393	46.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.900%			
50) Toluene-d8	10.570	98	352259	47.212	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.420%			
62) 4-Bromofluorobenzene	12.853	95	111109	46.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39848	23.498	ug/l	95
3) Chloromethane	2.365	50	52259	23.475	ug/l	91
4) Vinyl Chloride	2.518	62	59326	24.458	ug/l	94
5) Bromomethane	2.953	94	36045	25.852	ug/l	97
6) Chloroethane	3.124	64	41960	26.590	ug/l	100
7) Trichlorofluoromethane	3.500	101	79206	22.300	ug/l	97
8) Diethyl Ether	3.959	74	27543	22.341	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	42836	22.677	ug/l	98
10) Methyl Iodide	4.588	142	40737	26.364	ug/l	93
11) Tert butyl alcohol	5.530	59	40147	93.991	ug/l	99
12) 1,1-Dichloroethene	4.341	96	39493	21.605	ug/l	82
13) Acrolein	4.177	56	38752	95.110	ug/l	97
14) Allyl chloride	5.030	41	62056	21.281	ug/l	90
15) Acrylonitrile	5.724	53	115680	104.446	ug/l	99
16) Acetone	4.430	43	120873	123.014	ug/l	90
17) Carbon Disulfide	4.712	76	106593	18.658	ug/l	100
18) Methyl Acetate	5.024	43	88557	21.929	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	136124	21.713	ug/l	94
20) Methylene Chloride	5.283	84	50559	21.144	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	44571	21.019	ug/l	88
22) Diisopropyl ether	6.677	45	154145	24.093	ug/l #	87
23) Vinyl Acetate	6.606	43	444950	113.066	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	89878	22.788	ug/l	96
25) 2-Butanone	7.488	43	162440	113.939	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	76636	23.678	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	52784	21.770	ug/l	86
28) Bromochloromethane	7.812	49	47101	26.413	ug/l #	71
29) Tetrahydrofuran	7.847	42	99554	109.730	ug/l #	76
30) Chloroform	7.971	83	93920	22.871	ug/l	92
31) Cyclohexane	8.259	56	74240	21.976	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	77745	22.210	ug/l	96
36) 1,1-Dichloropropene	8.376	75	66616	21.269	ug/l	95
37) Ethyl Acetate	7.565	43	60859	19.481	ug/l #	93
38) Carbon Tetrachloride	8.365	117	67663	20.876	ug/l	99
39) Methylcyclohexane	9.606	83	67058	21.705	ug/l #	88
40) Benzene	8.612	78	201979	21.066	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	34920	22.170	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	72237	21.885	ug/l	98
43) Isopropyl Acetate	8.694	43	105109	20.620	ug/l #	91
44) Trichloroethene	9.353	130	46538	19.703	ug/l	99
45) 1,2-Dichloropropane	9.623	63	54273	22.808	ug/l	93
46) Dibromomethane	9.712	93	34090	21.104	ug/l	92
47) Bromodichloromethane	9.888	83	73576	22.238	ug/l	100
48) Methyl methacrylate	9.688	41	47750	20.913	ug/l #	82
49) 1,4-Dioxane	9.700	88	17829	379.651	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	319130	107.851	ug/l	89
52) Toluene	10.635	92	123288	20.923	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	72700	20.839	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	81368	21.807	ug/l	92
55) 1,1,2-Trichloroethane	11.017	97	49066	21.222	ug/l	96
56) Ethyl methacrylate	10.876	69	68280	20.921	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	85990	21.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	84885	67.144	ug/l	89
59) 2-Hexanone	11.200	43	233695	109.042	ug/l	87
60) Dibromochloromethane	11.365	129	51126	20.777	ug/l	100
61) 1,2-Dibromoethane	11.470	107	47859	20.742	ug/l	97
64) Tetrachloroethene	11.106	164	39674	19.739	ug/l	97
65) Chlorobenzene	11.894	112	123837	19.831	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	46487	19.852	ug/l	97
67) Ethyl Benzene	11.970	91	226139	21.172	ug/l	97
68) m/p-Xylenes	12.076	106	168399	42.298	ug/l	94
69) o-Xylene	12.400	106	79667	20.865	ug/l	90
70) Styrene	12.417	104	133568	21.750	ug/l	98
71) Bromoform	12.582	173	33530	19.396	ug/l #	98
73) Isopropylbenzene	12.700	105	211540	21.248	ug/l	100
74) N-amyl acetate	12.500	43	79308	20.996	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	70181	18.930	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	62513m	21.196	ug/l	
77) Bromobenzene	12.982	156	47600	18.882	ug/l	94
78) n-propylbenzene	13.041	91	248759	22.242	ug/l	97
79) 2-Chlorotoluene	13.129	91	152049	20.786	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	175606	21.168	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	18477	17.224	ug/l #	70
82) 4-Chlorotoluene	13.223	91	143780	20.918	ug/l	99
83) tert-Butylbenzene	13.441	119	138892	20.238	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	170906	21.632	ug/l	99
85) sec-Butylbenzene	13.623	105	199713	21.138	ug/l	99
86) p-Isopropyltoluene	13.735	119	161488	21.394	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	81491	19.708	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	82168	19.666	ug/l	99
89) n-Butylbenzene	14.058	91	129003	21.733	ug/l	97
90) Hexachloroethane	14.335	117	31494	20.546	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	82099	20.113	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	10667	18.927	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	24941	17.003	ug/l	98
94) Hexachlorobutadiene	15.505	225	19767	17.131	ug/l	97
95) Naphthalene	15.647	128	64613	14.831	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	26503	15.317	ug/l	93

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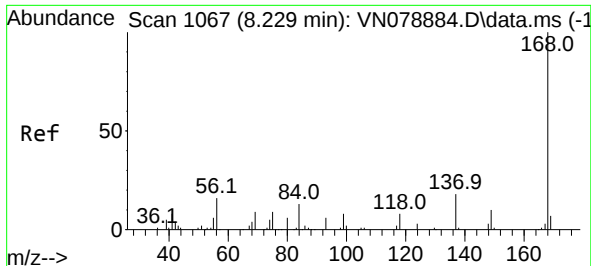
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

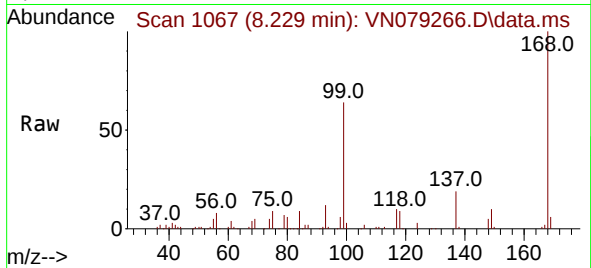
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079266.D
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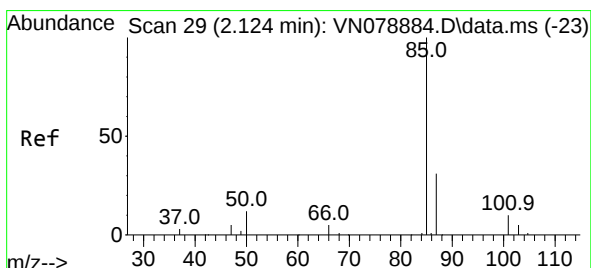
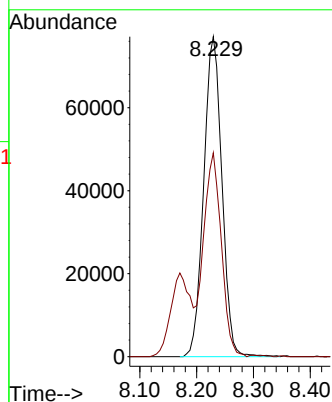
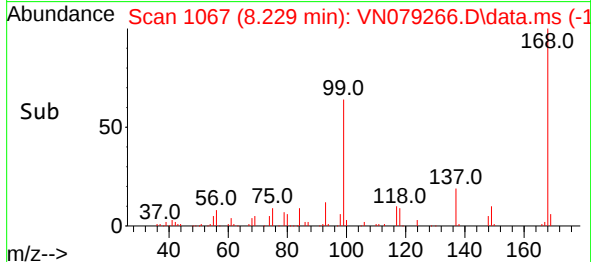
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



Tgt Ion:168 Resp: 171389
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6

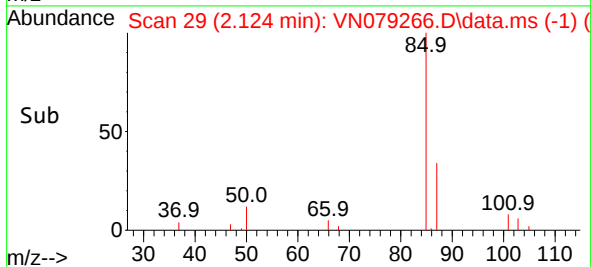
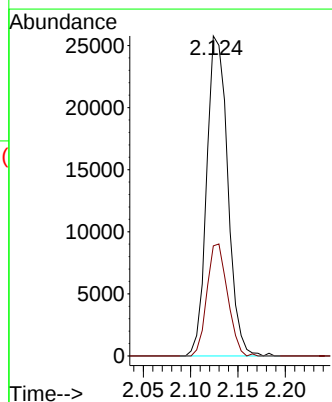
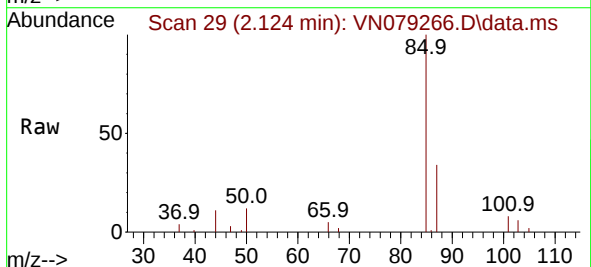
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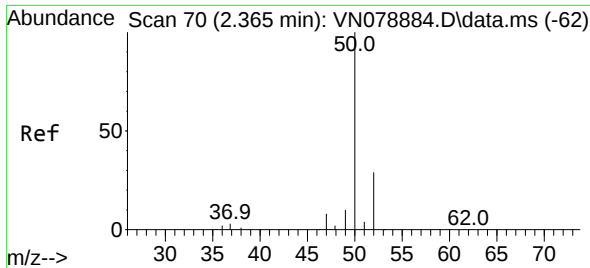
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#2
Dichlorodifluoromethane
Concen: 23.498 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Tgt Ion: 85 Resp: 39848
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





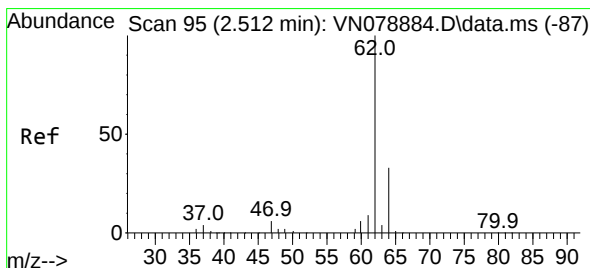
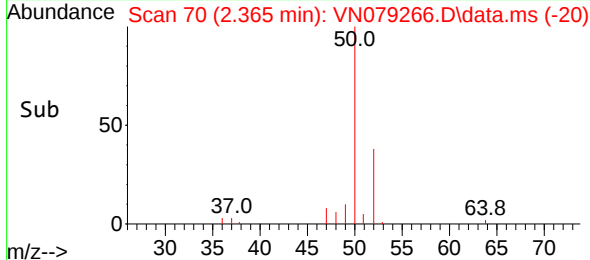
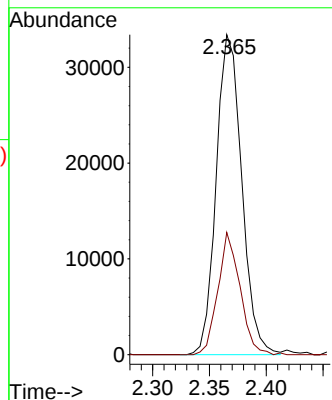
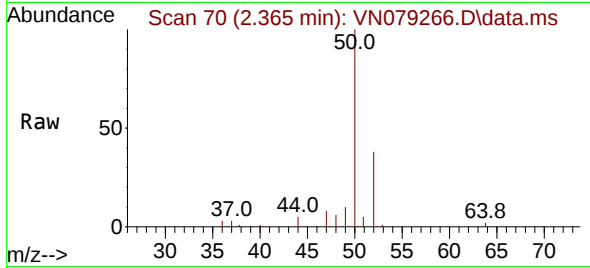
#3
Chloromethane
Concen: 23.475 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

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Tgt Ion: 50 Resp: 5225
Ion Ratio Lower Upper
50 100
52 38.2 26.5 39.7

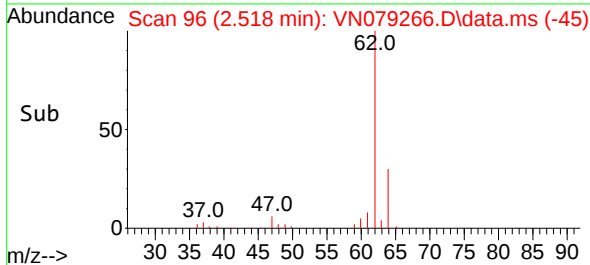
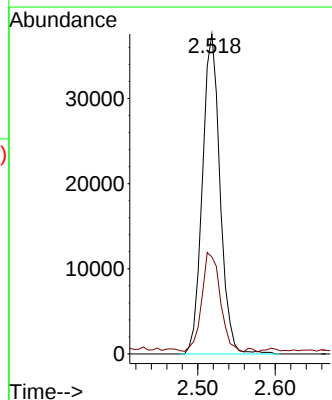
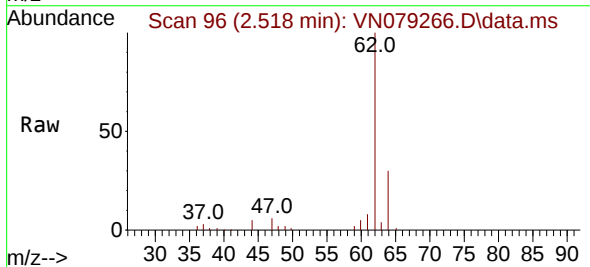
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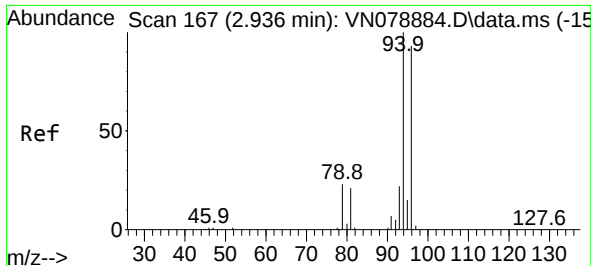
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#4
Vinyl Chloride
Concen: 24.458 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Tgt Ion: 62 Resp: 59326
Ion Ratio Lower Upper
62 100
64 29.3 26.2 39.2





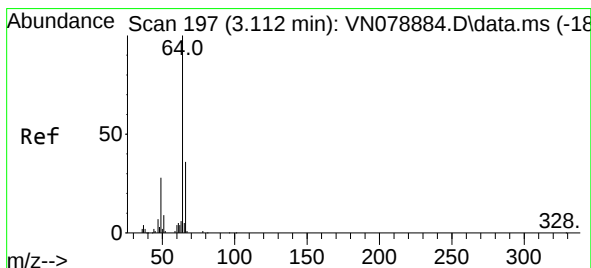
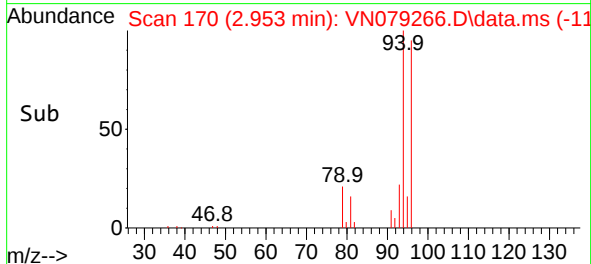
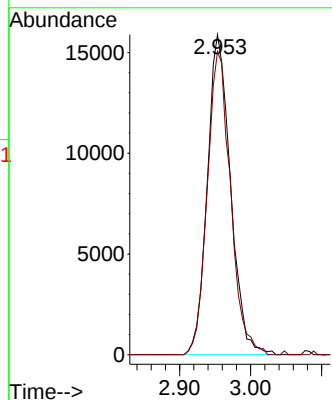
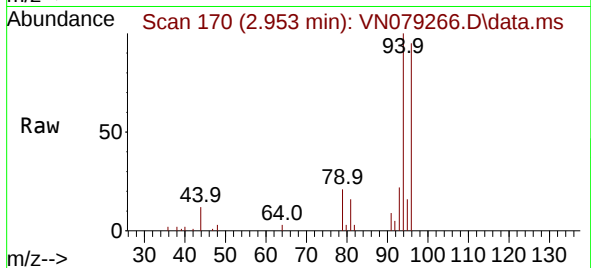
#5
Bromomethane
Concen: 25.852 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
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Tgt Ion: 94 Resp: 3604
Ion Ratio Lower Upper
94 100
96 94.7 73.1 109.7

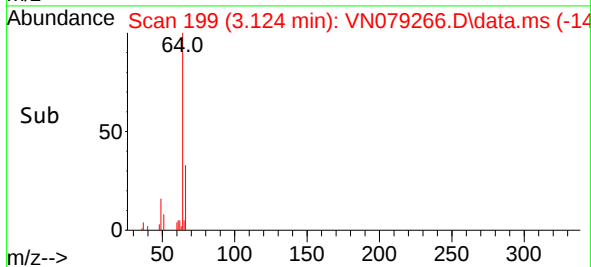
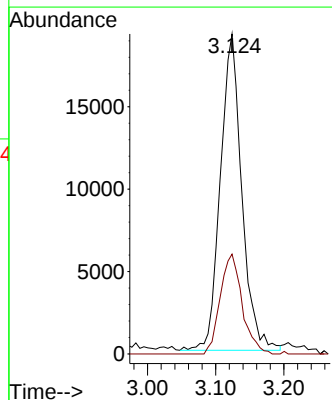
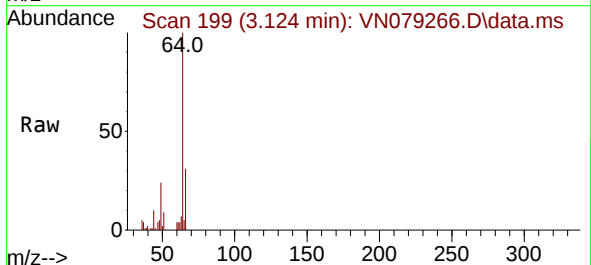
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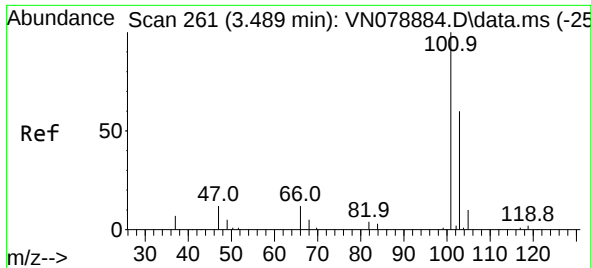
Reviewed By :John Carlone 09/18/2023
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#6
Chloroethane
Concen: 26.590 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079266.D
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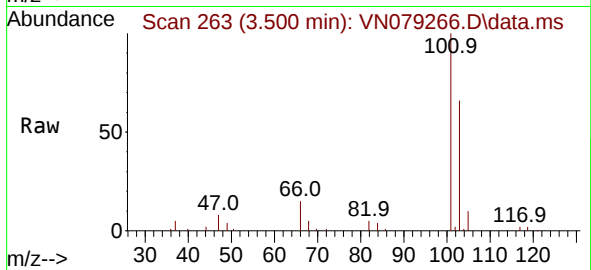
Tgt Ion: 64 Resp: 41960
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 22.300 ug/l
RT: 3.500 min Scan# 261
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

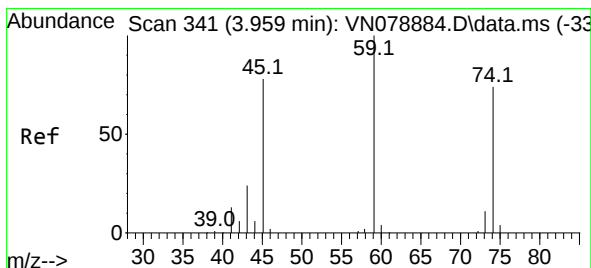
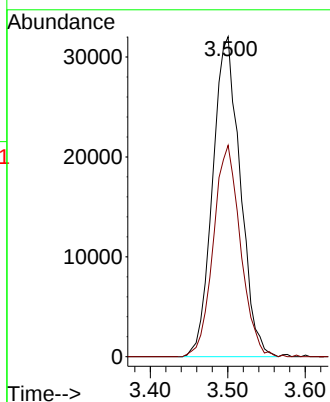
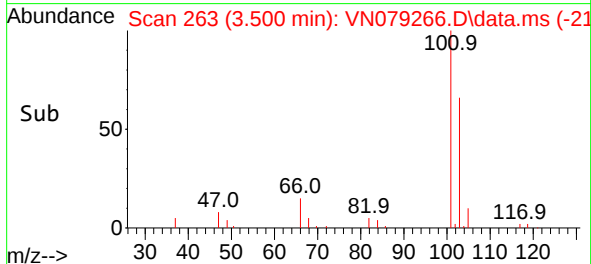
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VN0915MBS02



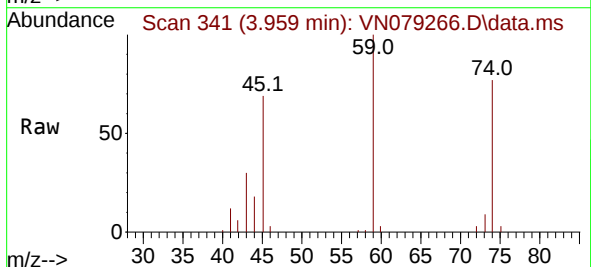
Tgt Ion:101 Resp: 79200
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1

Manual Integrations
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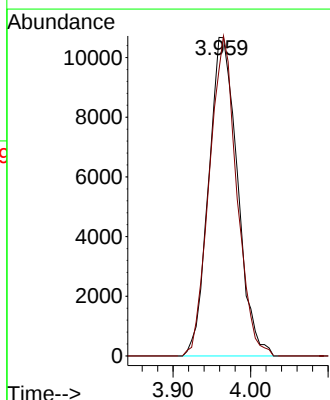
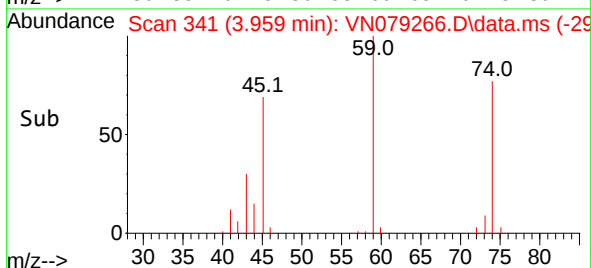
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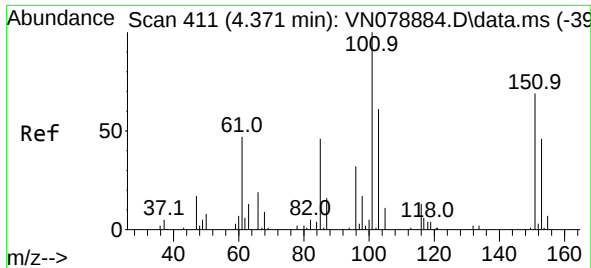


#8
Diethyl Ether
Concen: 22.341 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion: 74 Resp: 27543
Ion Ratio Lower Upper
74 100
45 95.7 34.4 103.3





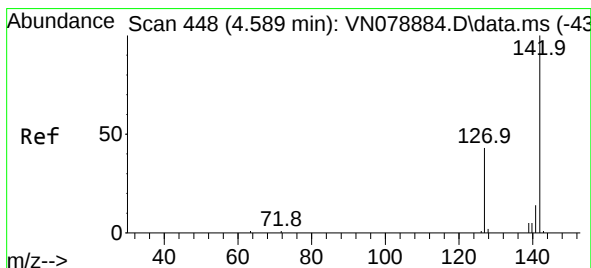
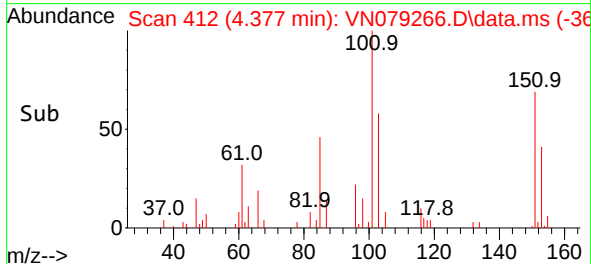
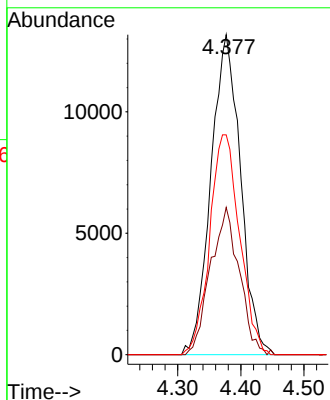
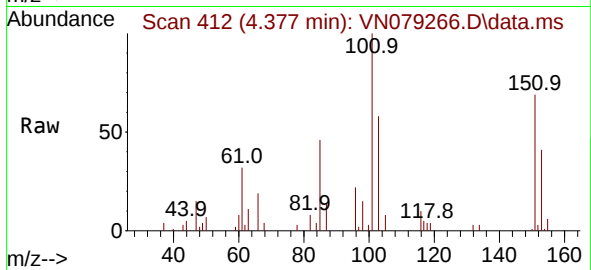
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.677 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion:101 Resp: 42830
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 69.7 57.6 86.4

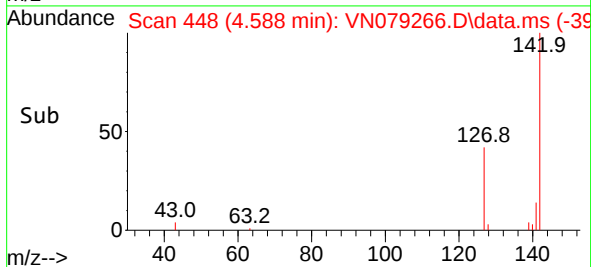
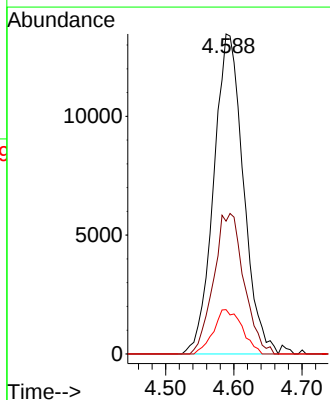
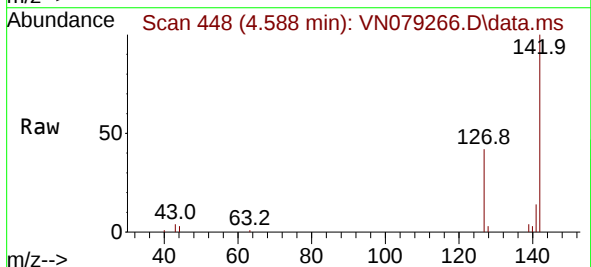
Manual Integrations
APPROVED

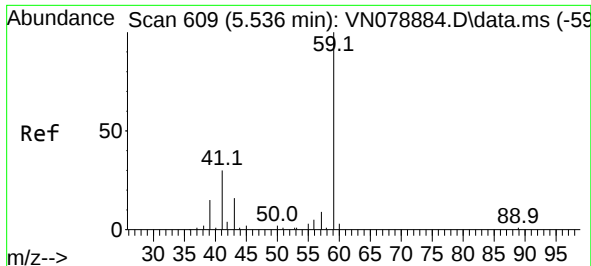
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#10
Methyl Iodide
Concen: 26.364 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

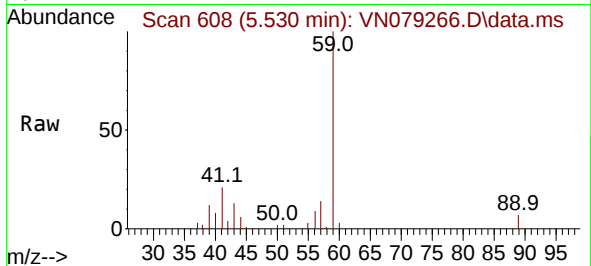
Tgt Ion:142 Resp: 40737
Ion Ratio Lower Upper
142 100
127 41.5 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 93.991 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

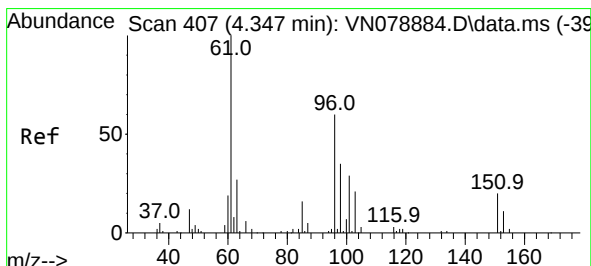
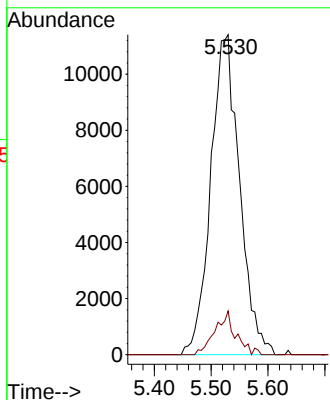
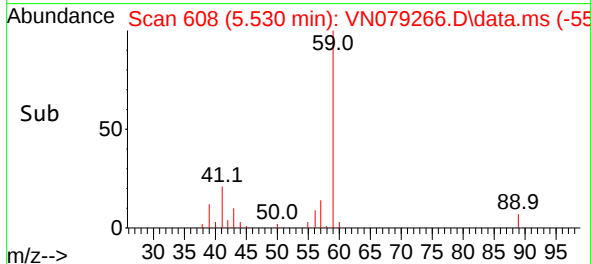
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



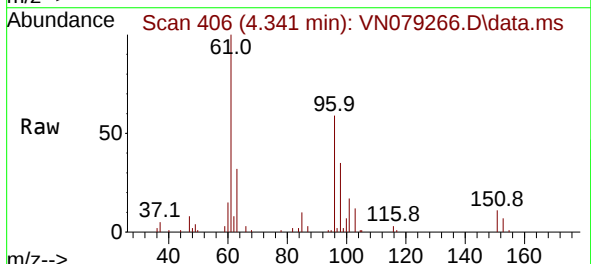
Tgt Ion: 59 Resp: 4014
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations
APPROVED

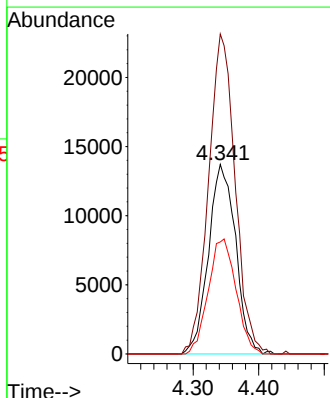
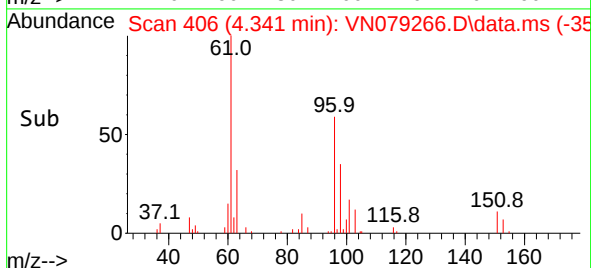
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

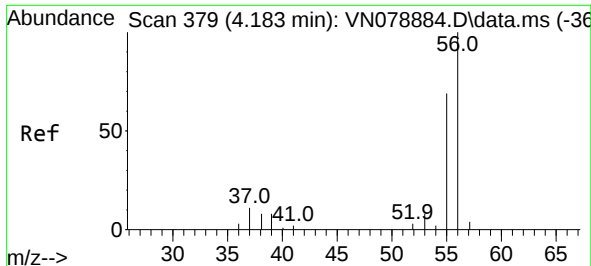


#12
1,1-Dichloroethene
Concen: 21.605 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion: 96 Resp: 39493
Ion Ratio Lower Upper
96 100
61 168.8 112.7 169.1
98 59.1 51.2 76.8





#13

Acrolein

Concen: 95.110 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.018 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

Tgt Ion: 56 Resp: 3875

Ion Ratio Lower Upper

56 100

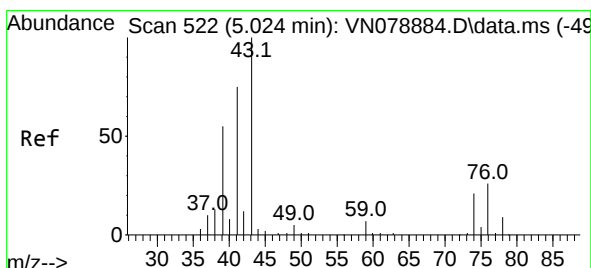
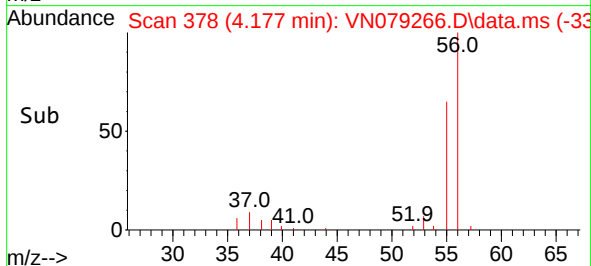
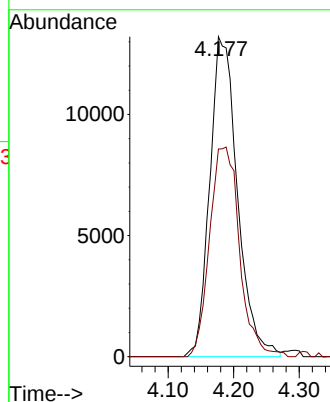
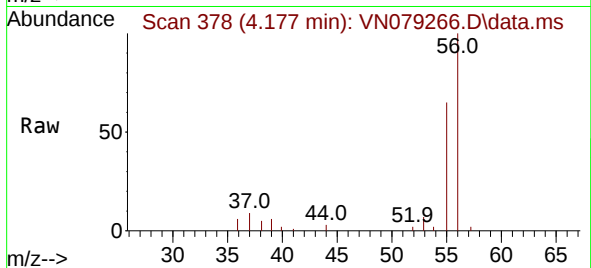
55 70.6 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#14

Allyl chloride

Concen: 21.281 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

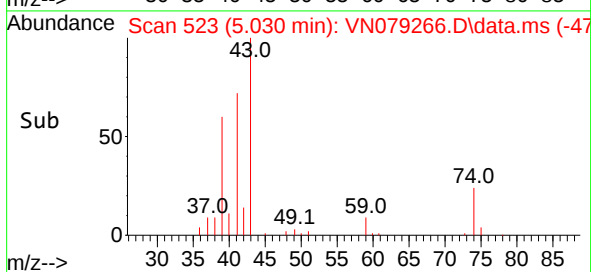
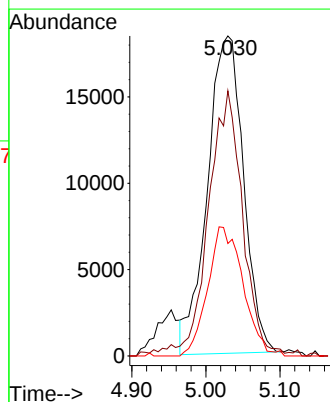
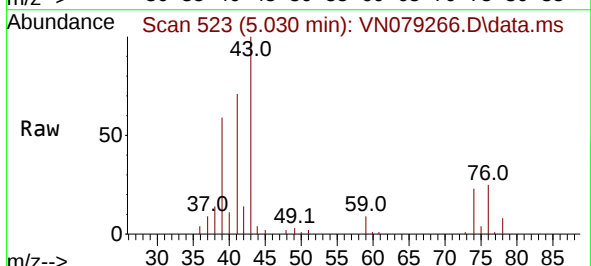
Tgt Ion: 41 Resp: 62056

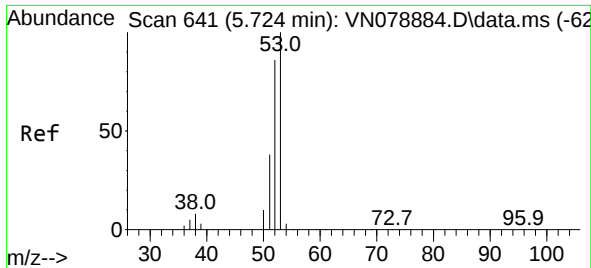
Ion Ratio Lower Upper

41 100

39 79.7 58.8 88.2

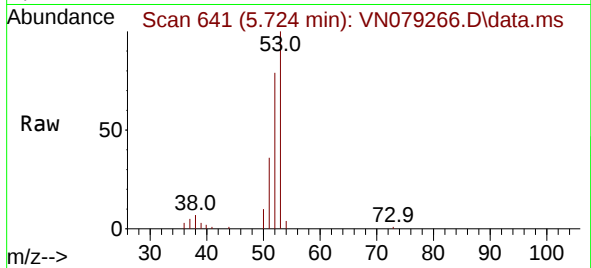
76 39.9 39.1 58.7





#15
Acrylonitrile
Concen: 104.446 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

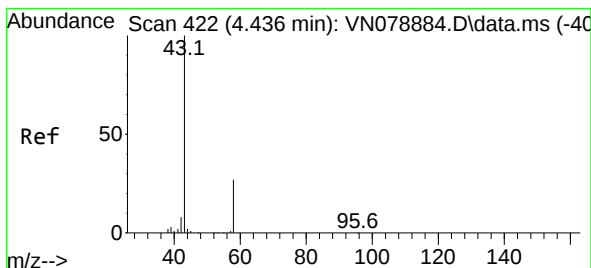
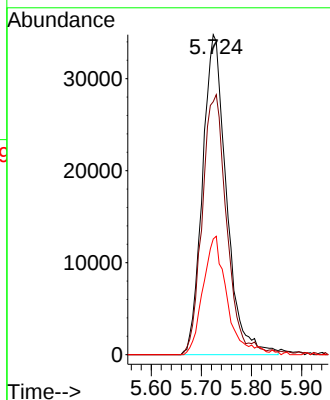
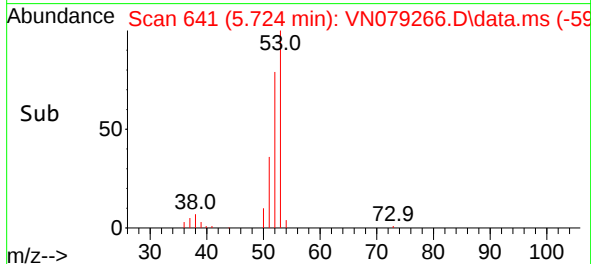
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



Tgt Ion: 53 Resp: 115680
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.9 28.9 43.3

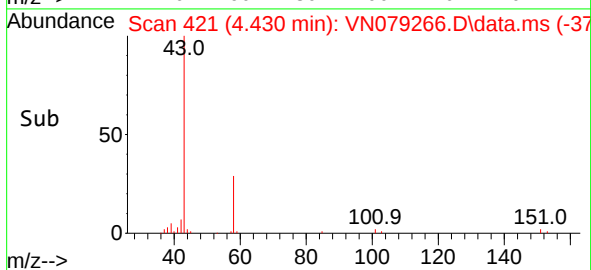
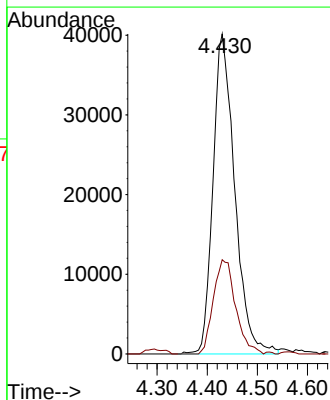
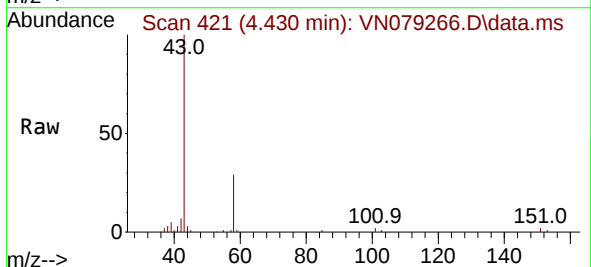
Manual Integrations
APPROVED

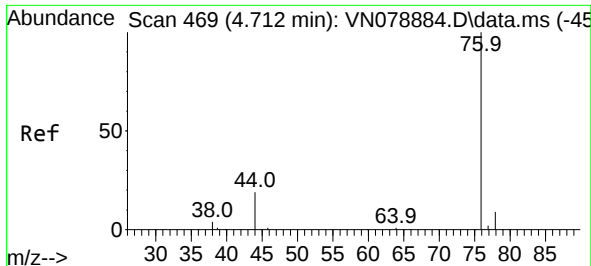
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#16
Acetone
Concen: 123.014 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

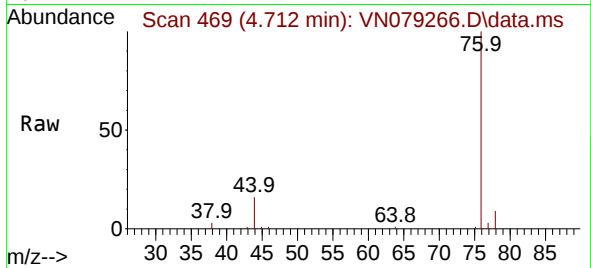
Tgt Ion: 43 Resp: 120873
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0





#17
Carbon Disulfide
Concen: 18.658 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

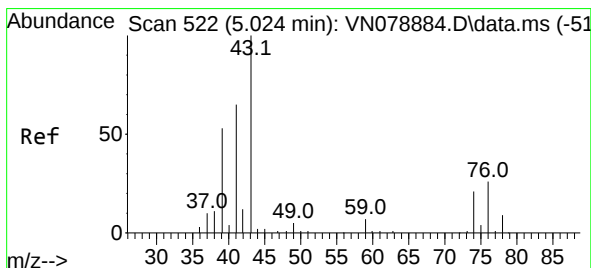
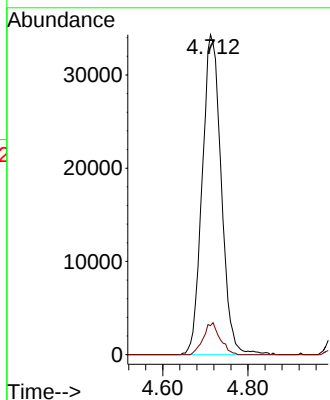
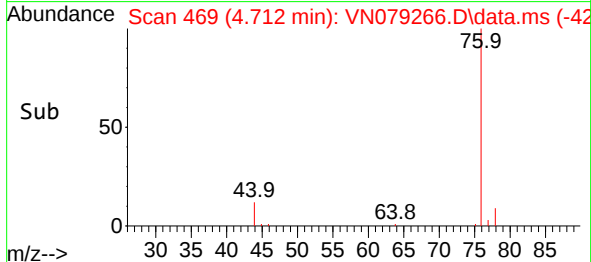
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



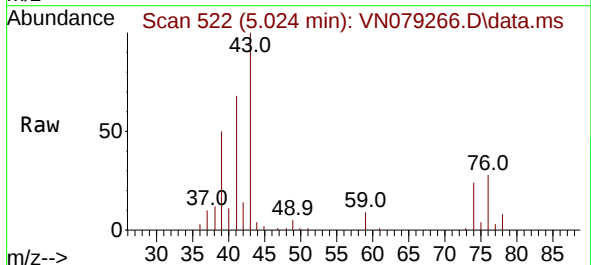
Tgt Ion: 76 Resp: 10659
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

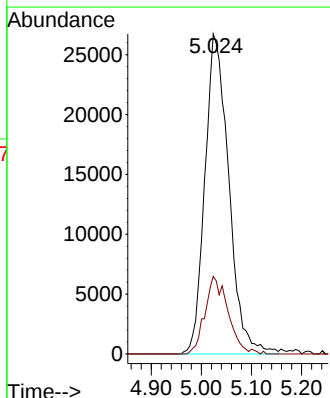
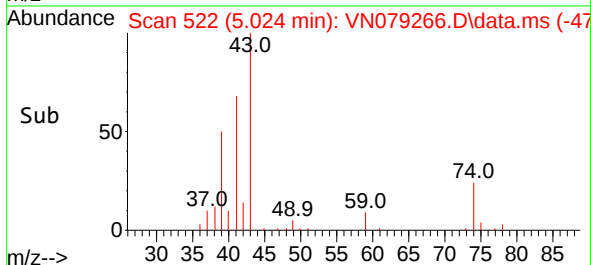
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

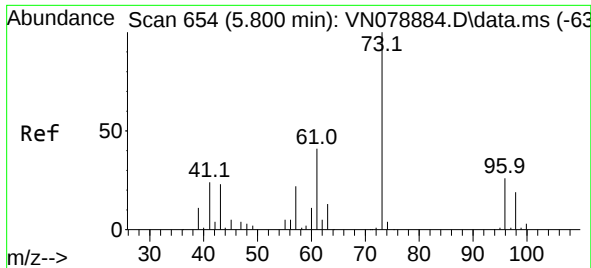


#18
Methyl Acetate
Concen: 21.929 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion: 43 Resp: 88557
Ion Ratio Lower Upper
43 100
74 23.1 26.2 39.4#





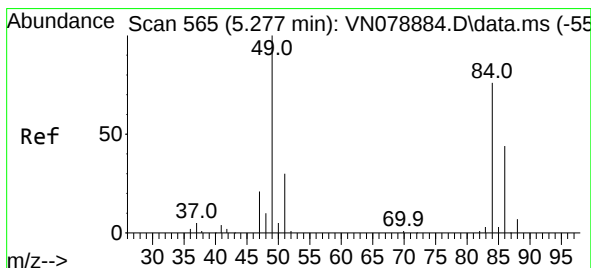
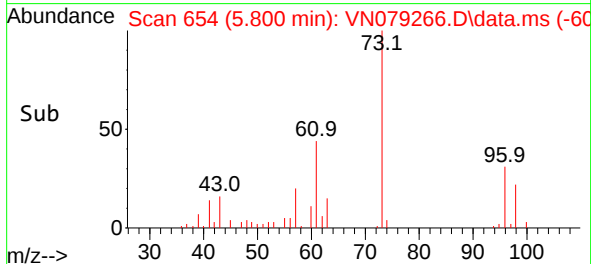
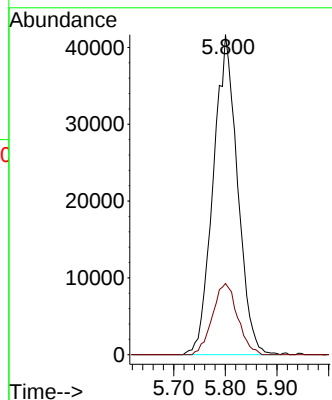
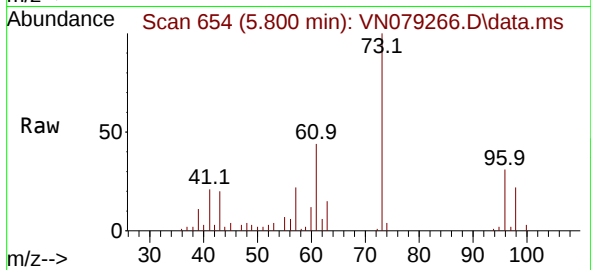
#19
Methyl tert-butyl Ether
Concen: 21.713 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion: 73 Resp: 136124
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

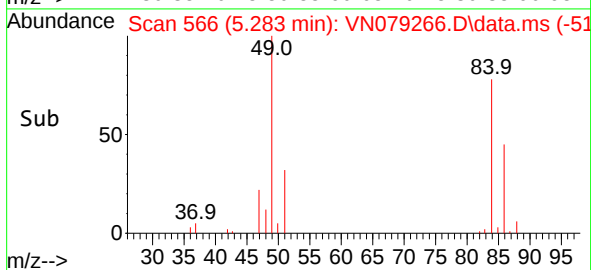
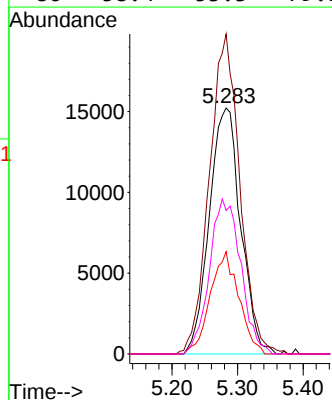
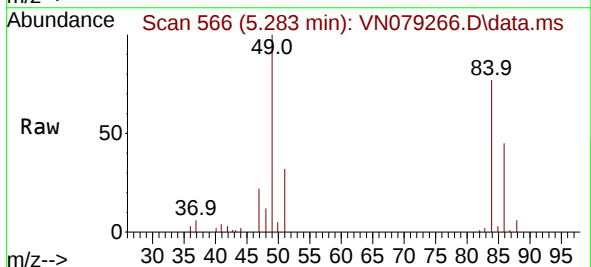
Manual Integrations
APPROVED

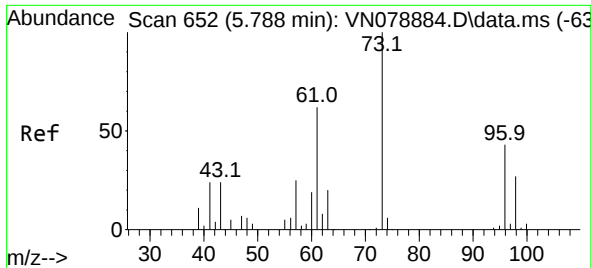
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#20
Methylene Chloride
Concen: 21.144 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

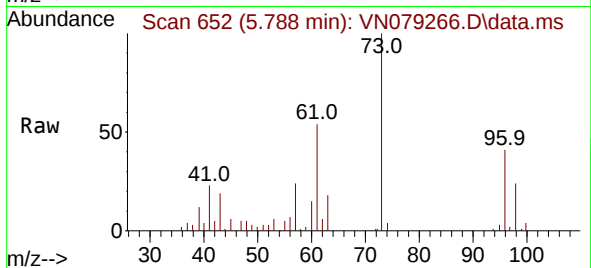
Tgt Ion: 84 Resp: 50559
Ion Ratio Lower Upper
84 100
49 129.0 79.7 119.5#
51 41.6 25.2 37.8#
86 58.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 21.019 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

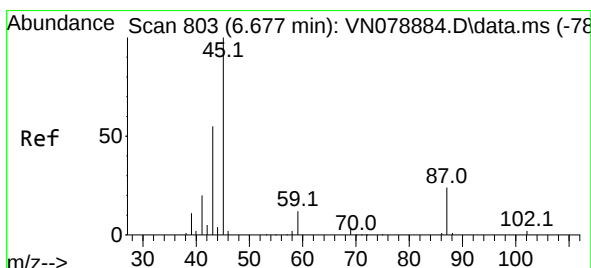
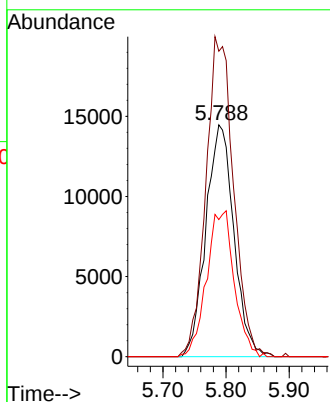
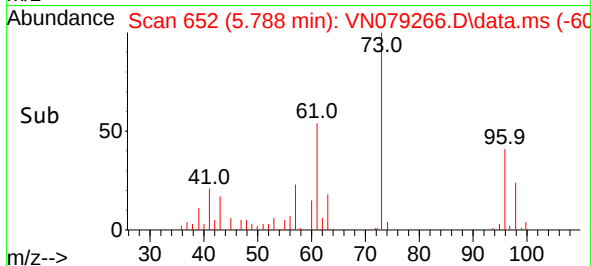
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



Tgt Ion: 96 Resp: 4457
Ion Ratio Lower Upper
96 100
61 131.8 90.1 135.1
98 59.1 46.4 69.6

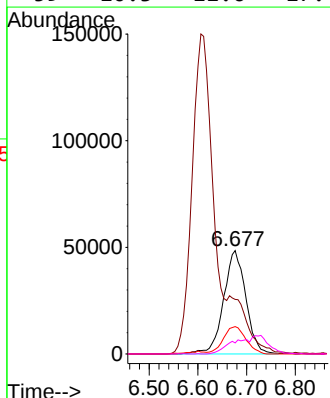
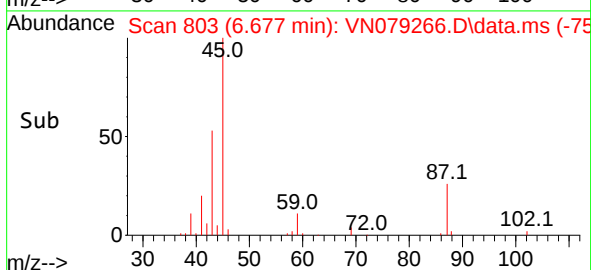
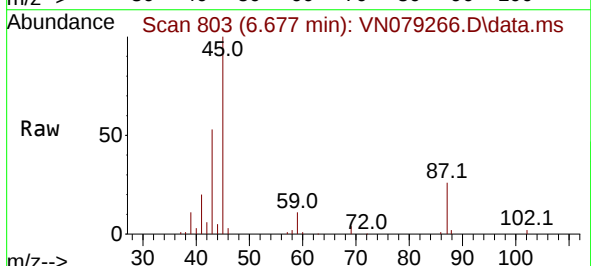
Manual Integrations
APPROVED

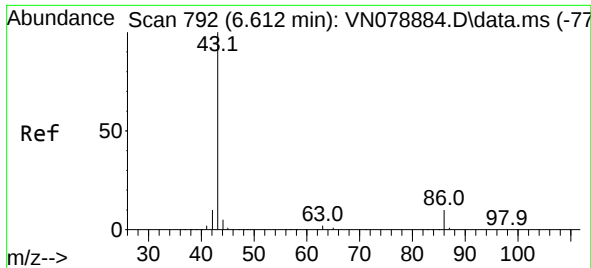
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#22
Diisopropyl ether
Concen: 24.093 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

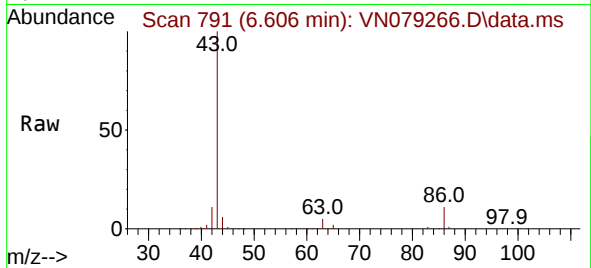
Tgt Ion: 45 Resp: 154145
Ion Ratio Lower Upper
45 100
43 50.7 45.5 68.3
87 26.4 31.8 47.8#
59 10.3 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 113.066 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079266.D
 Acq: 15 Sep 2023 12:44

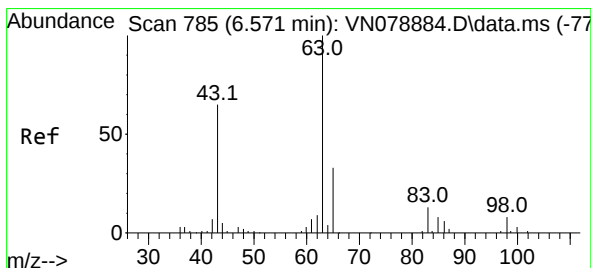
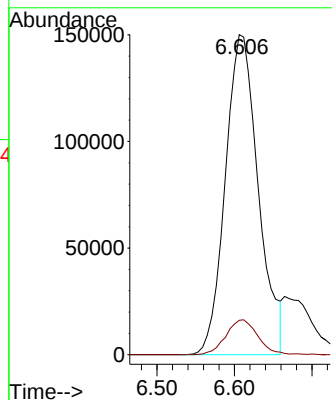
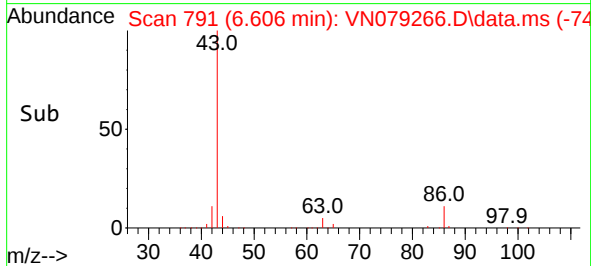
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS02



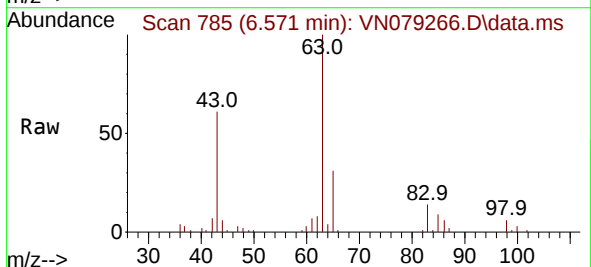
Tgt Ion: 43 Resp: 444950
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6

Manual Integrations
 APPROVED

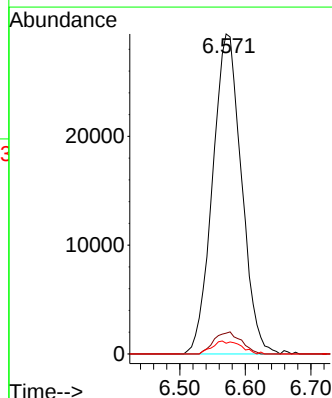
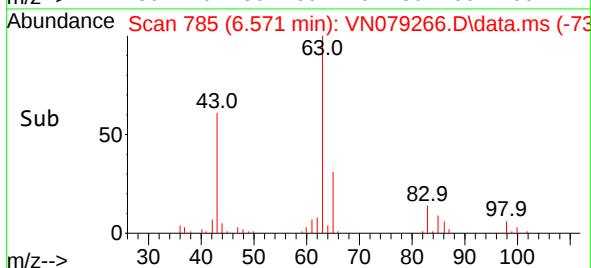
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

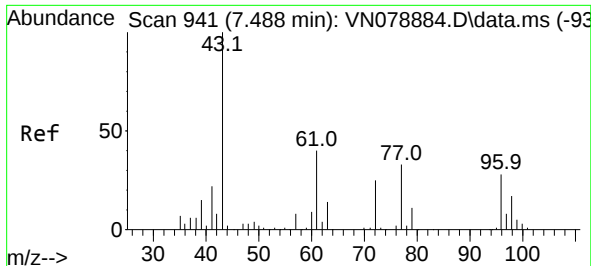


#24
 1,1-Dichloroethane
 Concen: 22.788 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079266.D
 Acq: 15 Sep 2023 12:44



Tgt Ion: 63 Resp: 89878
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 3.4 2.5 7.4





#25

2-Butanone

Concen: 113.939 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

Tgt Ion: 43 Resp: 162440

Ion Ratio Lower Upper

43 100

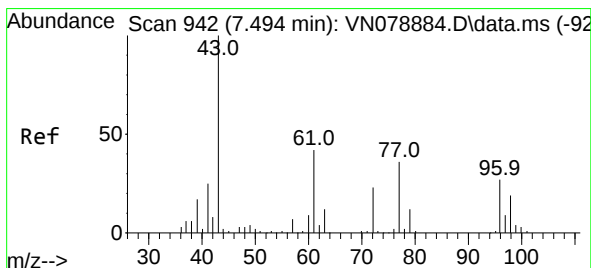
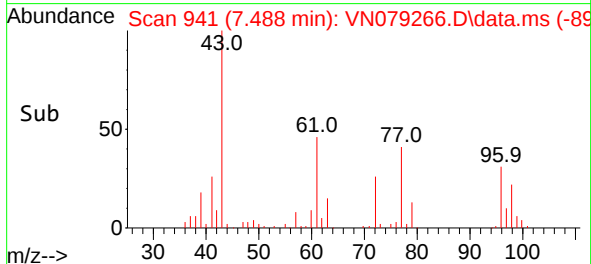
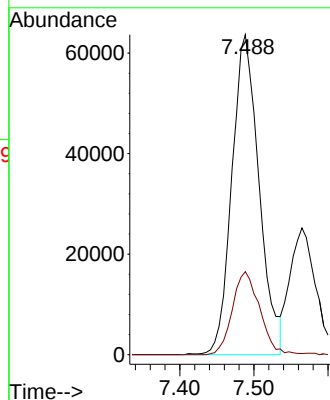
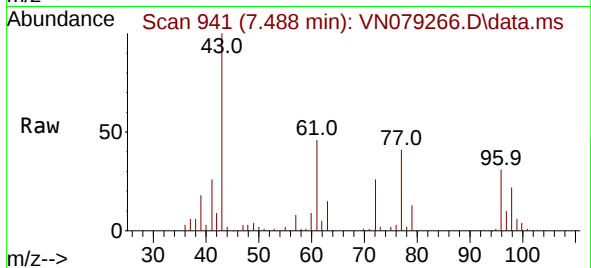
72 25.9 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#26

2,2-Dichloropropane

Concen: 23.678 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN079266.D

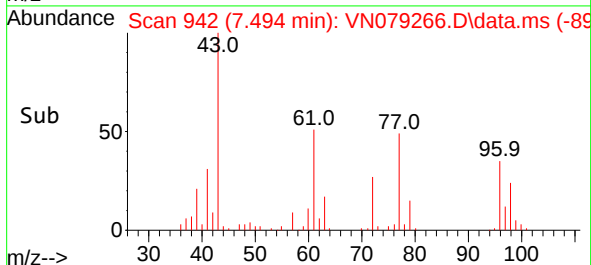
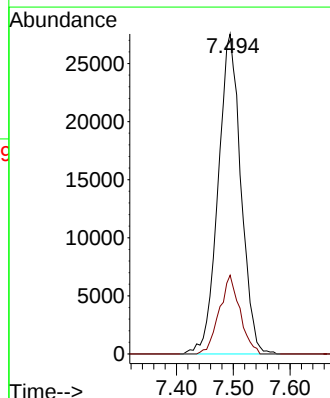
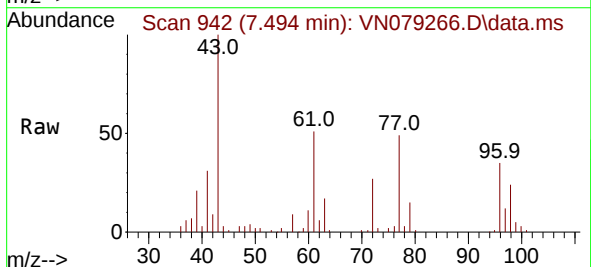
Acq: 15 Sep 2023 12:44

Tgt Ion: 77 Resp: 76636

Ion Ratio Lower Upper

77 100

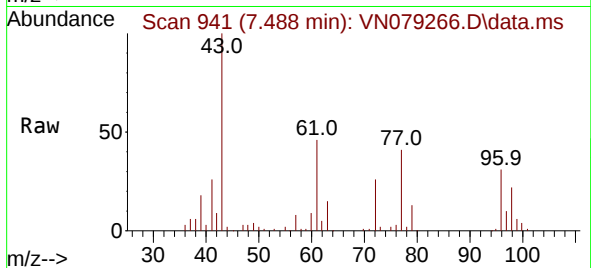
97 22.4 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 21.770 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

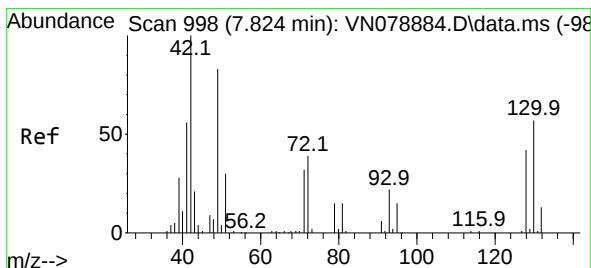
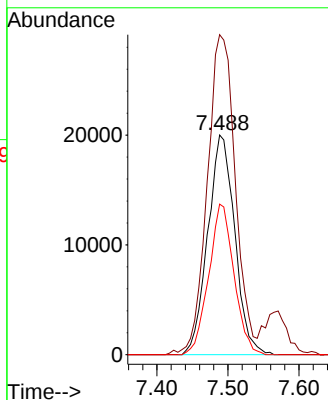
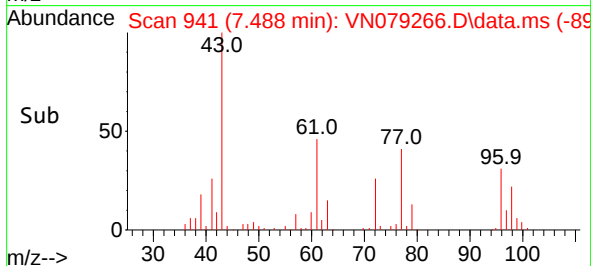
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



Tgt Ion: 96 Resp: 52784
Ion Ratio Lower Upper
96 100
61 151.8 0.0 255.2
98 64.2 0.0 128.8

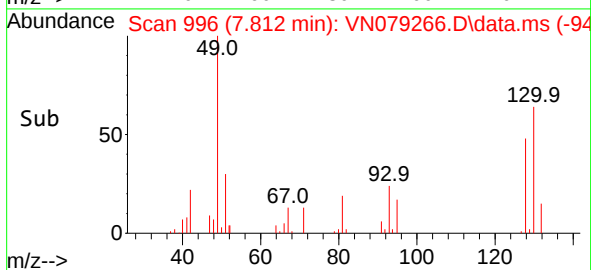
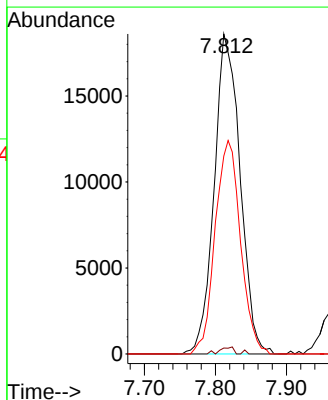
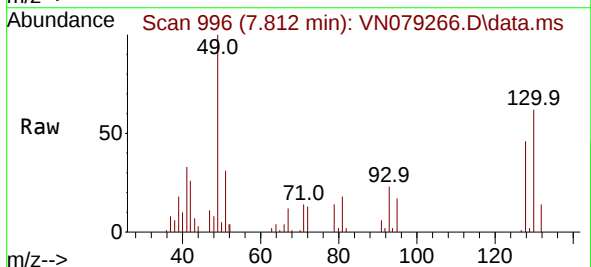
Manual Integrations
APPROVED

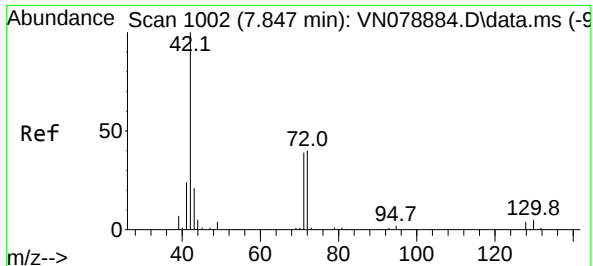
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#28
Bromochloromethane
Concen: 26.413 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Tgt Ion: 49 Resp: 47101
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.8
130 65.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 109.730 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

Tgt Ion: 42 Resp: 99554

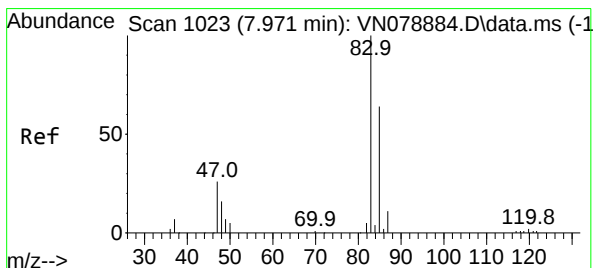
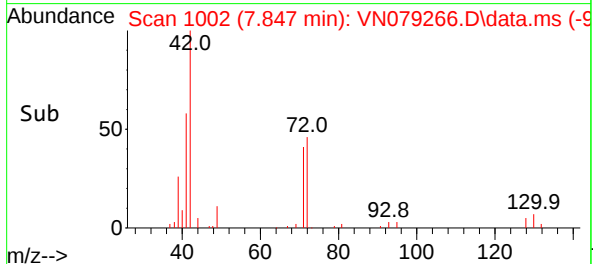
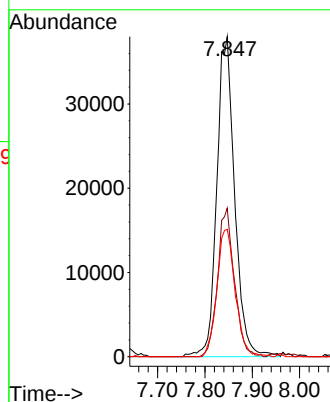
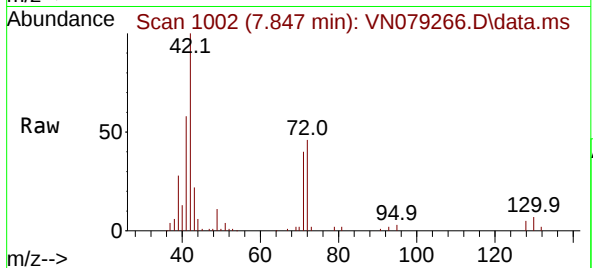
Ion	Ratio	Lower	Upper
42	100		
72	43.6	49.8	74.6
71	40.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#30

Chloroform

Concen: 22.871 ug/l

RT: 7.971 min Scan# 1023

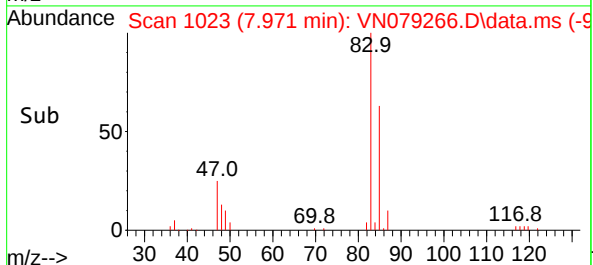
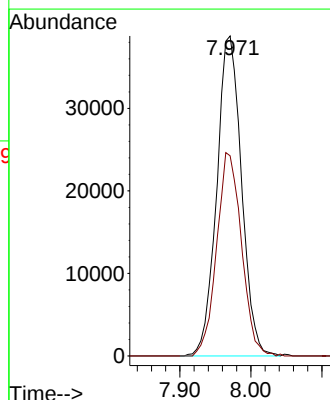
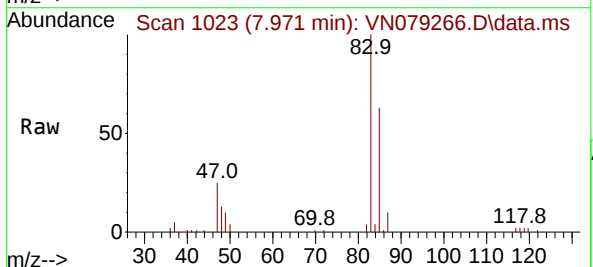
Delta R.T. -0.006 min

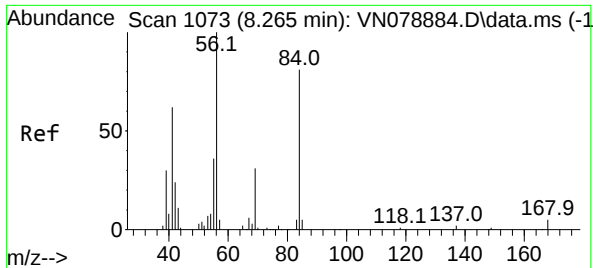
Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Tgt Ion: 83 Resp: 93920

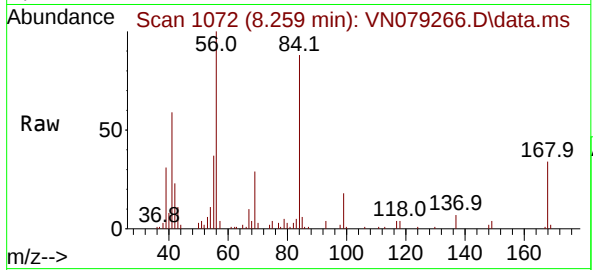
Ion	Ratio	Lower	Upper
83	100		
85	62.6	55.4	83.0





#31
Cyclohexane
Concen: 21.976 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

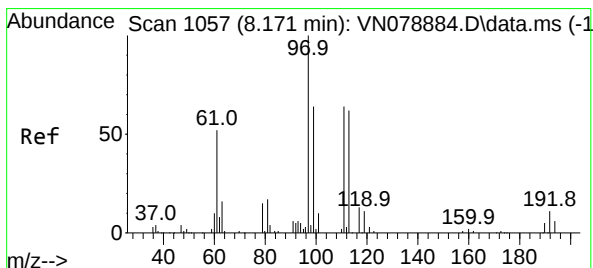
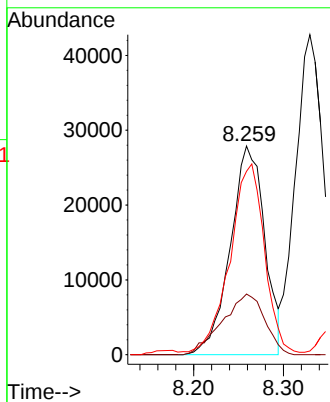
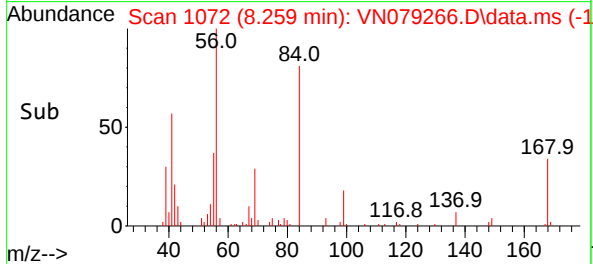
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



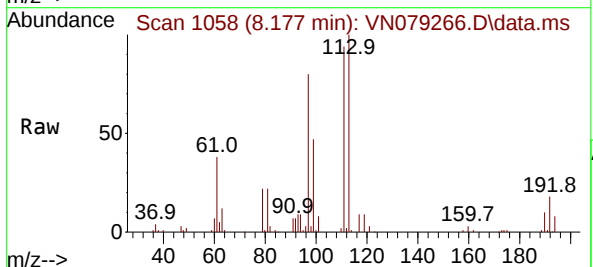
Tgt Ion: 56 Resp: 74240
Ion Ratio Lower Upper
56 100
69 29.0 26.8 40.2
84 86.6 81.8 122.6

Manual Integrations
APPROVED

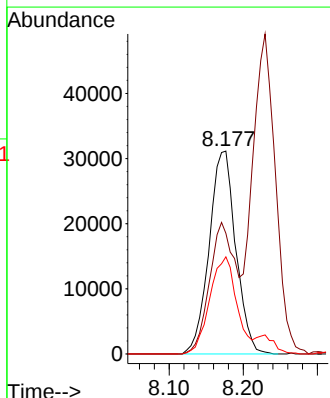
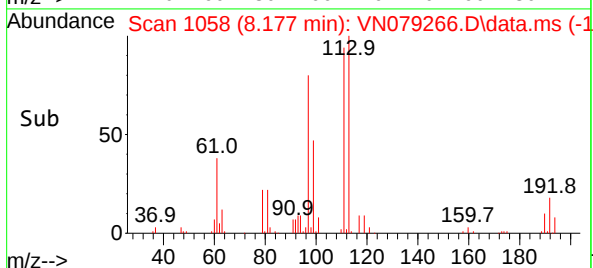
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

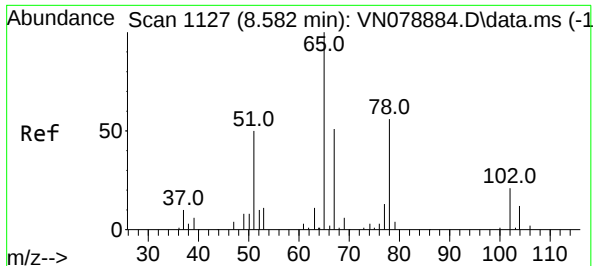


#32
1,1,1-Trichloroethane
Concen: 22.210 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion: 97 Resp: 77745
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 48.6 34.7 52.1





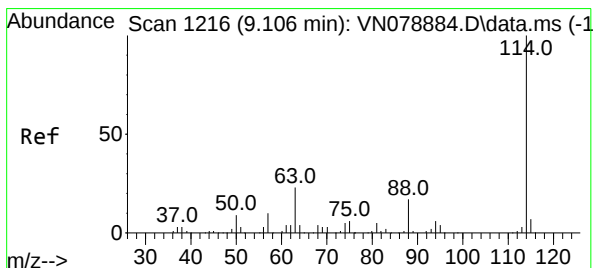
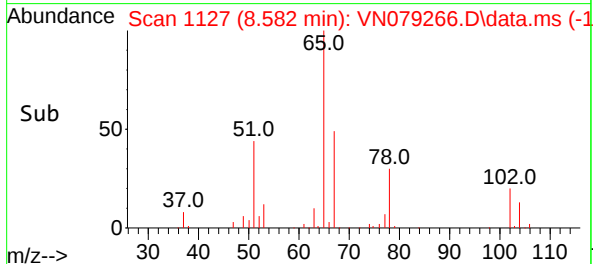
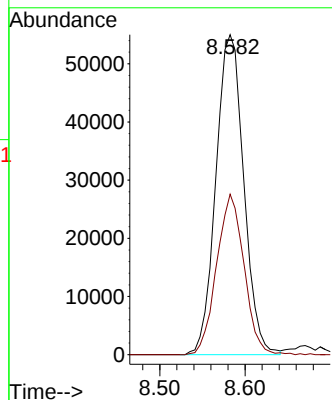
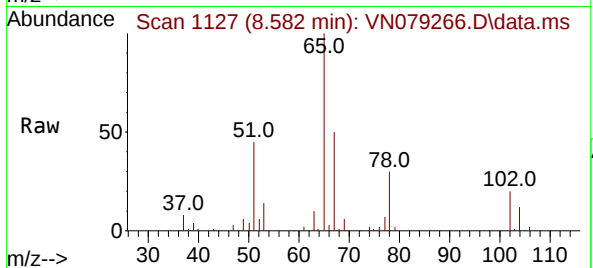
#33
1,2-Dichloroethane-d4
Concen: 53.972 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion: 65 Resp: 124868
Ion Ratio Lower Upper
65 100
67 49.5 0.0 106.6

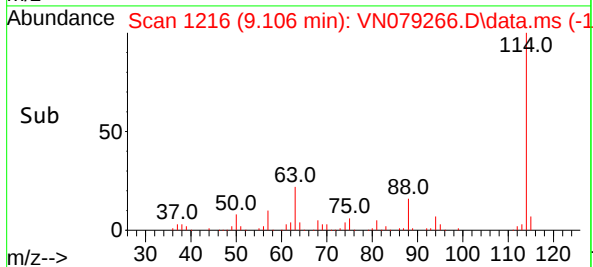
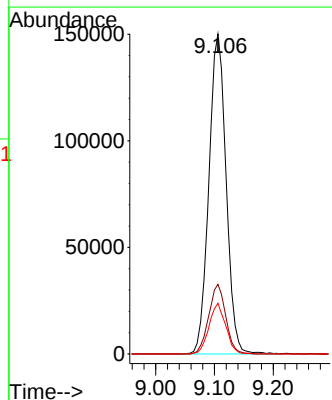
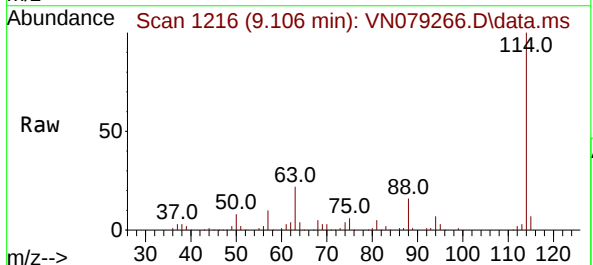
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Tgt Ion:114 Resp: 305479
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.946 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

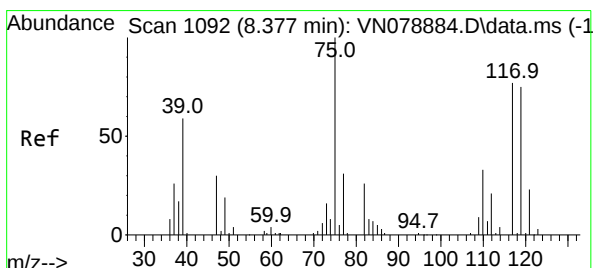
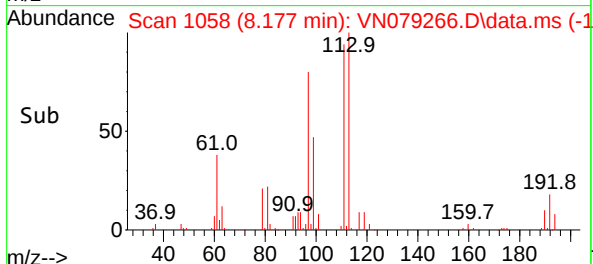
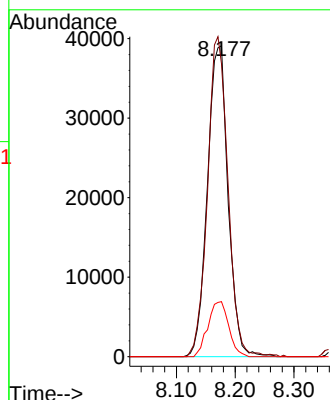
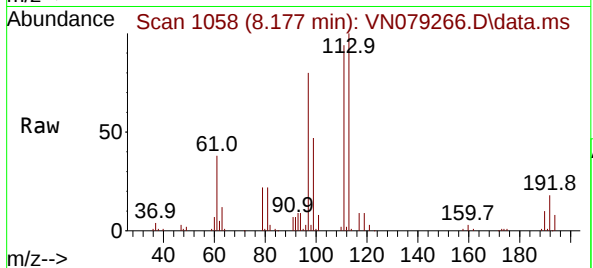
Tgt Ion:	113	Resp:	9539
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.6	123.8
192	17.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#36

1,1-Dichloropropene

Concen: 21.269 ug/l

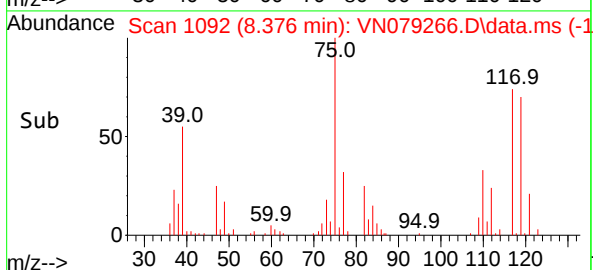
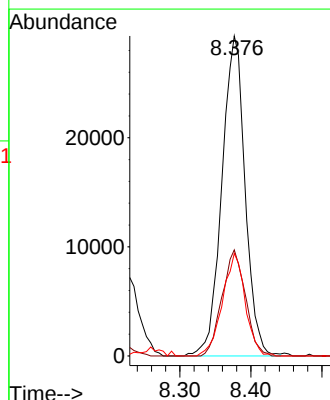
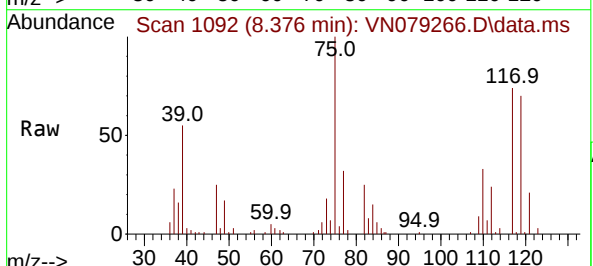
RT: 8.376 min Scan# 1092

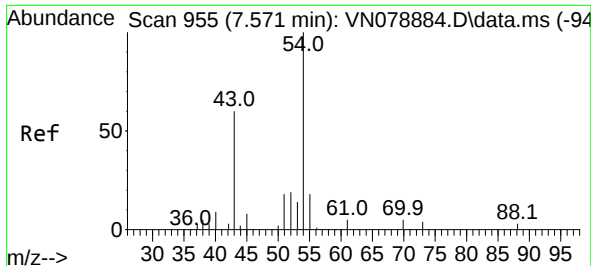
Delta R.T. -0.001 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Tgt Ion:	75	Resp:	66616
Ion Ratio	Lower	Upper	
75	100		
110	33.3	19.1	57.3
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 19.481 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

Tgt Ion: 43 Resp: 6085

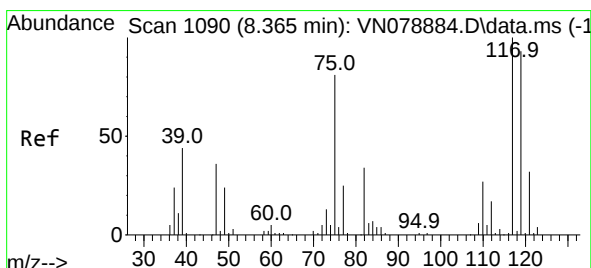
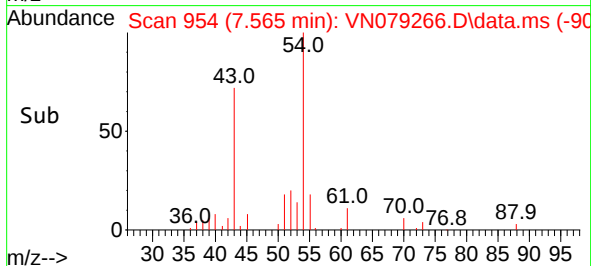
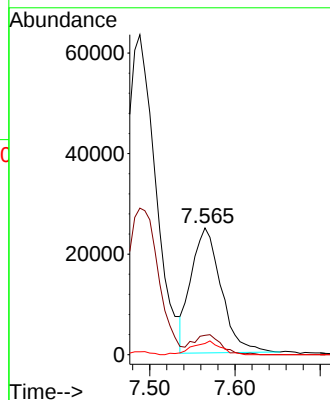
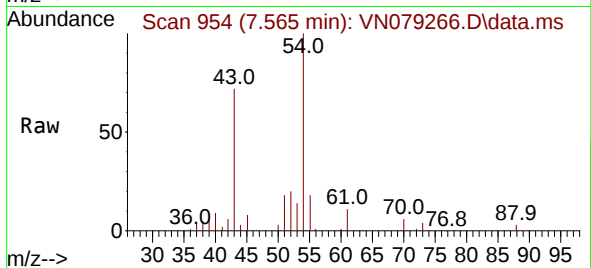
Ion	Ratio	Lower	Upper
43	100		
61	14.8	13.2	19.8
70	10.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#38

Carbon Tetrachloride

Concen: 20.876 ug/l

RT: 8.365 min Scan# 1090

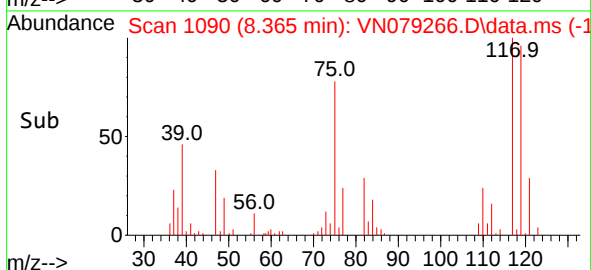
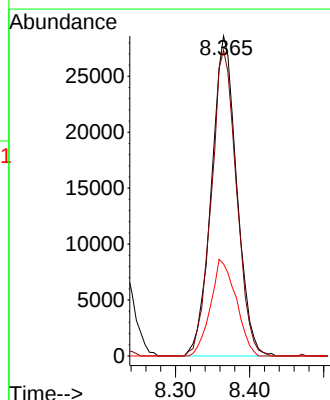
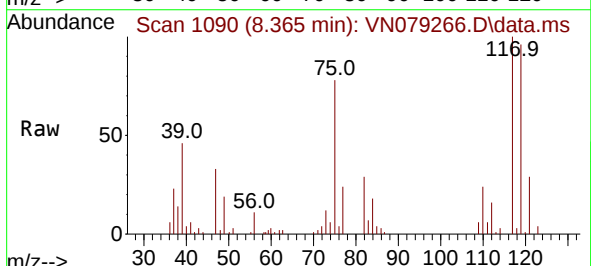
Delta R.T. -0.006 min

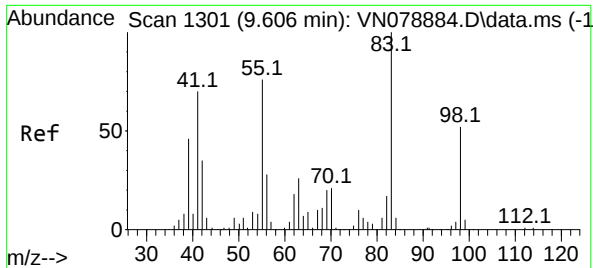
Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Tgt Ion:117 Resp: 67663

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
121	28.7	23.3	34.9





#39

Methylcyclohexane

Concen: 21.705 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

Tgt Ion: 83 Resp: 67058

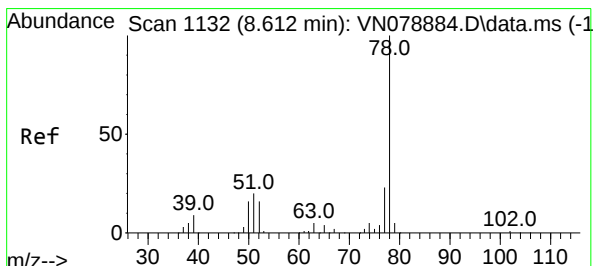
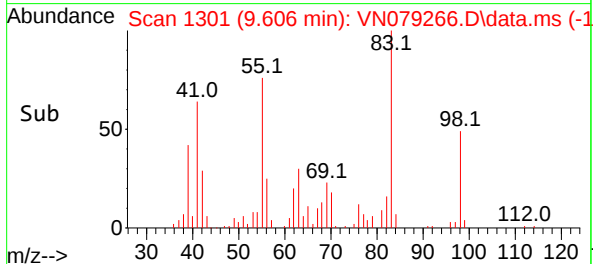
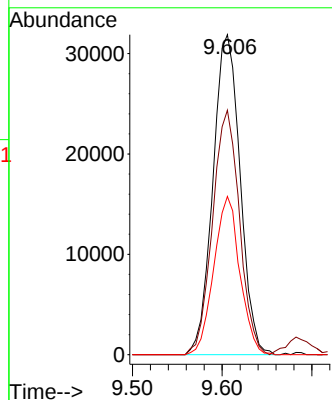
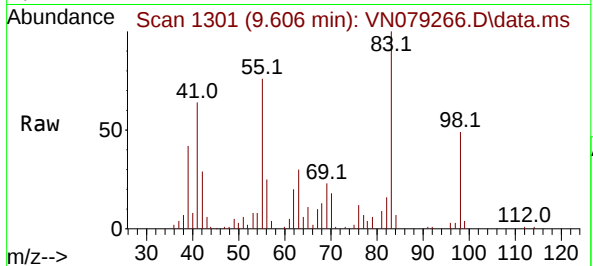
Ion	Ratio	Lower	Upper
83	100		
55	76.4	49.1	73.7
98	49.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#40

Benzene

Concen: 21.066 ug/l

RT: 8.612 min Scan# 1132

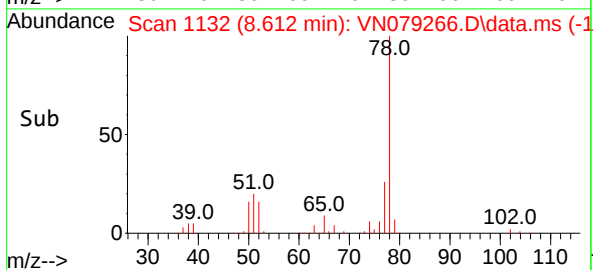
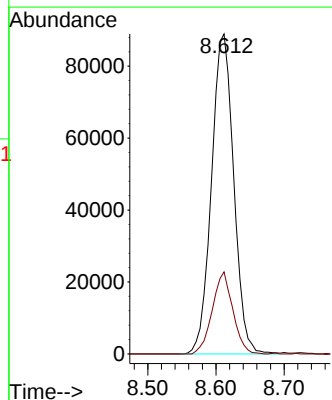
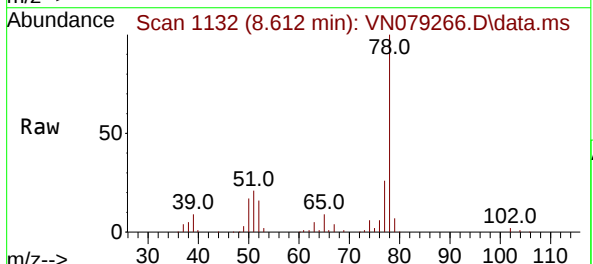
Delta R.T. -0.000 min

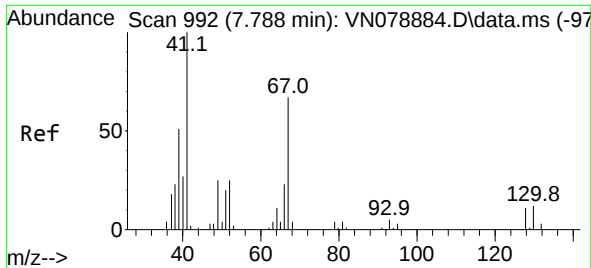
Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Tgt Ion: 78 Resp: 201979

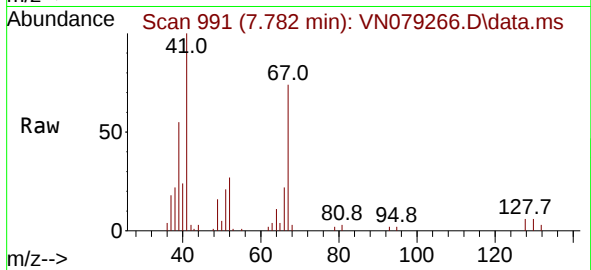
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.0	28.6





#41
Methacrylonitrile
Concen: 22.170 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

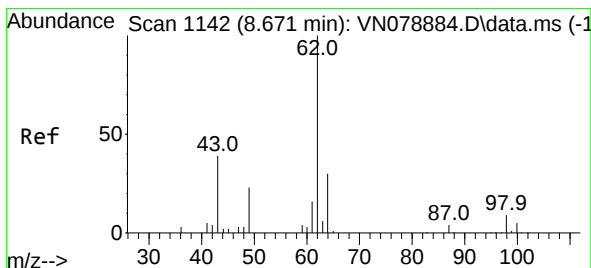
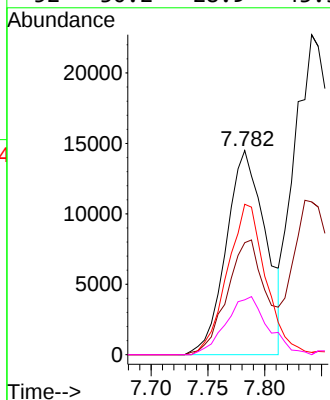
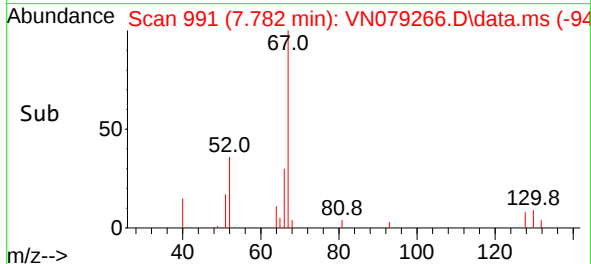
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



Tgt Ion:	41	Resp:	34920
Ion Ratio	100	Lower	Upper
41	100		
39	55.5	42.6	64.0
67	72.4	77.5	116.3
52	30.2	28.9	43.3

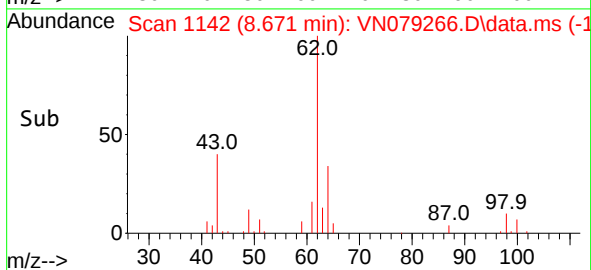
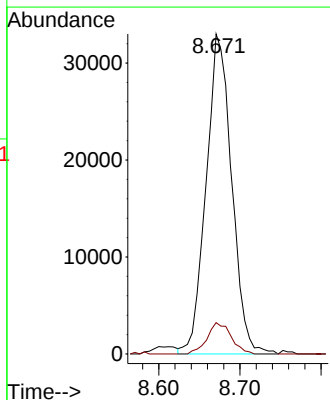
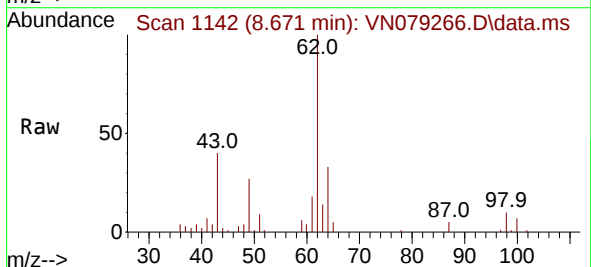
Manual Integrations
APPROVED

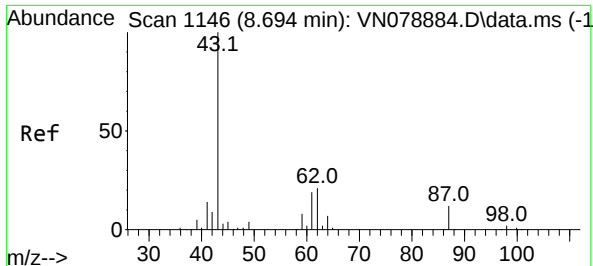
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#42
1,2-Dichloroethane
Concen: 21.885 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

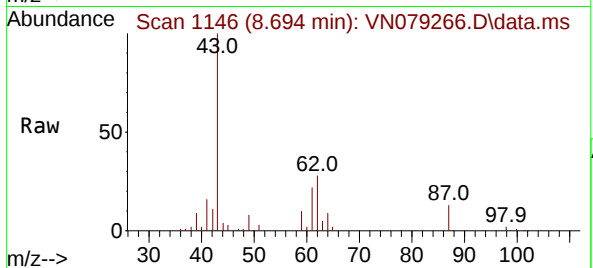
Tgt Ion:	62	Resp:	72237
Ion Ratio	100	Lower	Upper
62	100		
98	9.2	0.0	19.8





#43
Isopropyl Acetate
Concen: 20.620 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

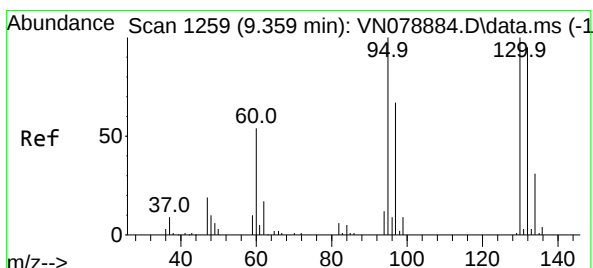
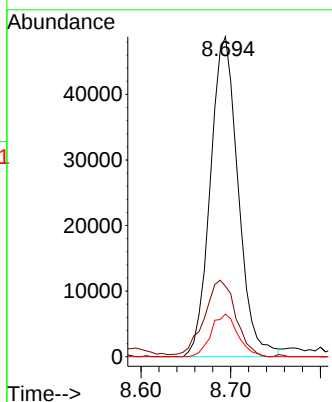
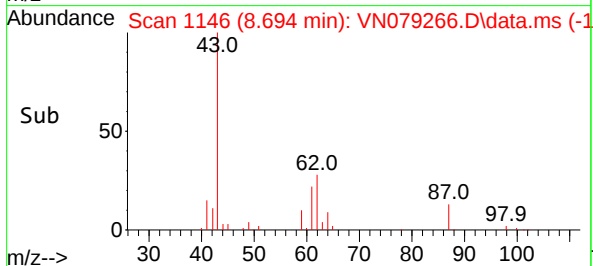
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



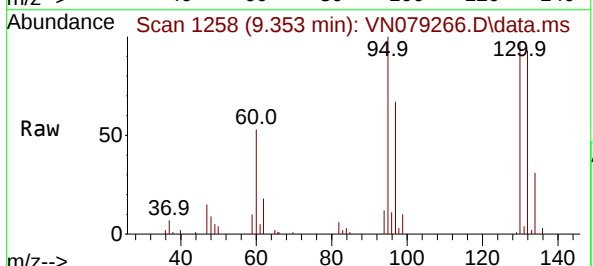
Tgt Ion: 43 Resp: 105109
Ion Ratio Lower Upper
43 100
61 27.1 24.7 37.1
87 12.8 14.6 21.8

Manual Integrations
APPROVED

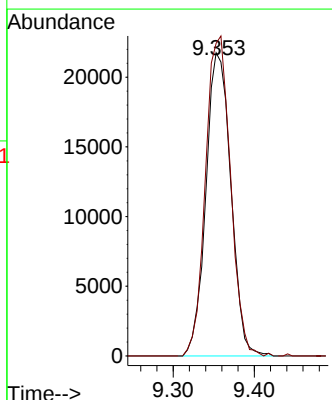
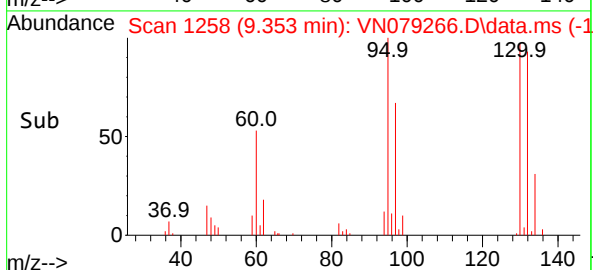
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

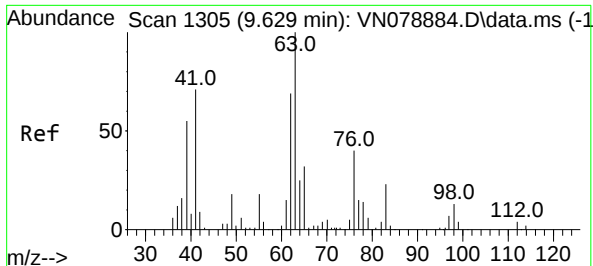


#44
Trichloroethene
Concen: 19.703 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion:130 Resp: 46538
Ion Ratio Lower Upper
130 100
95 103.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.808 ug/l

RT: 9.623 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

Tgt Ion: 63 Resp: 5427

Ion Ratio Lower Upper

63 100

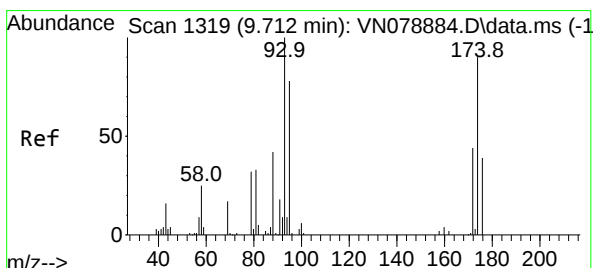
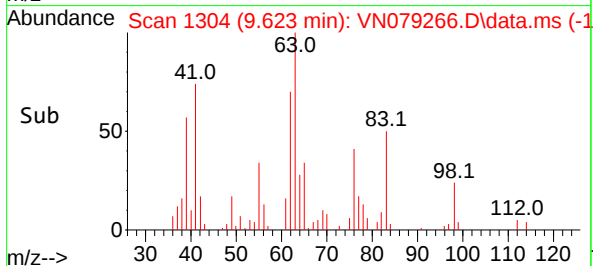
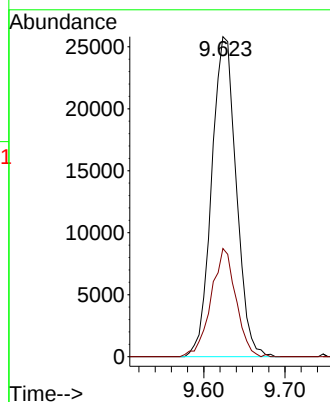
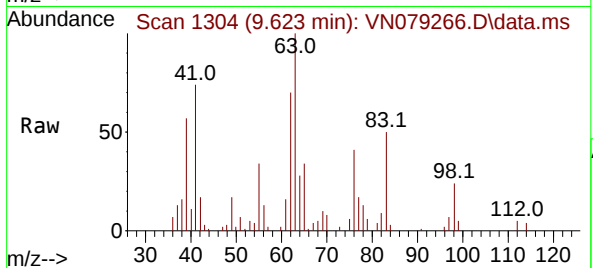
65 33.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#46

Dibromomethane

Concen: 21.104 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

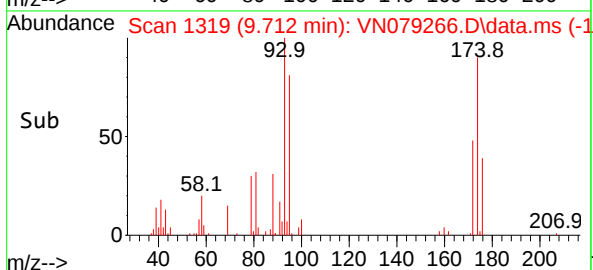
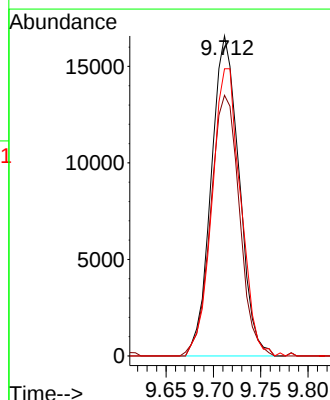
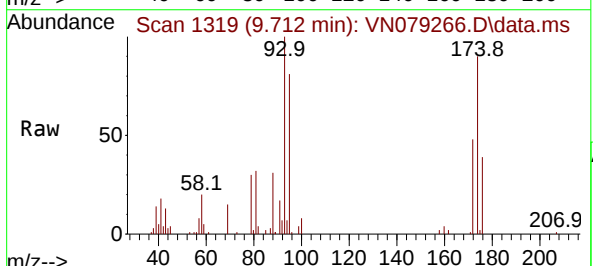
Tgt Ion: 93 Resp: 34090

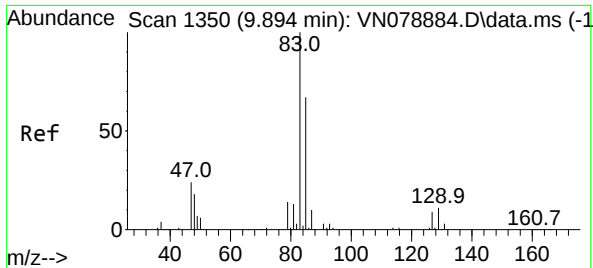
Ion Ratio Lower Upper

93 100

95 83.9 63.8 95.8

174 92.0 65.6 98.4





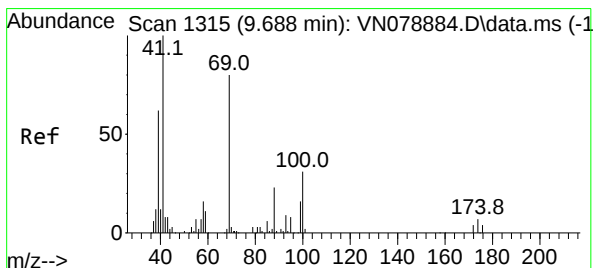
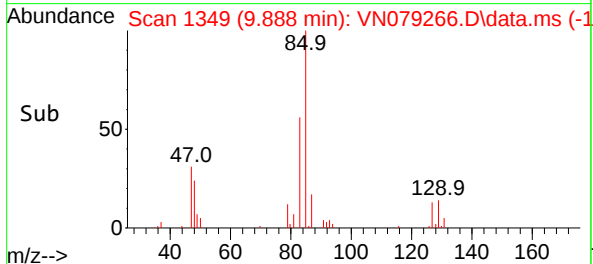
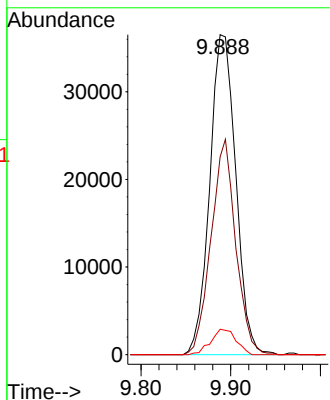
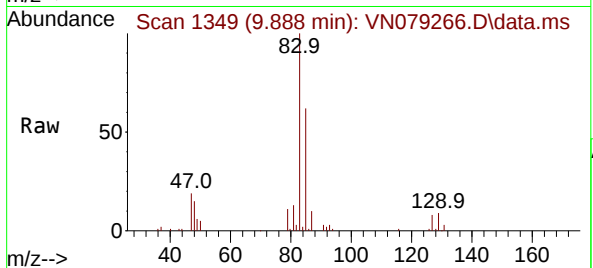
#47
Bromodichloromethane
Concen: 22.238 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion: 83 Resp: 73570
Ion Ratio Lower Upper
83 100
85 61.8 49.6 74.4
127 8.0 7.0 10.6

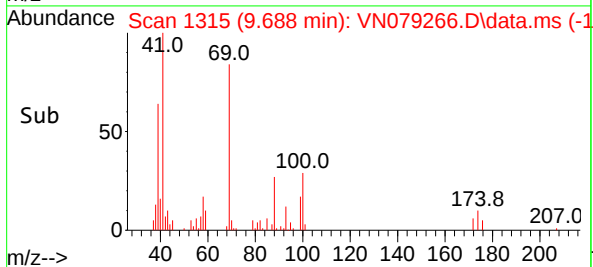
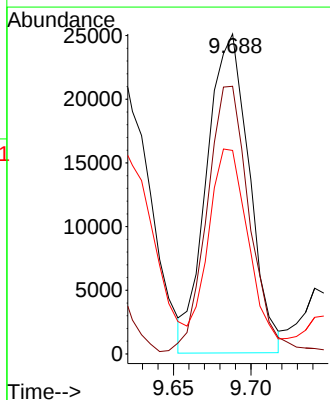
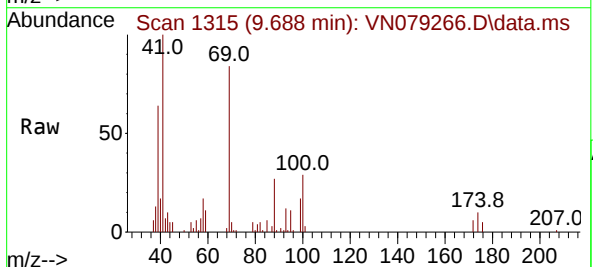
Manual Integrations
APPROVED

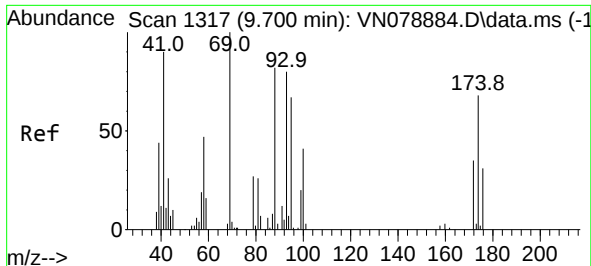
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#48
Methyl methacrylate
Concen: 20.913 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

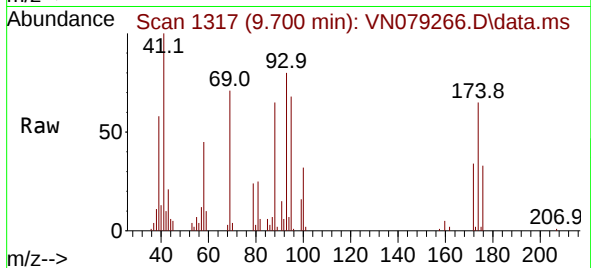
Tgt Ion: 41 Resp: 47750
Ion Ratio Lower Upper
41 100
69 86.1 90.4 135.6#
39 62.5 54.6 81.8





#49
1,4-Dioxane
Concen: 379.651 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

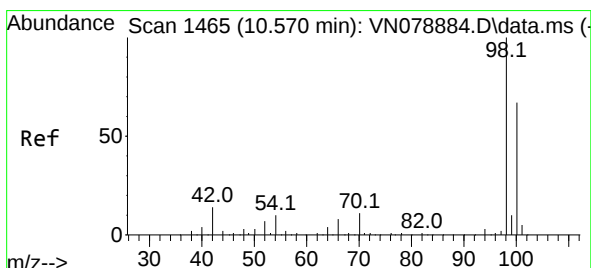
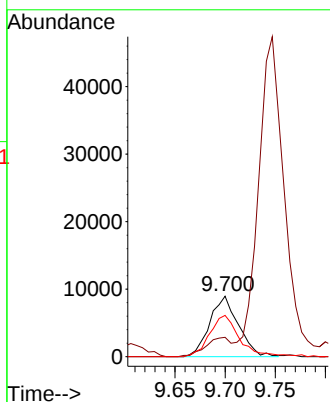
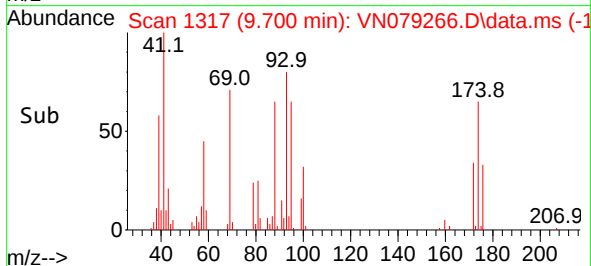
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



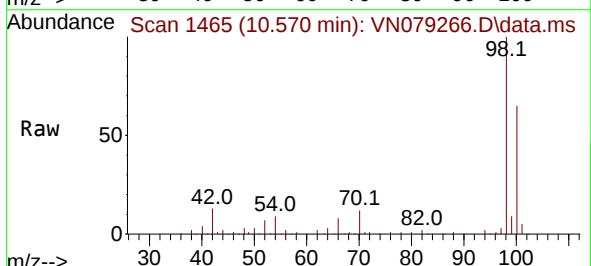
Tgt Ion: 88 Resp: 17829
Ion Ratio Lower Upper
88 100
43 27.6 17.0 25.6
58 71.9 47.0 70.4

Manual Integrations
APPROVED

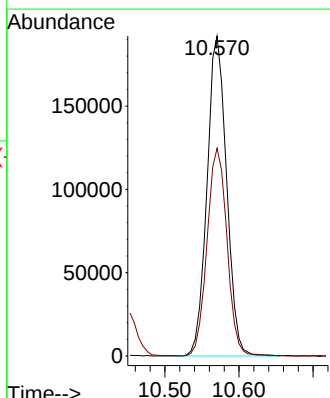
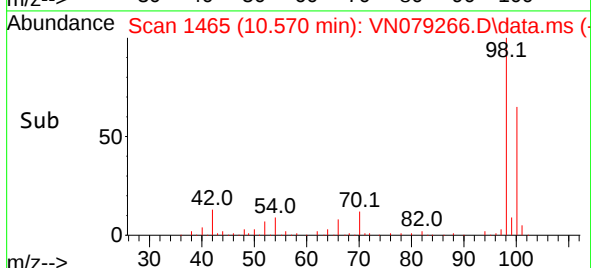
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

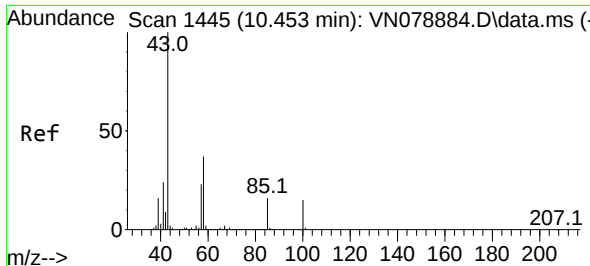


#50
Toluene-d8
Concen: 47.212 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion: 98 Resp: 352259
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0





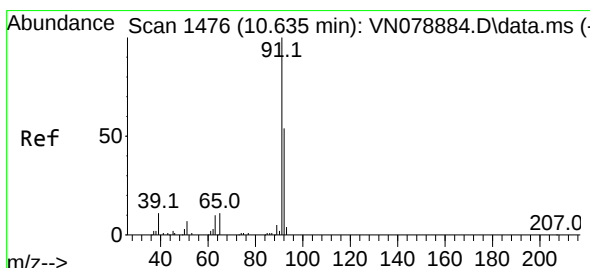
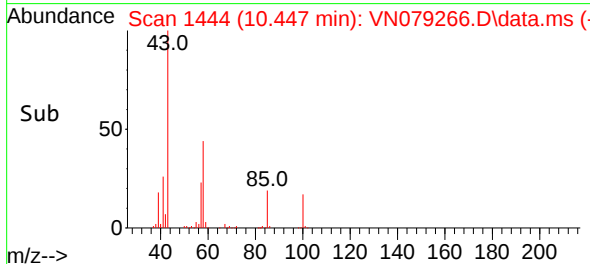
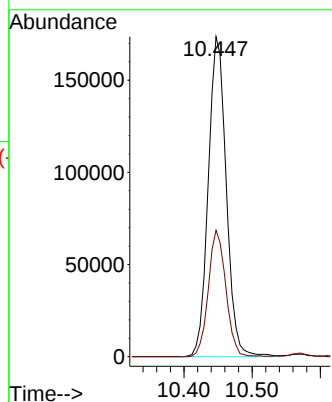
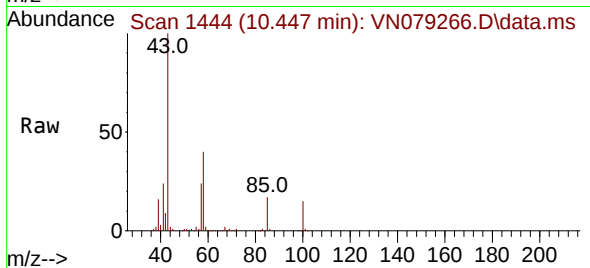
#51
4-Methyl-2-Pentanone
Concen: 107.851 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion: 43 Resp: 319130
Ion Ratio Lower Upper
43 100
58 38.4 36.6 54.8

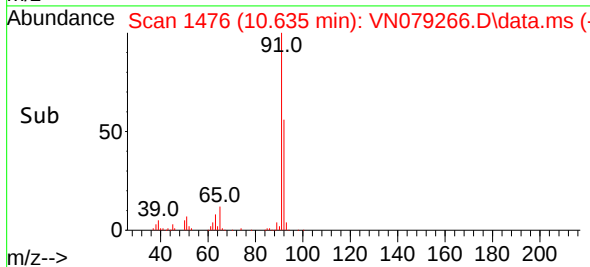
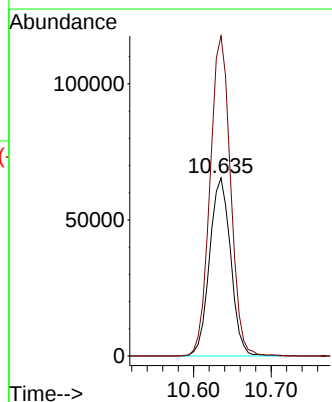
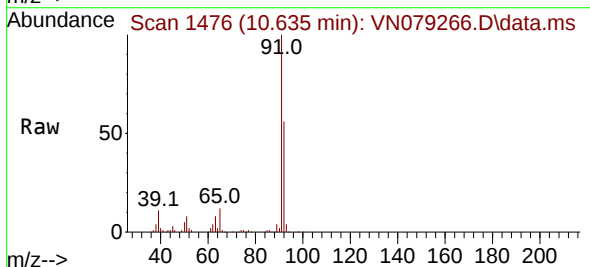
Manual Integrations
APPROVED

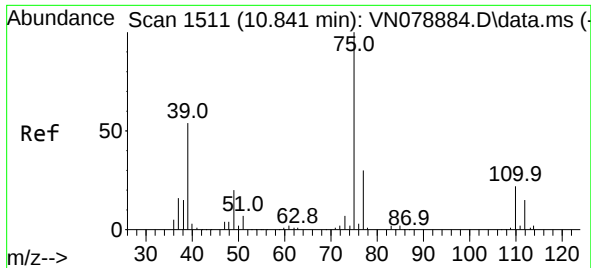
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#52
Toluene
Concen: 20.923 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

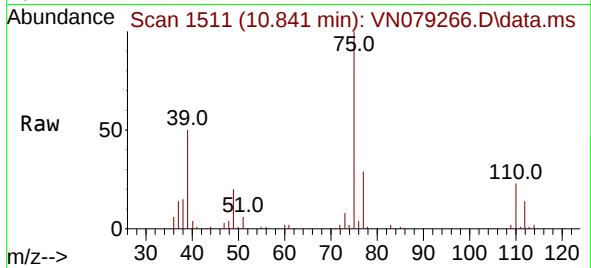
Tgt Ion: 92 Resp: 123288
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.839 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

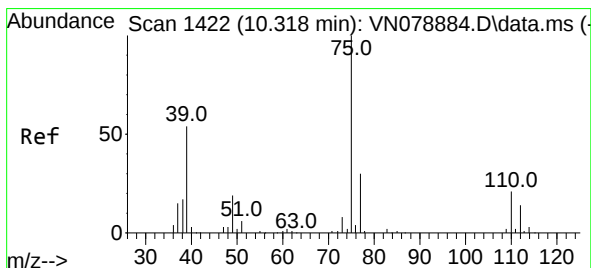
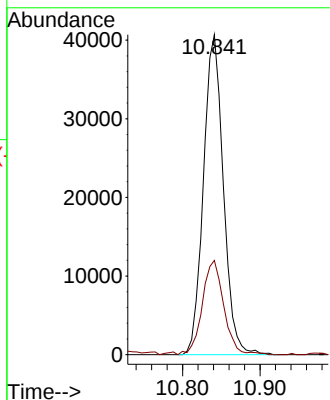
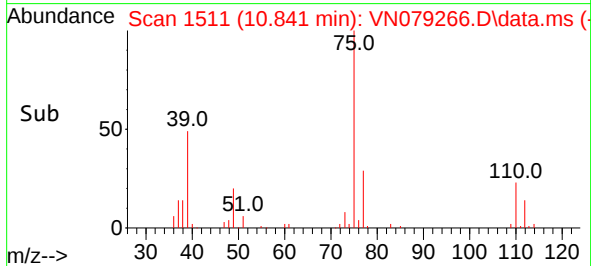
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



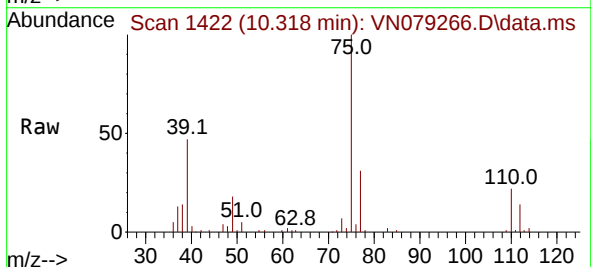
Tgt Ion: 75 Resp: 72700
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0

Manual Integrations
APPROVED

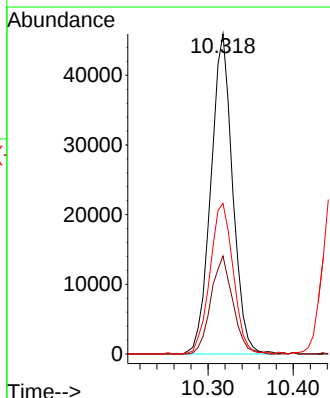
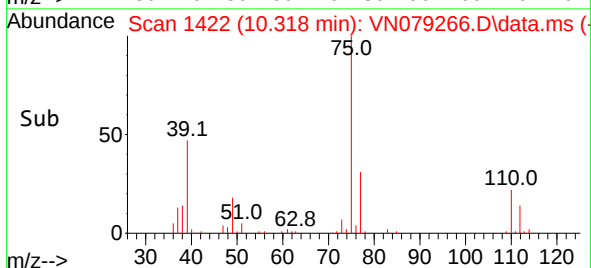
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

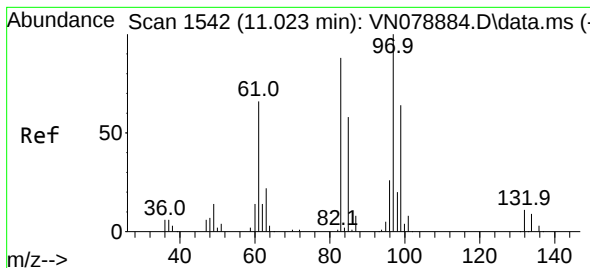


#54
cis-1,3-Dichloropropene
Concen: 21.807 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



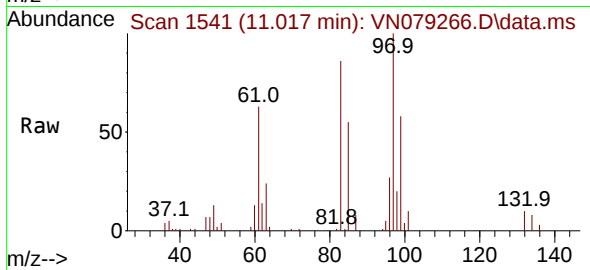
Tgt Ion: 75 Resp: 81368
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 47.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.222 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.007 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

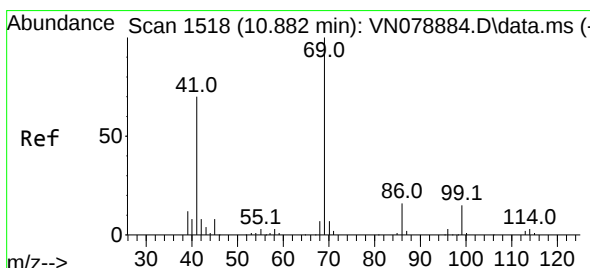
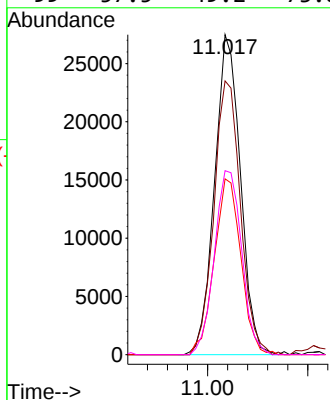
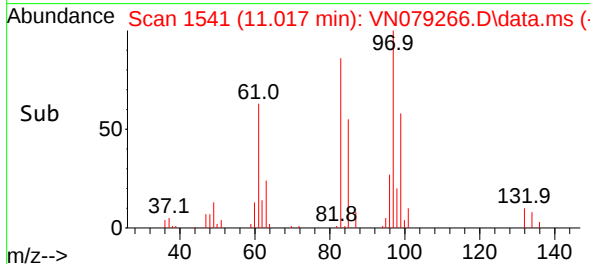
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



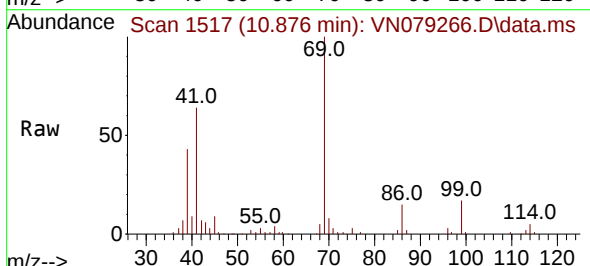
Tgt Ion:	97	Resp:	4906
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.1	97.7
85	55.0	43.4	65.2
99	57.5	49.2	73.8

Manual Integrations
APPROVED

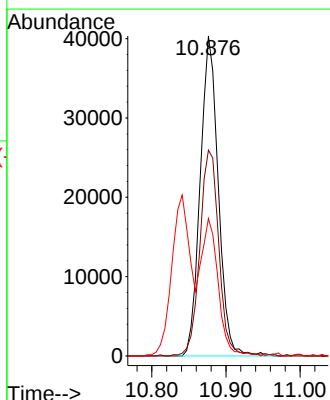
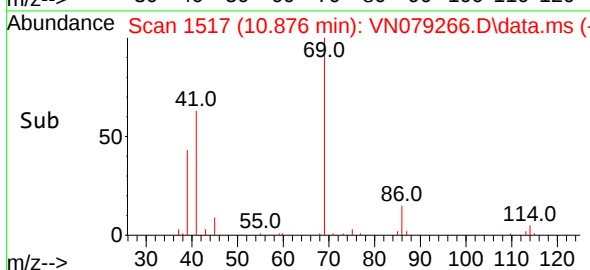
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

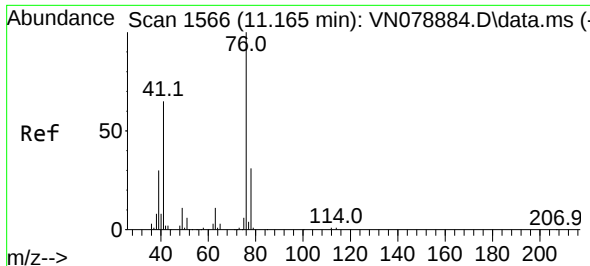


#56
Ethyl methacrylate
Concen: 20.921 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion:	69	Resp:	68280
Ion	Ratio	Lower	Upper
69	100		
41	67.8	39.6	59.4#
39	41.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 21.515 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

Tgt Ion: 76 Resp: 85990

Ion Ratio Lower Upper

76 100

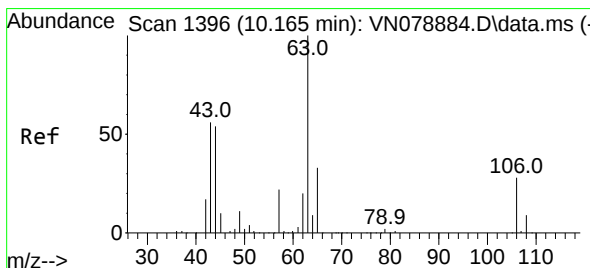
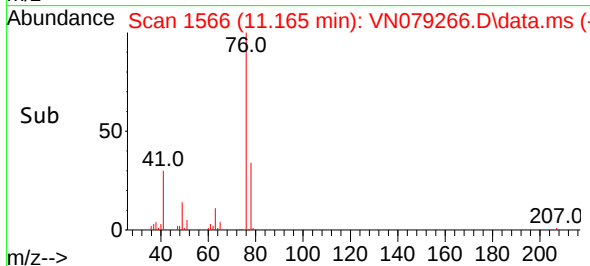
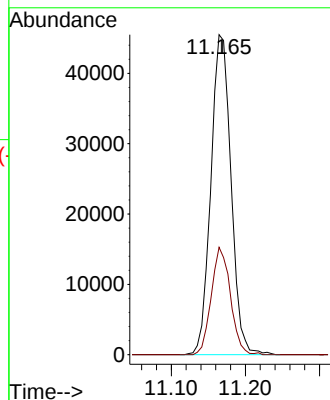
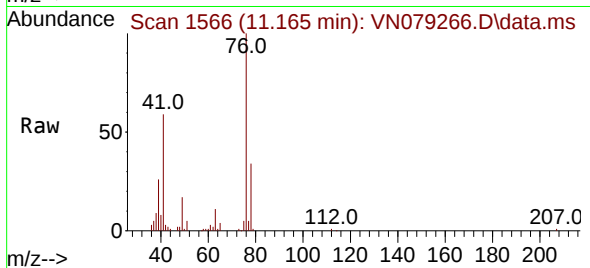
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 67.144 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079266.D

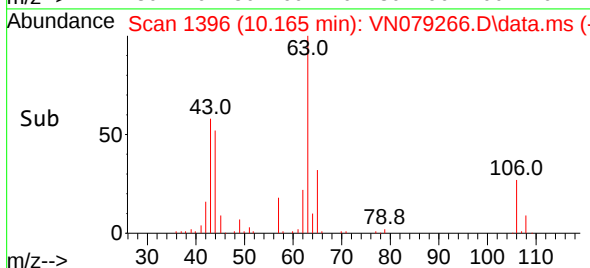
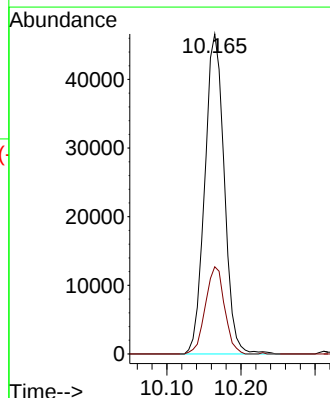
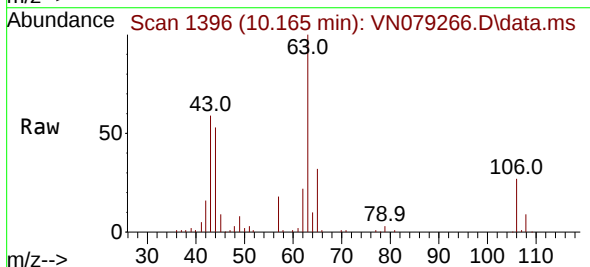
Acq: 15 Sep 2023 12:44

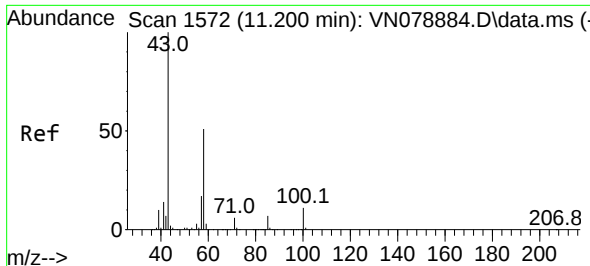
Tgt Ion: 63 Resp: 84885

Ion Ratio Lower Upper

63 100

106 26.8 26.2 39.4





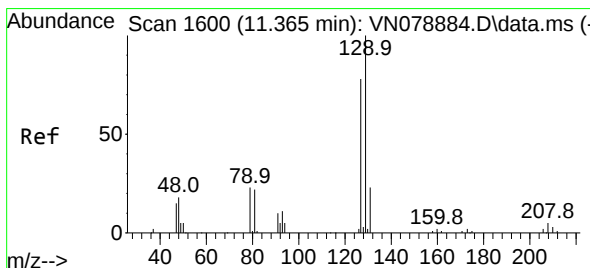
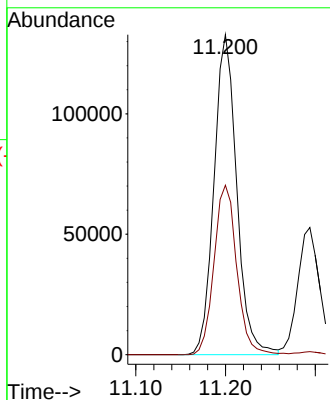
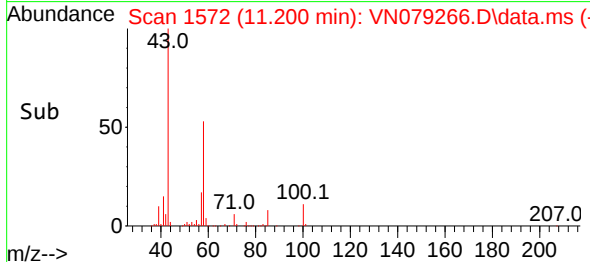
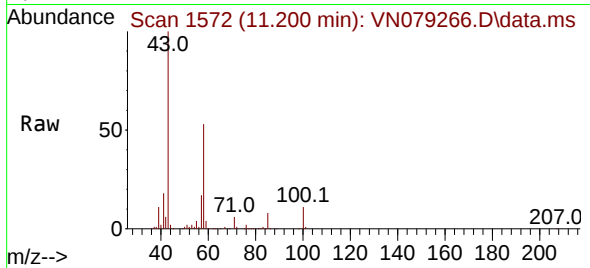
#59
2-Hexanone
Concen: 109.042 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion: 43 Resp: 23369
Ion Ratio Lower Upper
43 100
58 53.0 31.7 95.1

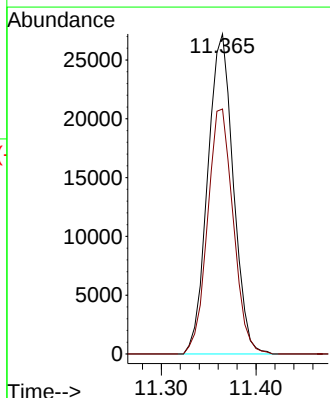
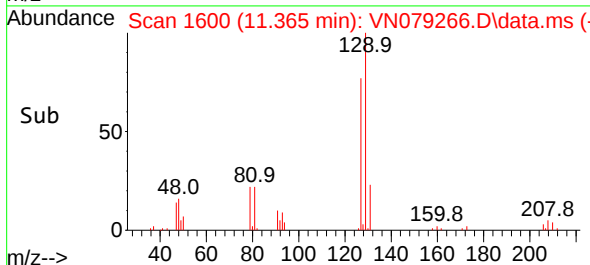
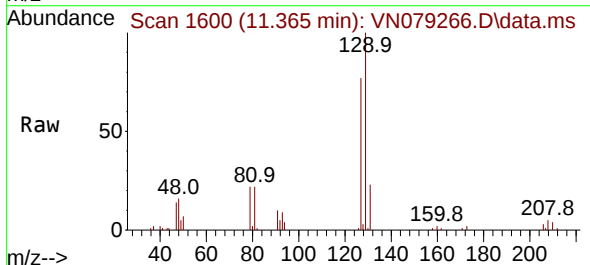
Manual Integrations
APPROVED

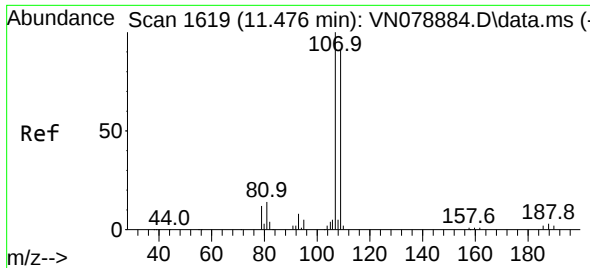
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#60
Dibromochloromethane
Concen: 20.777 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Tgt Ion:129 Resp: 51126
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





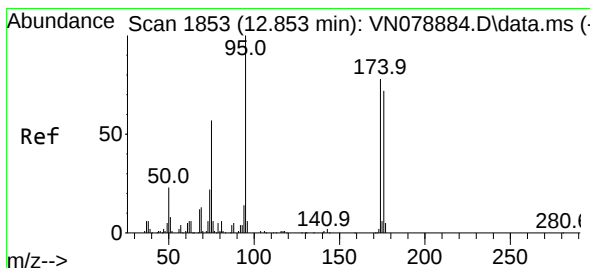
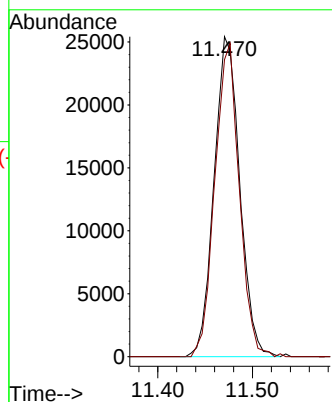
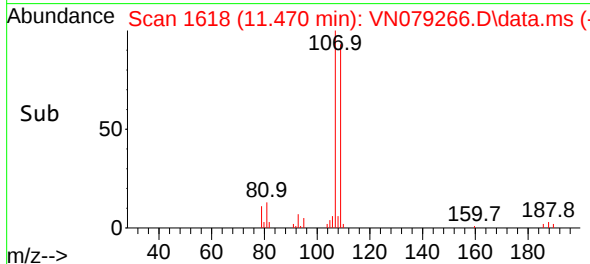
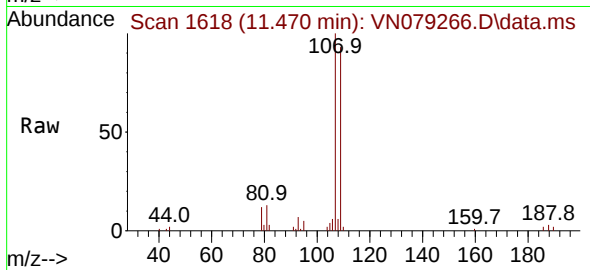
#61
1,2-Dibromoethane
Concen: 20.742 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion:107 Resp: 47859
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

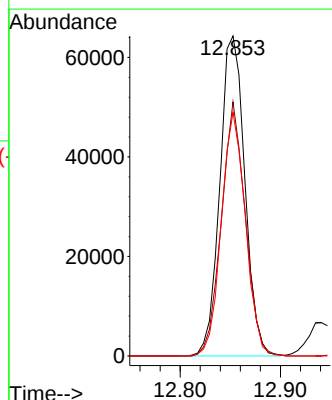
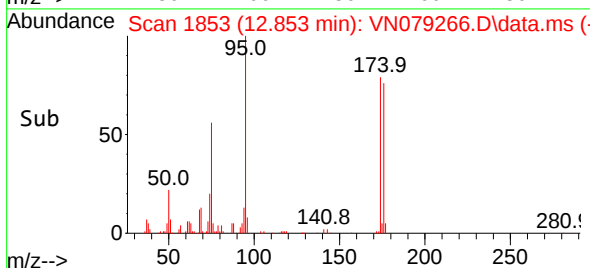
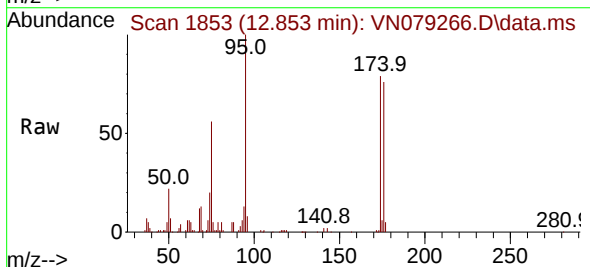
Manual Integrations
APPROVED

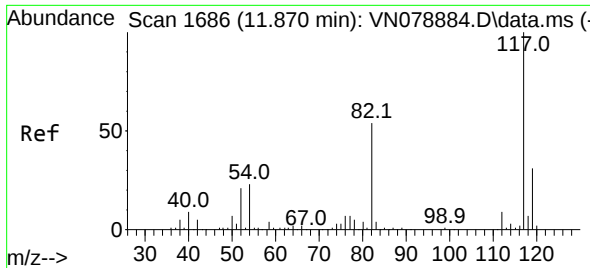
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#62
4-Bromofluorobenzene
Concen: 46.685 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

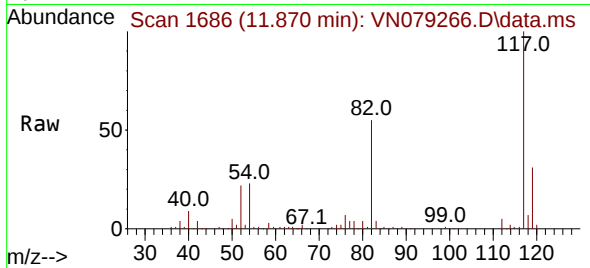
Tgt Ion: 95 Resp: 111109
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 73.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

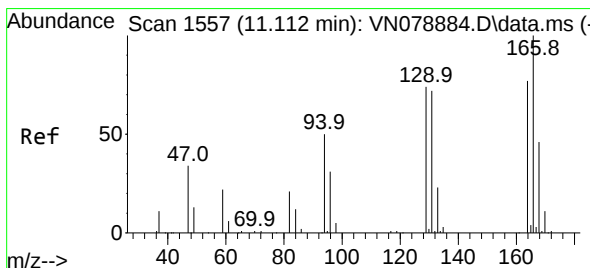
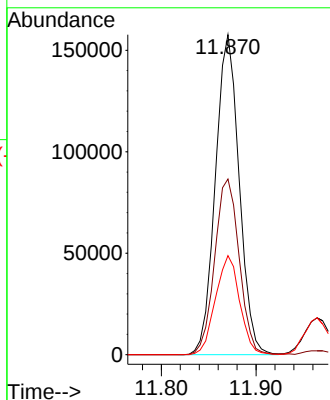
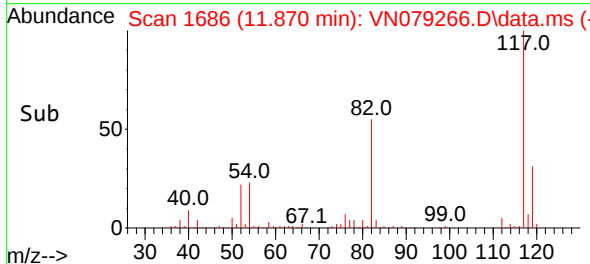
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



Tgt Ion:117 Resp: 27565
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.0 25.6 38.4

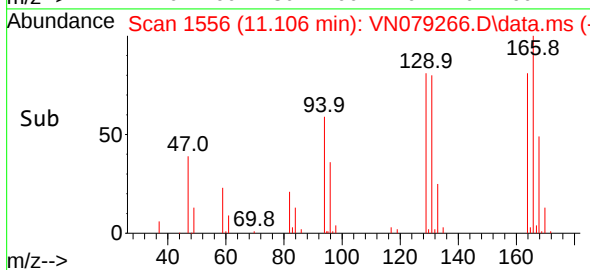
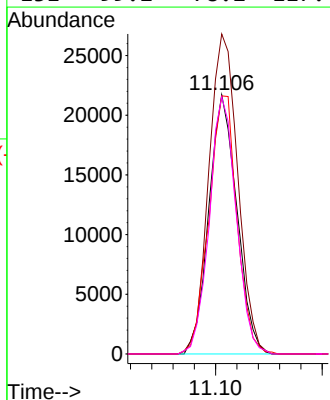
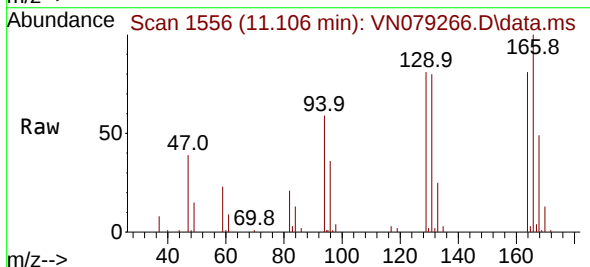
Manual Integrations
APPROVED

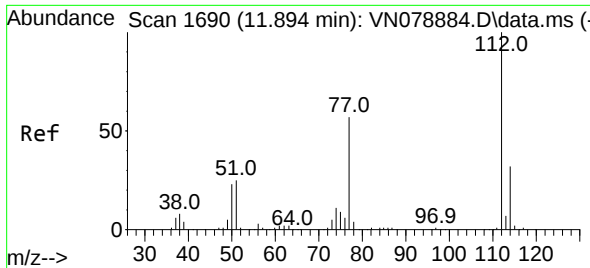
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#64
Tetrachloroethene
Concen: 19.739 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Tgt Ion:164 Resp: 39674
Ion Ratio Lower Upper
164 100
166 123.5 101.4 152.0
129 99.6 82.4 123.6
131 99.2 78.2 117.4





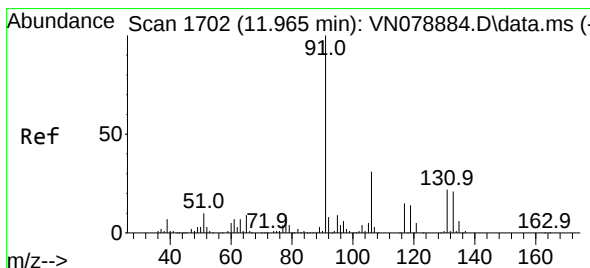
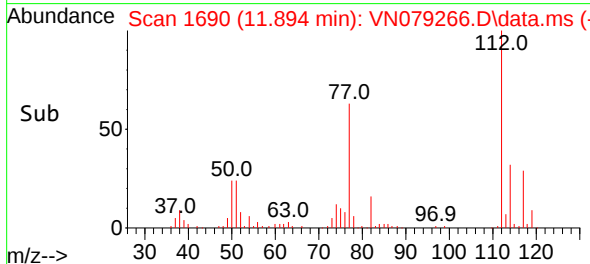
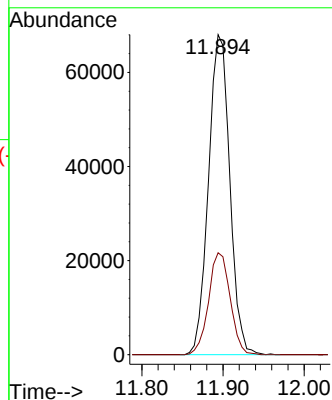
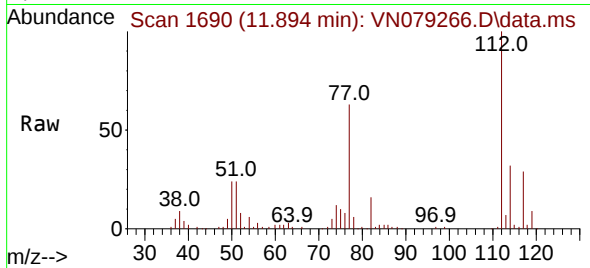
#65
Chlorobenzene
Concen: 19.831 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion:112 Resp: 12383
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

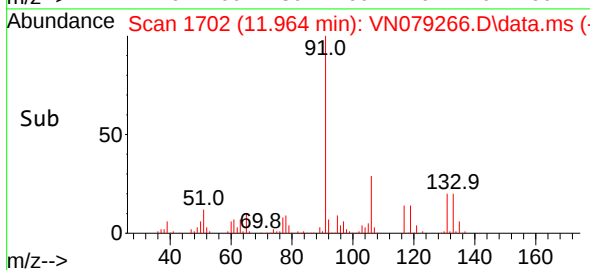
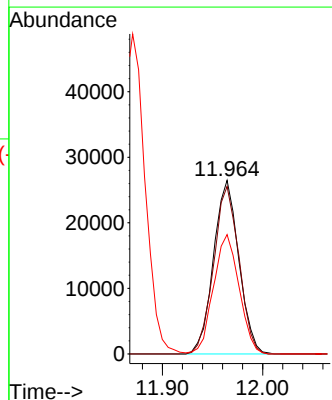
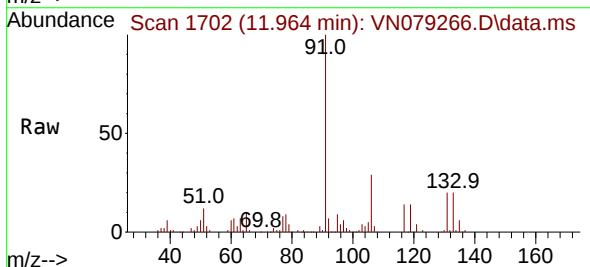
Manual Integrations
APPROVED

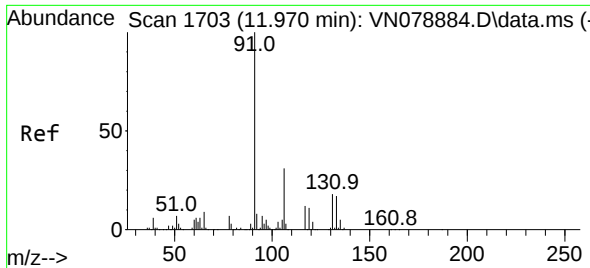
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.852 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

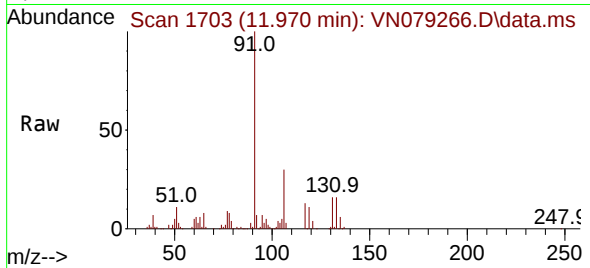
Tgt Ion:131 Resp: 46487
Ion Ratio Lower Upper
131 100
133 96.3 46.4 139.1
119 69.6 34.1 102.2





#67
Ethyl Benzene
Concen: 21.172 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

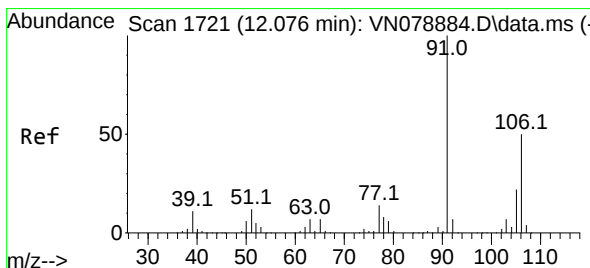
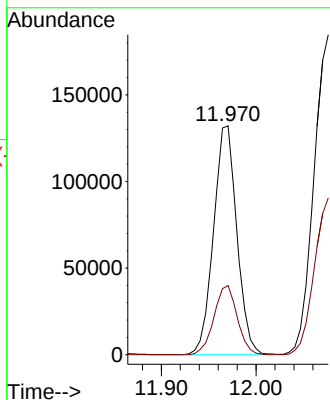
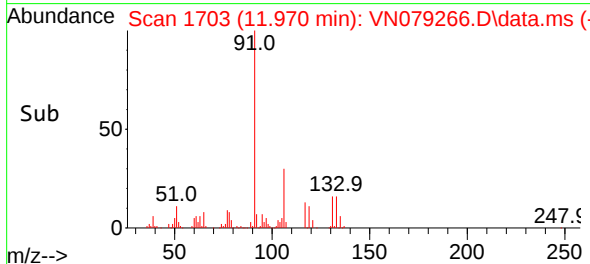
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



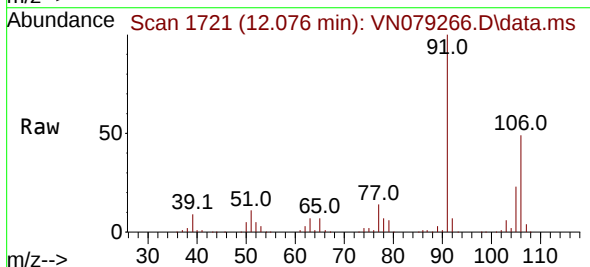
Tgt Ion: 91 Resp: 226139
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4

Manual Integrations
APPROVED

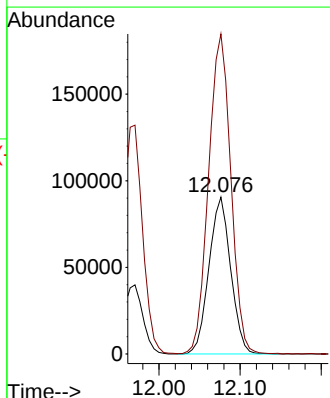
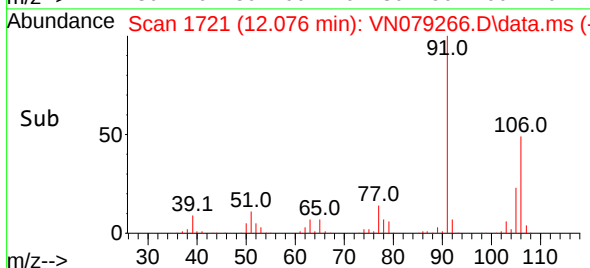
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

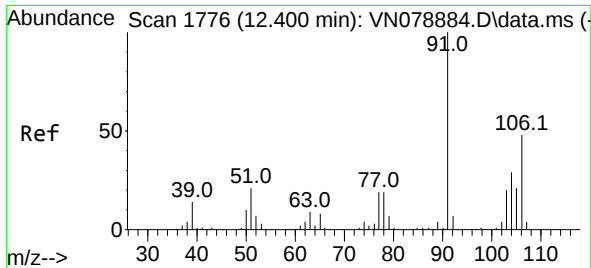


#68
m/p-Xylenes
Concen: 42.298 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion:106 Resp: 168399
Ion Ratio Lower Upper
106 100
91 209.2 159.6 239.4





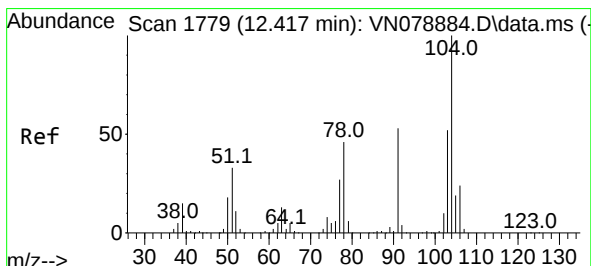
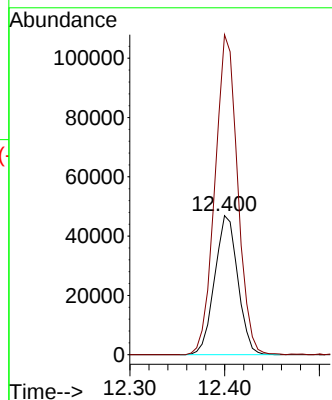
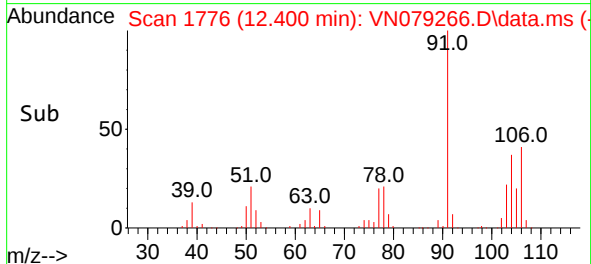
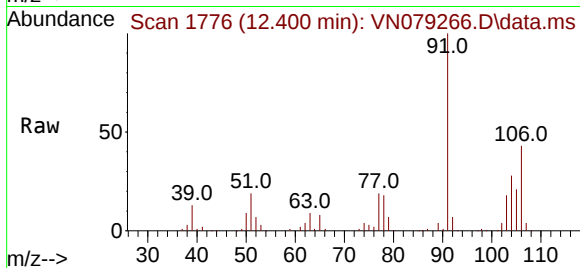
#69
o-Xylene
Concen: 20.865 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion:106 Resp: 7966
Ion Ratio Lower Upper
106 100
91 225.4 105.2 315.5

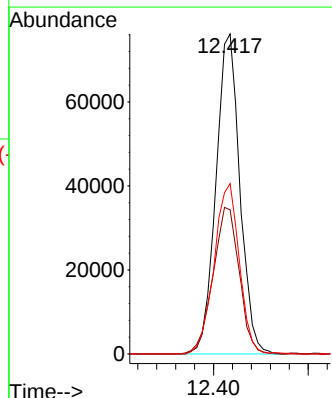
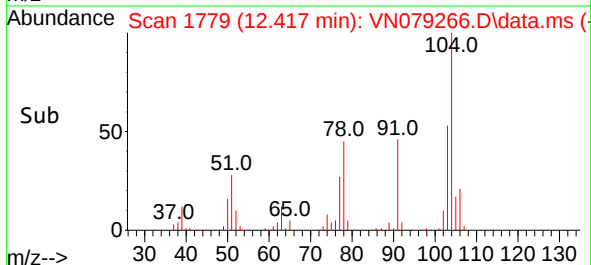
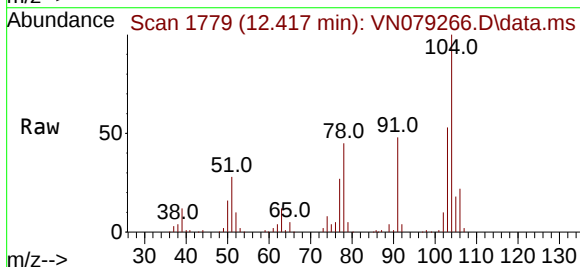
Manual Integrations
APPROVED

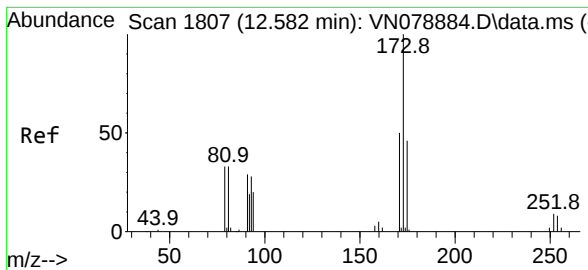
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#70
Styrene
Concen: 21.750 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

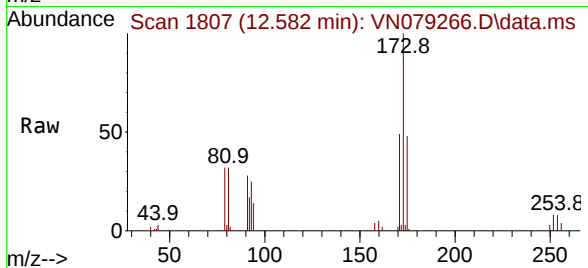
Tgt Ion:104 Resp: 133568
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 56.1 43.2 64.8





#71
Bromoform
Concen: 19.396 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

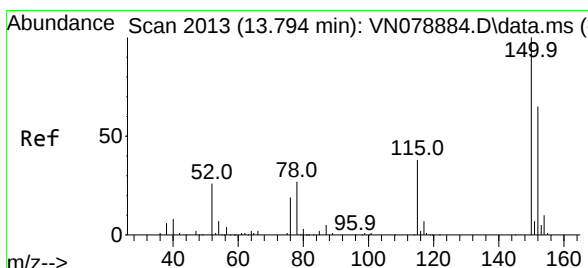
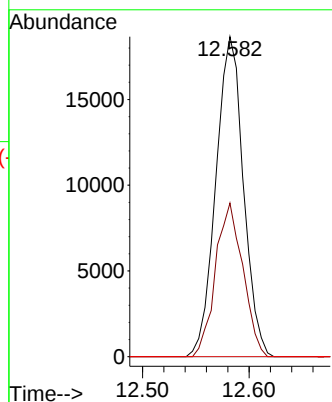
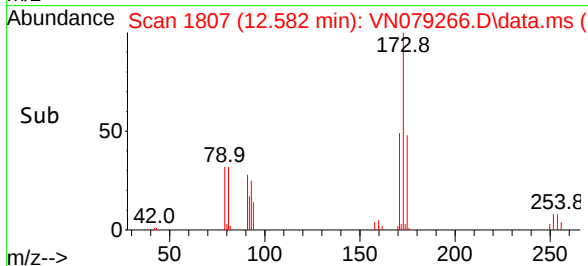
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



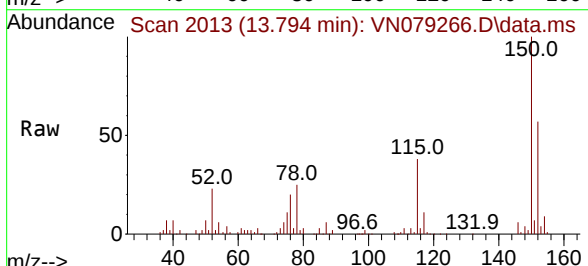
Tgt Ion:173 Resp: 33530
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

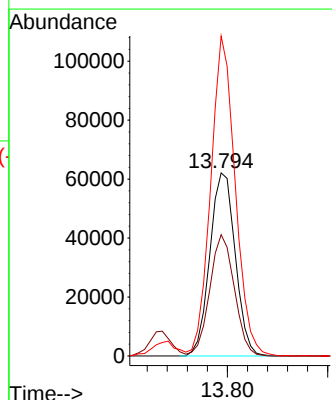
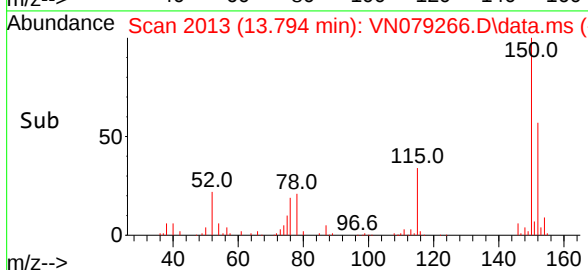
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

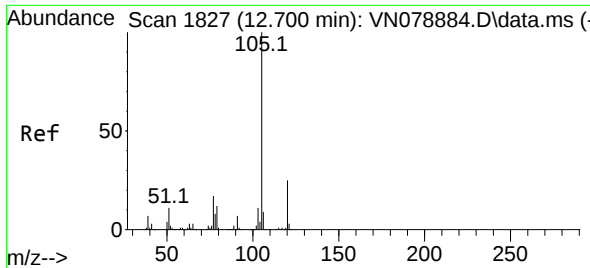


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



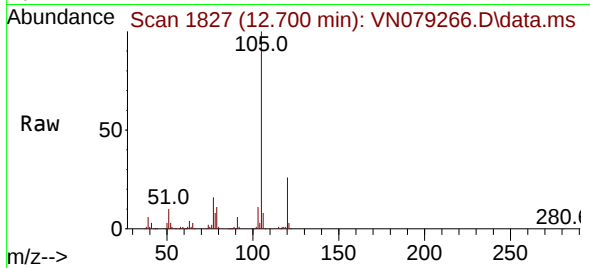
Tgt Ion:152 Resp: 109428
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 168.4 0.0 355.8





#73
Isopropylbenzene
Concen: 21.248 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

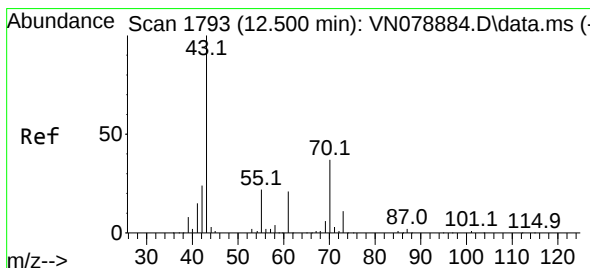
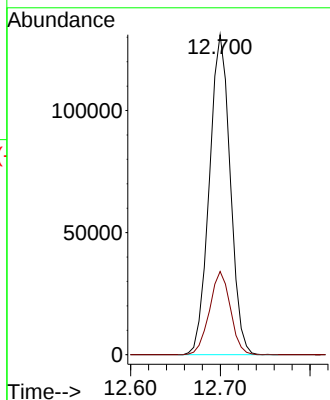
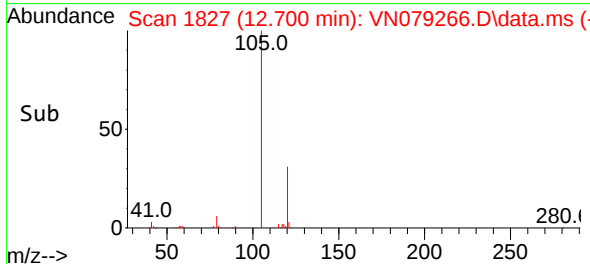
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



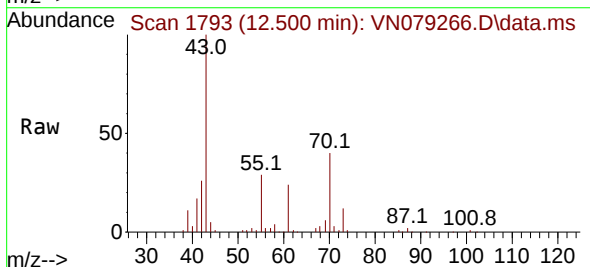
Tgt Ion:105 Resp: 211540
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

Manual Integrations
APPROVED

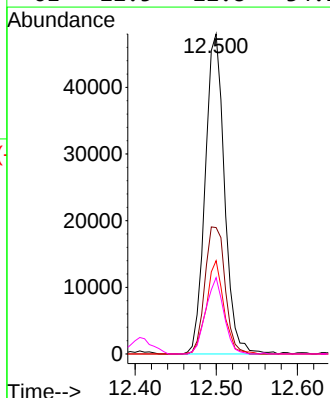
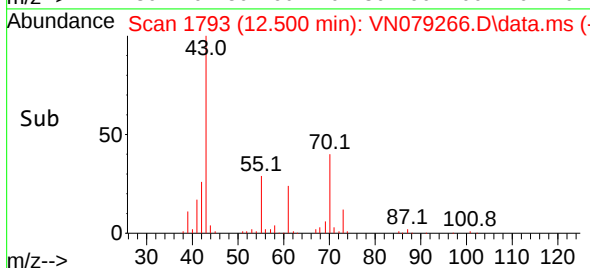
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

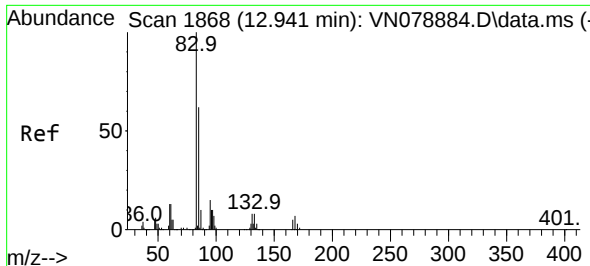


#74
N-ethyl acetate
Concen: 20.996 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



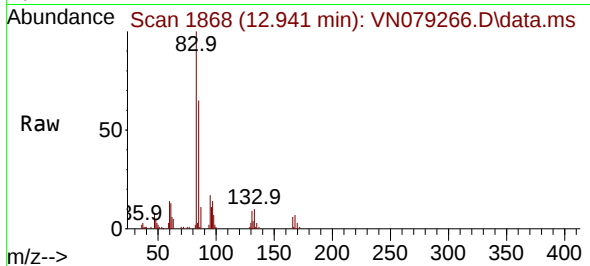
Tgt Ion: 43 Resp: 79308
Ion Ratio Lower Upper
43 100
70 41.5 43.4 65.2#
55 26.6 21.4 32.0
61 22.5 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.930 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

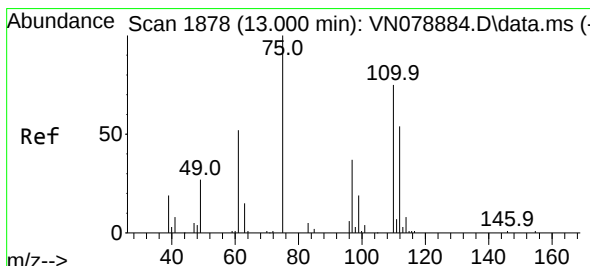
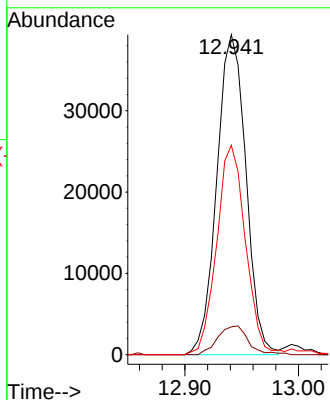
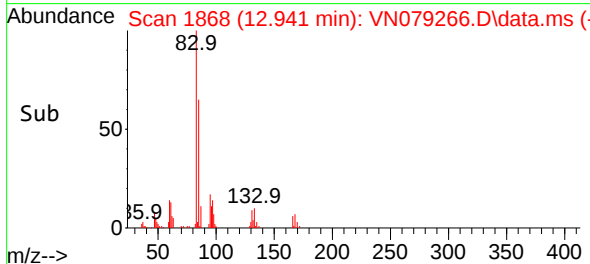
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



Tgt Ion: 83 Resp: 7018
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 64.5 31.9 95.7

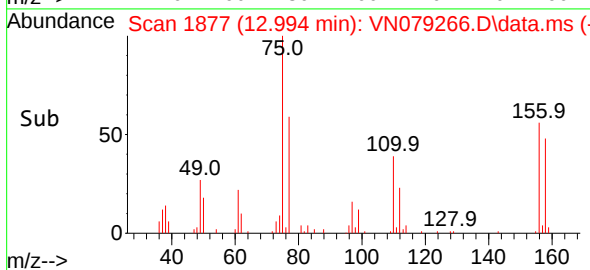
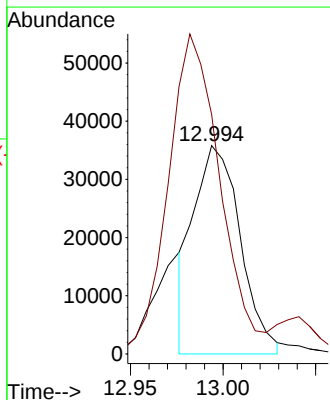
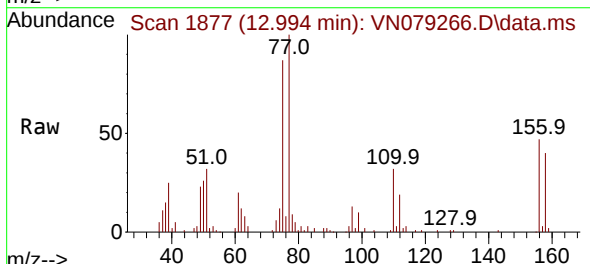
Manual Integrations
APPROVED

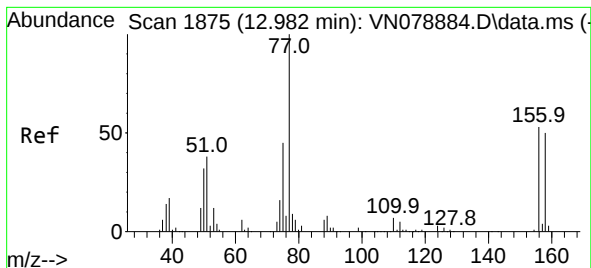
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#76
1,2,3-Trichloropropane
Concen: 21.196 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Tgt Ion: 75 Resp: 62513
Ion Ratio Lower Upper
75 100
77 172.0 84.5 253.5





#77

Bromobenzene

Concen: 18.882 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

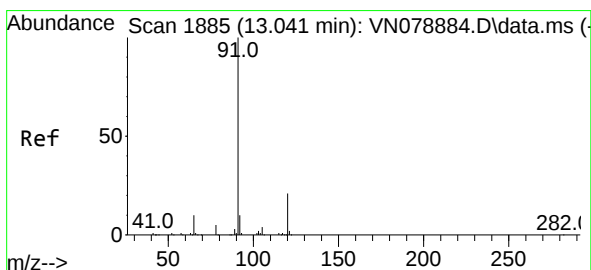
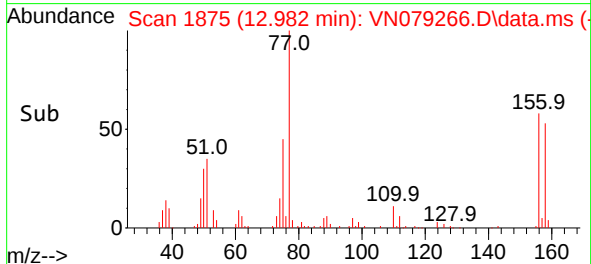
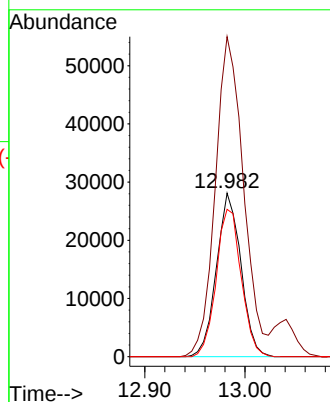
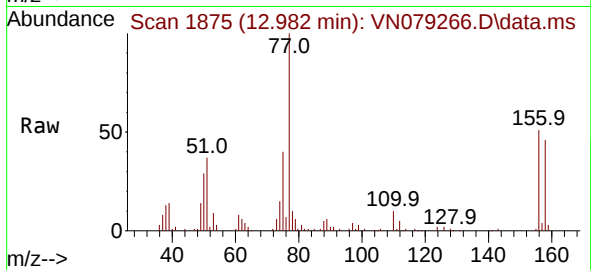
VN0915MBS02

Tgt Ion:	156	Resp:	47600
Ion Ratio	Lower	Upper	
156	100		
77	225.8	107.7	323.3
158	92.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#78

n-propylbenzene

Concen: 22.242 ug/l

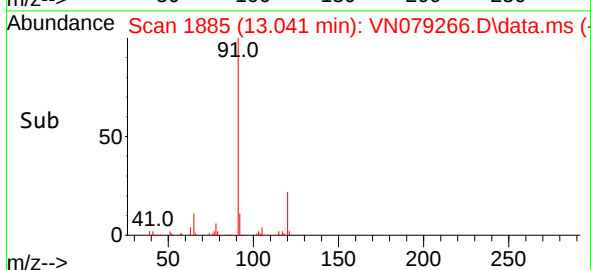
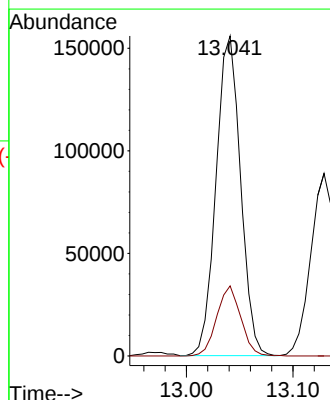
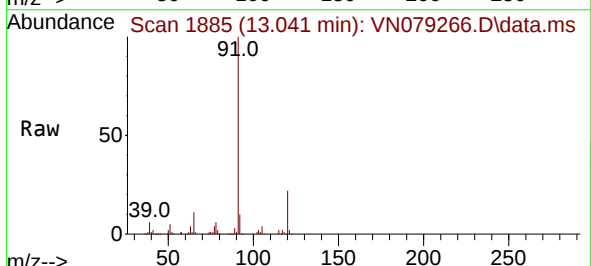
RT: 13.041 min Scan# 1885

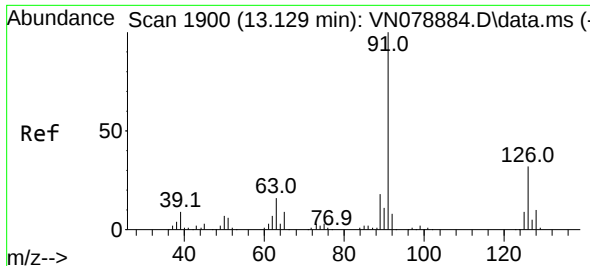
Delta R.T. -0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Tgt Ion:	91	Resp:	248759
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.5	34.4





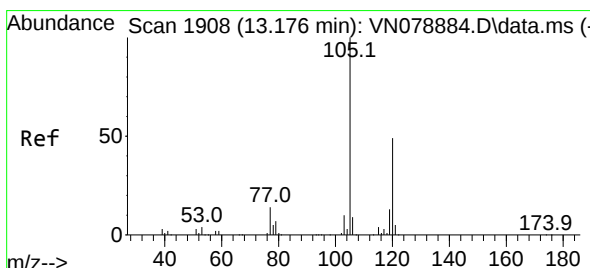
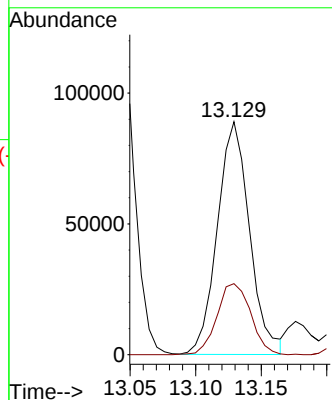
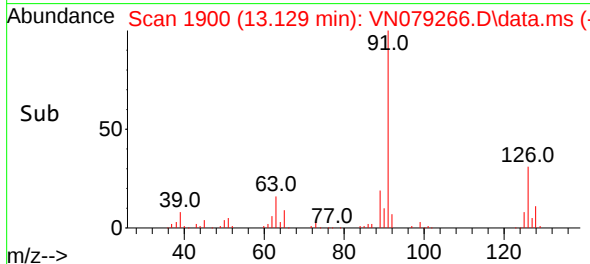
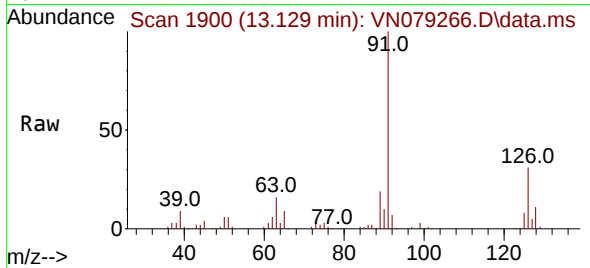
#79
2-Chlorotoluene
Concen: 20.786 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion: 91 Resp: 152049
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8

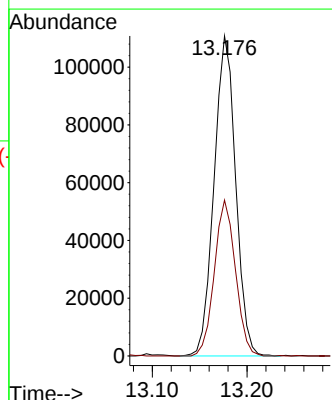
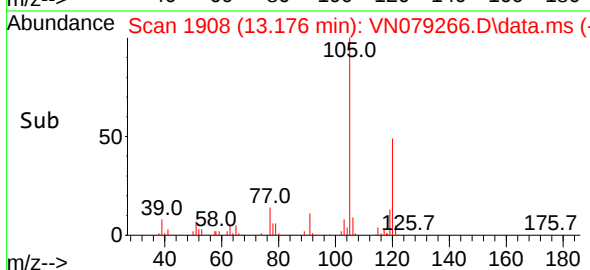
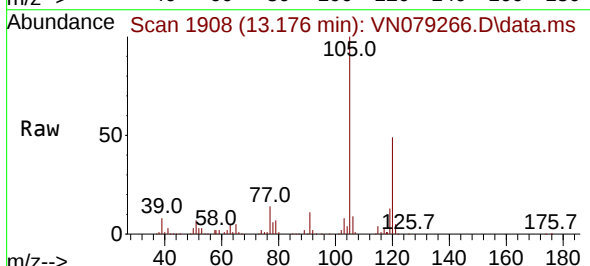
Manual Integrations
APPROVED

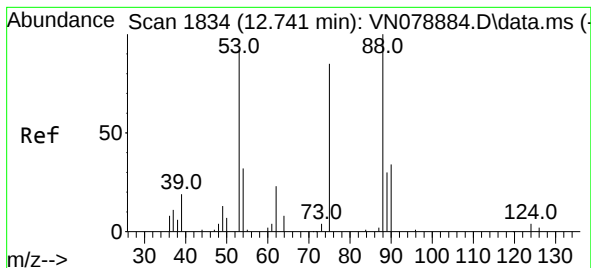
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.168 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

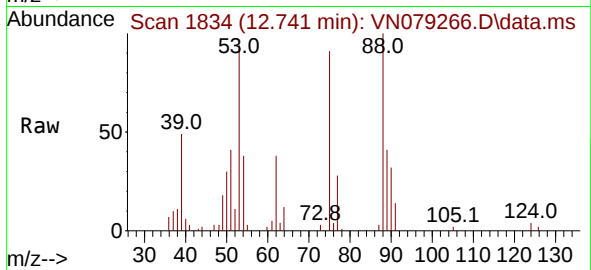
Tgt Ion:105 Resp: 175606
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.224 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

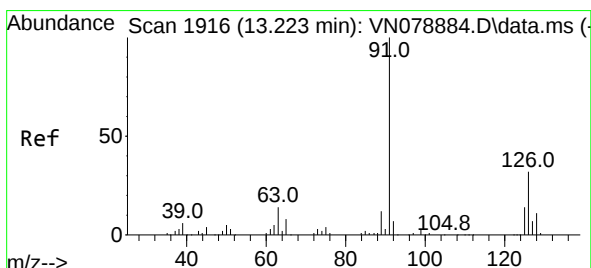
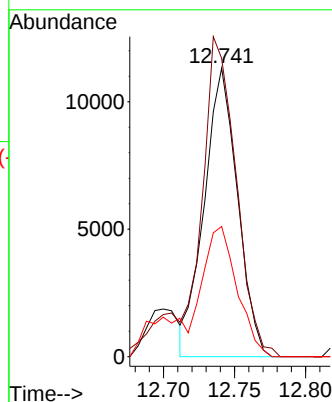
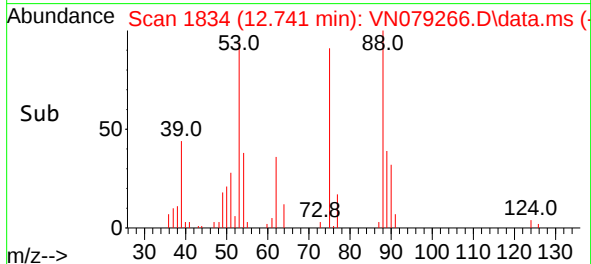
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



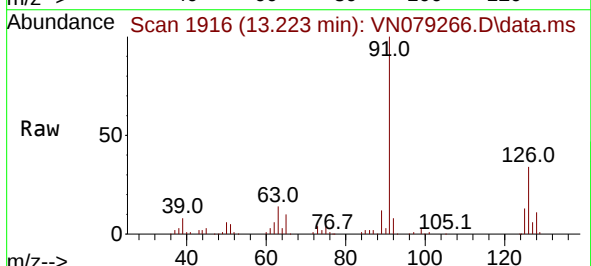
Tgt Ion: 75 Resp: 1847
Ion Ratio Lower Upper
75 100
53 126.0 67.4 101.2
89 46.5 38.8 58.2

Manual Integrations
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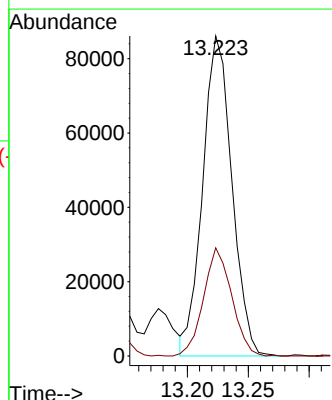
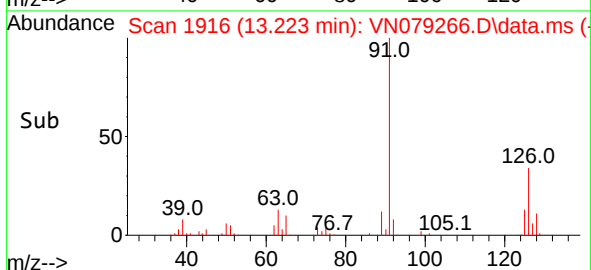
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

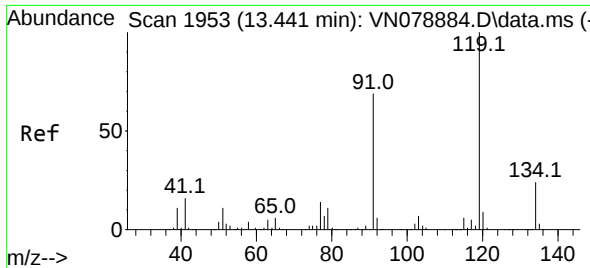


#82
4-Chlorotoluene
Concen: 20.918 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



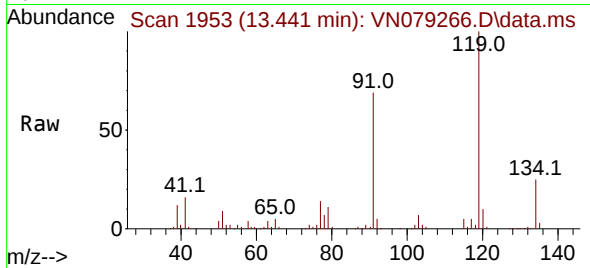
Tgt Ion: 91 Resp: 143780
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 20.238 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

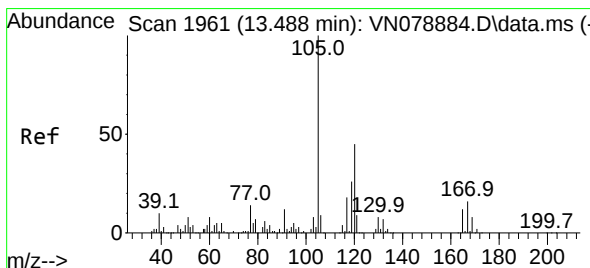
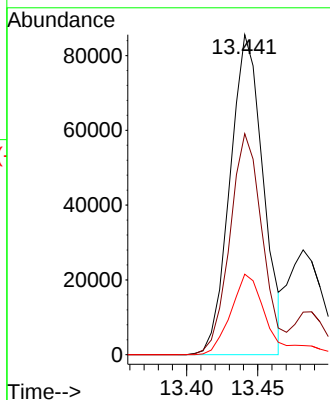
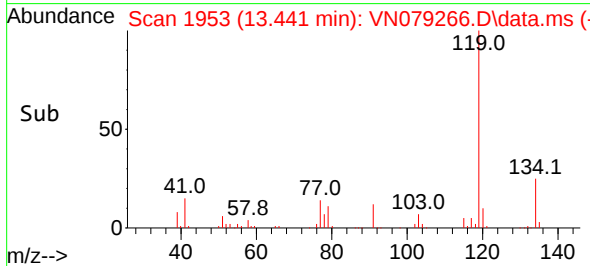
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



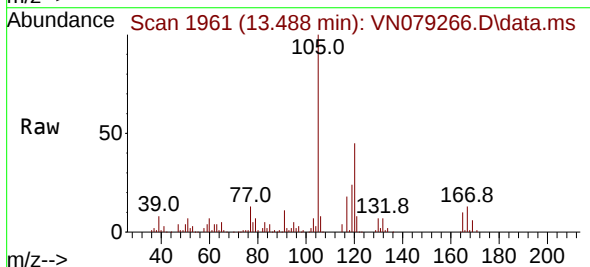
Tgt Ion:119 Resp: 138892
Ion Ratio Lower Upper
119 100
91 68.5 33.9 101.7
134 27.7 13.2 39.6

Manual Integrations
APPROVED

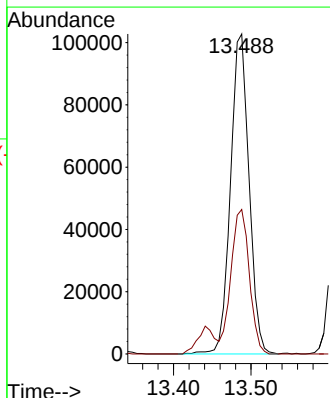
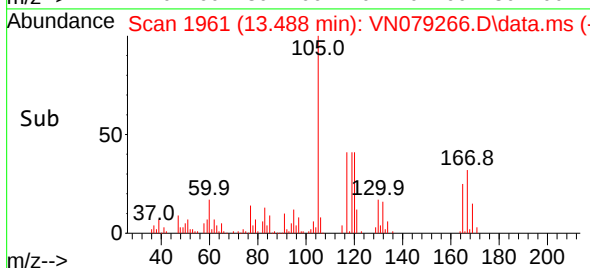
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

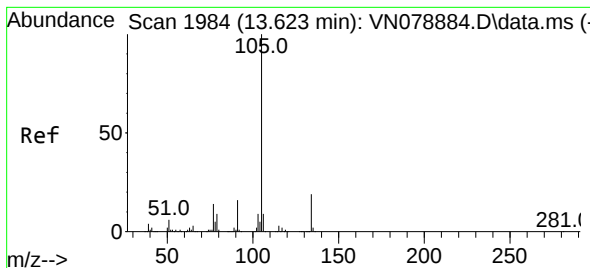


#84
1,2,4-Trimethylbenzene
Concen: 21.632 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion:105 Resp: 170906
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 21.138 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

Tgt Ion:105 Resp: 19971

Ion Ratio Lower Upper

105 100

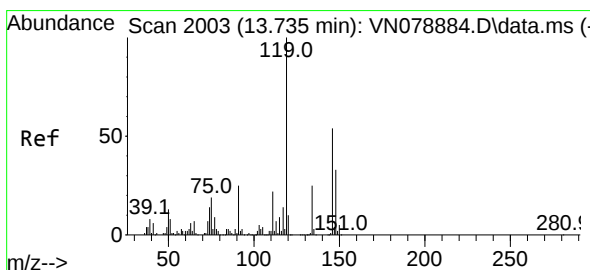
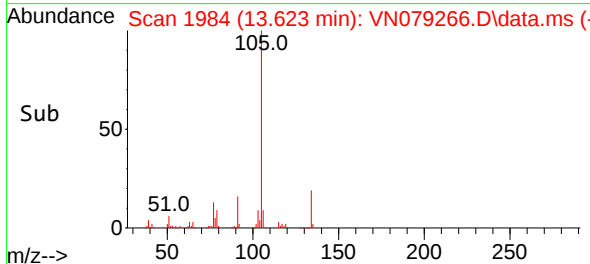
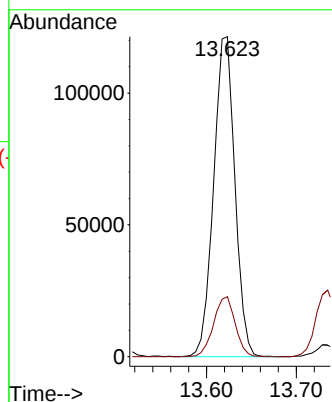
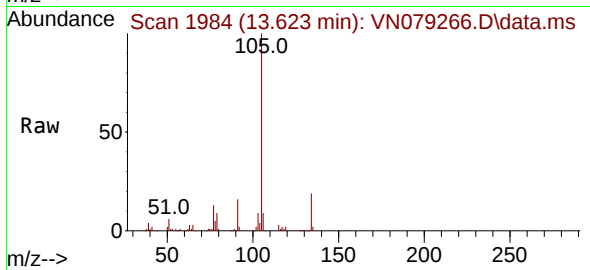
134 19.0 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#86

p-Isopropyltoluene

Concen: 21.394 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

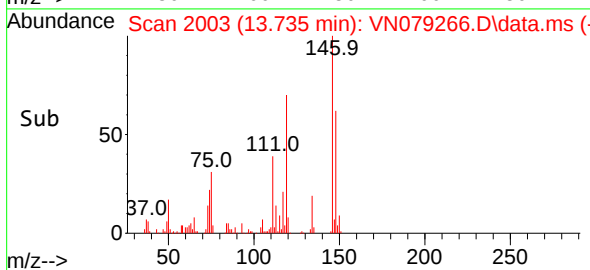
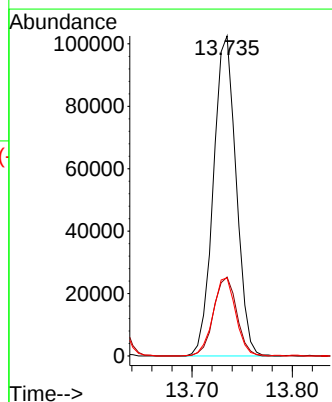
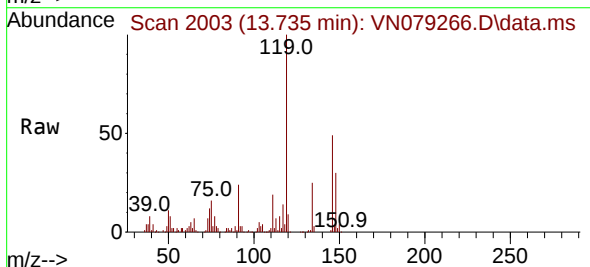
Tgt Ion:119 Resp: 161488

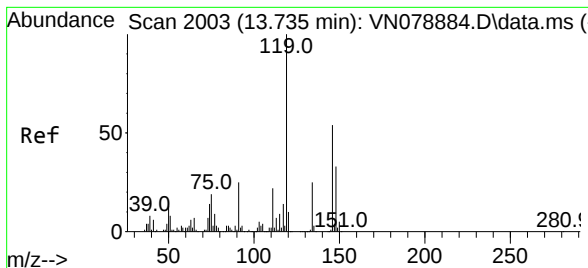
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.708 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

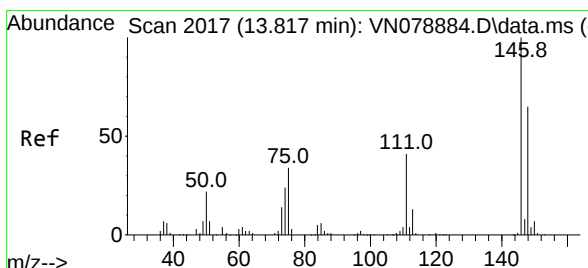
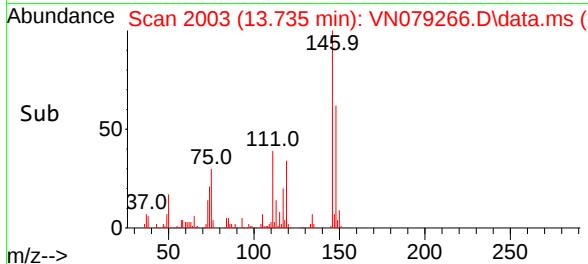
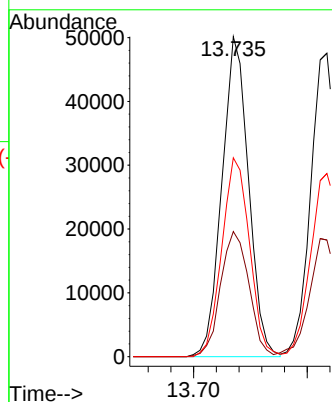
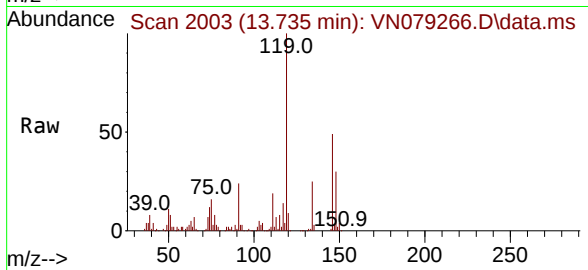
Tgt Ion:146	Resp:	8149
Ion Ratio	Lower	Upper
146	100	
111	41.7	22.1 66.3
148	64.9	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#88

1,4-Dichlorobenzene

Concen: 19.666 ug/l

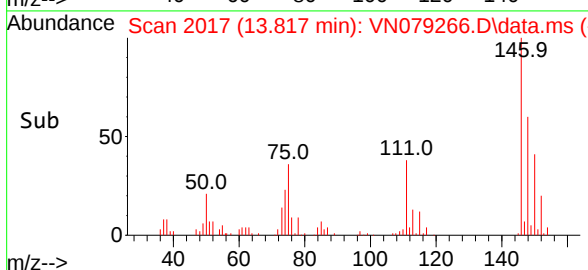
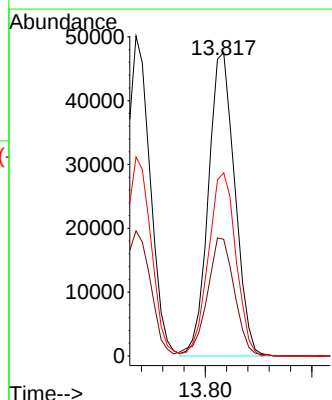
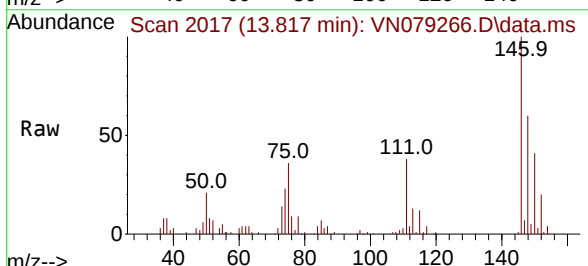
RT: 13.817 min Scan# 2017

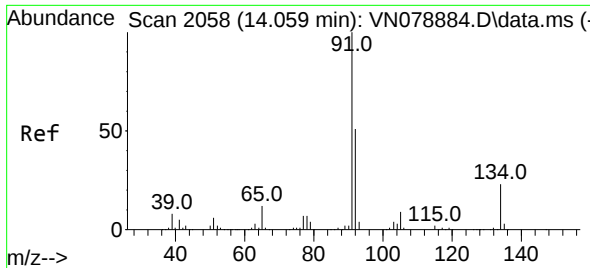
Delta R.T. -0.001 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Tgt Ion:146	Resp:	82168
Ion Ratio	Lower	Upper
146	100	
111	40.2	20.6 61.8
148	62.7	31.6 94.8





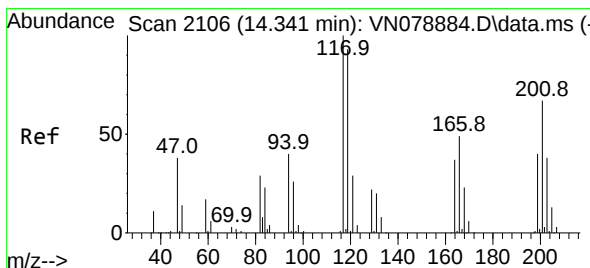
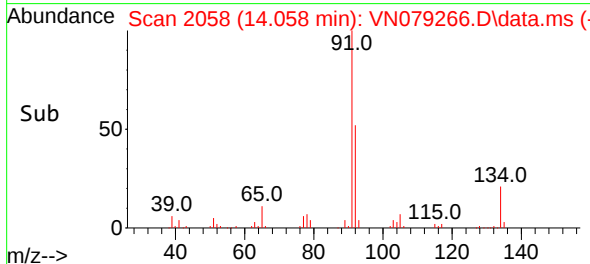
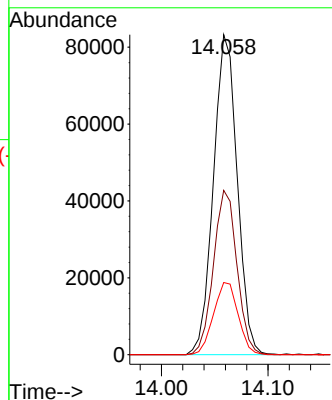
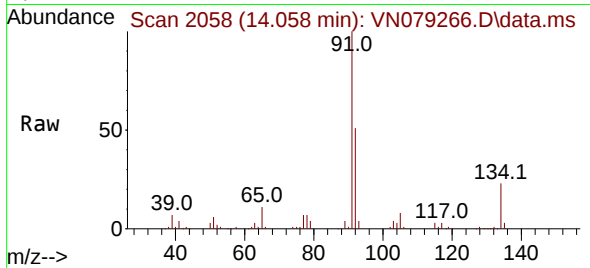
#89
n-Butylbenzene
Concen: 21.733 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02

Tgt Ion: 91 Resp: 129000
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 23.3 12.6 37.6

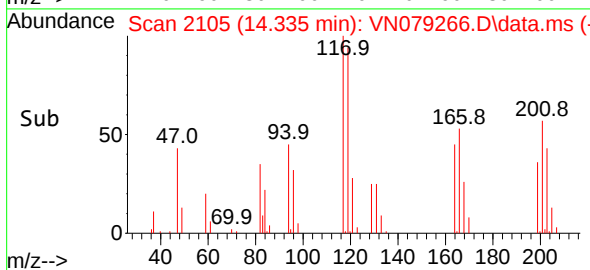
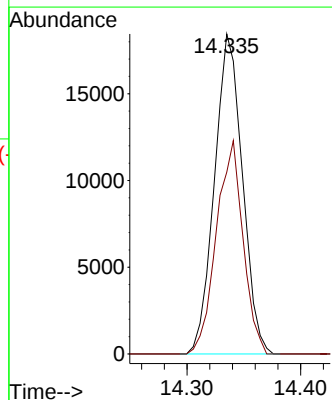
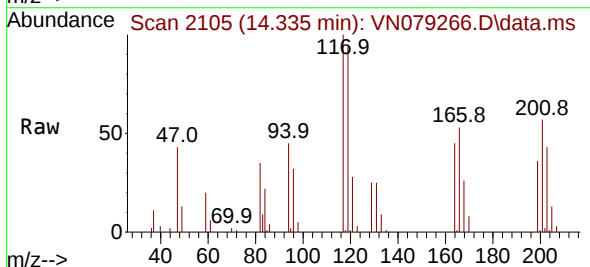
Manual Integrations
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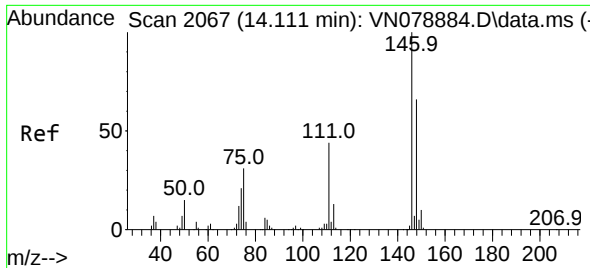
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#90
Hexachloroethane
Concen: 20.546 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

Tgt Ion:117 Resp: 31494
Ion Ratio Lower Upper
117 100
201 63.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 20.113 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

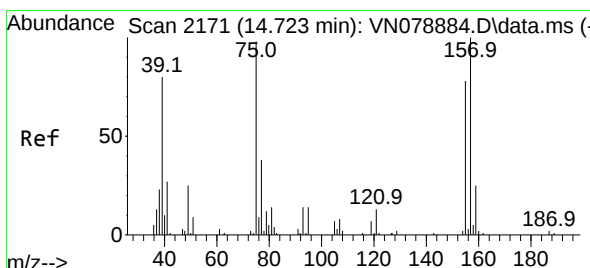
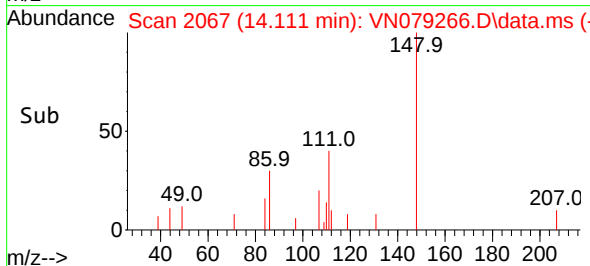
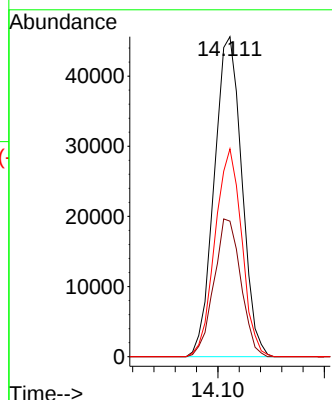
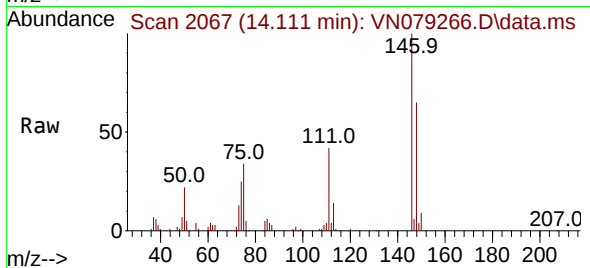
Tgt Ion:	146	Resp:	82099
Ion Ratio	Lower	Upper	
146	100		
111	41.8	22.0	66.0
148	63.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.927 ug/l

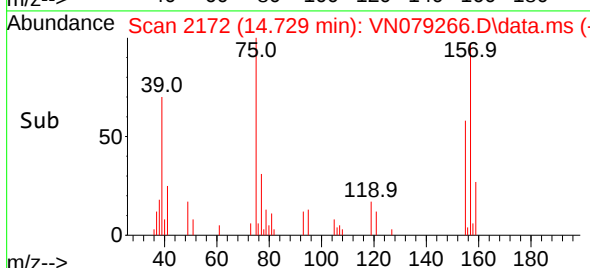
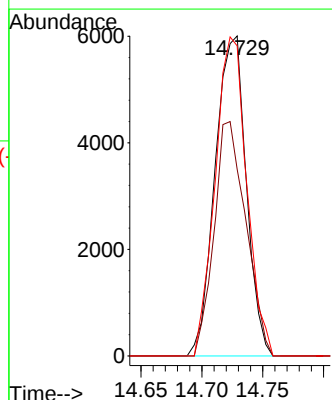
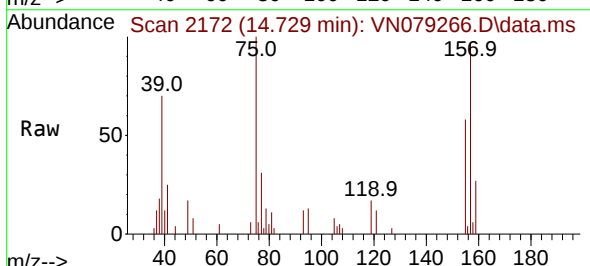
RT: 14.729 min Scan# 2172

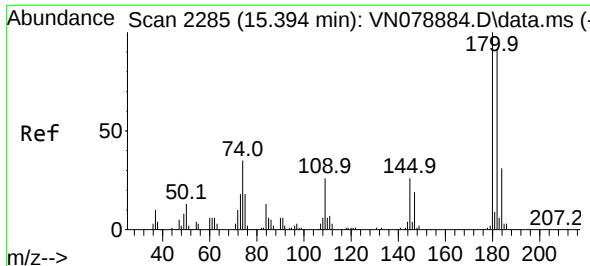
Delta R.T. 0.006 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

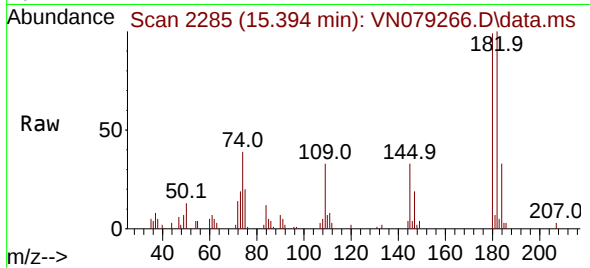
Tgt Ion:	75	Resp:	10667
Ion Ratio	Lower	Upper	
75	100		
155	75.0	39.1	117.2
157	101.2	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 17.003 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44

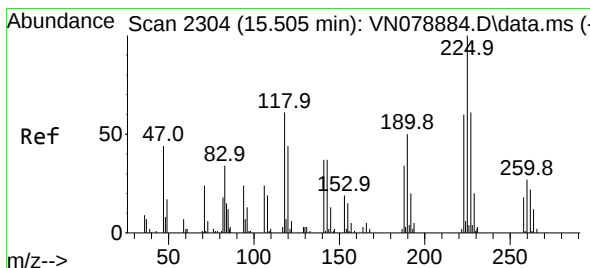
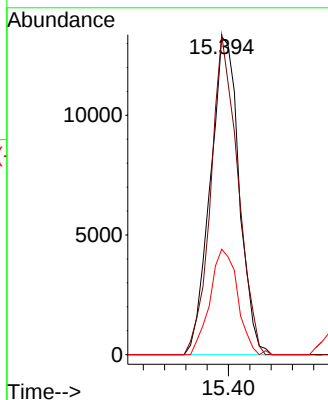
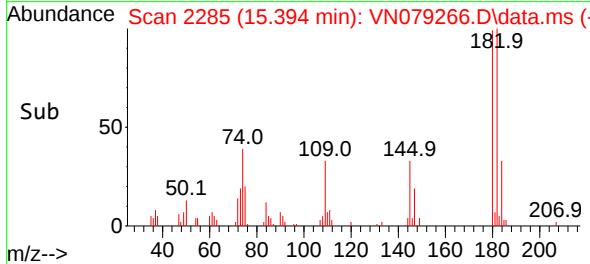
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS02



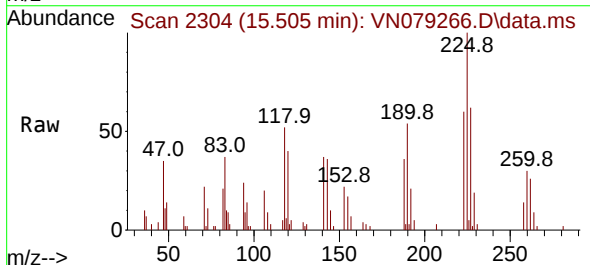
Tgt Ion:180 Resp: 2494
Ion Ratio Lower Upper
180 100
182 94.5 46.1 138.2
145 31.9 16.6 49.8

Manual Integrations
APPROVED

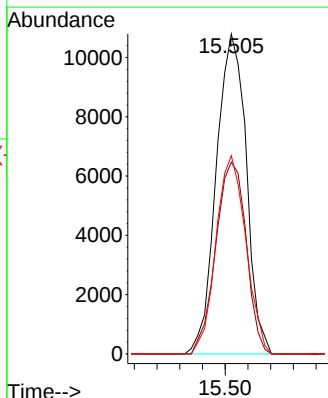
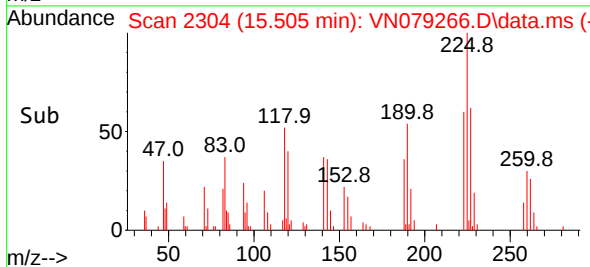
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

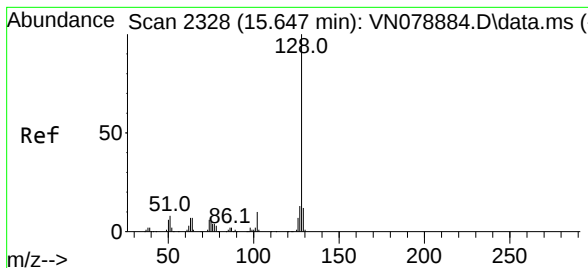


#94
Hexachlorobutadiene
Concen: 17.131 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079266.D
Acq: 15 Sep 2023 12:44



Tgt Ion:225 Resp: 19767
Ion Ratio Lower Upper
225 100
223 60.7 31.3 93.8
227 61.7 31.9 95.9





#95

Naphthalene

Concen: 14.831 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS02

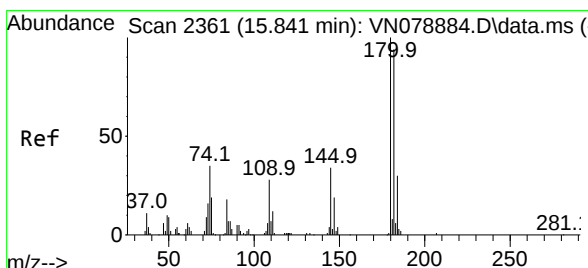
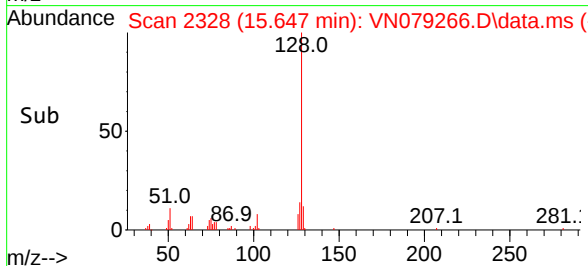
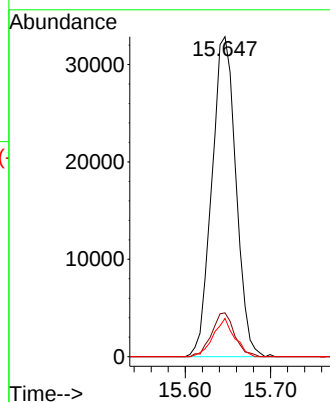
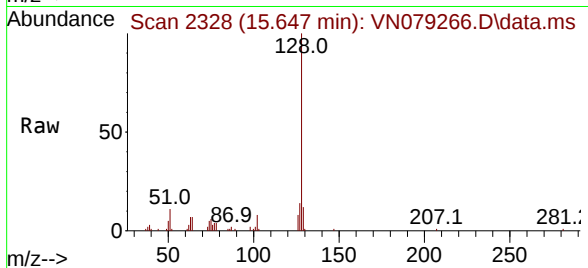
Tgt Ion:128	Resp:	6461
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.0 15.0
129	10.6	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.317 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079266.D

Acq: 15 Sep 2023 12:44

Tgt Ion:180	Resp:	26503
Ion Ratio	Lower	Upper
180	100	
182	100.9	46.2 138.6
145	36.2	17.5 52.6

