

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079111.D
 Acq On : 30 Aug 2023 12:34
 Operator : JC\MD
 Sample : VN0830WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 02:15:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	37080	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	195137	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	178883	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	91382	30.420	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 101.400%		
60) 4-Bromofluorobenzene	12.853	95	79174	30.342	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 101.133%		
63) Toluene-d8	10.571	98	256876	30.750	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 102.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	43663	18.661	ug/l	93
3) Chloromethane	2.365	50	52565	18.746	ug/l	96
4) Vinyl Chloride	2.512	62	54157	19.513	ug/l	92
5) Bromomethane	2.948	94	35030	20.448	ug/l	96
6) Chloroethane	3.118	64	38261	21.214	ug/l	94
7) Trichlorofluoromethane	3.495	101	74256	19.865	ug/l	100
8) Diethyl Ether	3.971	74	26840	19.091	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	39028	19.991	ug/l	89
10) 1,1-Dichloroethene	4.342	96	36884	18.780	ug/l #	83
11) Methyl Iodide	4.589	142	46691	19.700	ug/l	92
12) Methyl Acetate	5.030	43	97885	21.262	ug/l	95
13) Acrolein	4.189	56	27853	86.803	ug/l	94
14) Acrylonitrile	5.730	53	128764	106.401	ug/l #	93
15) Acetone	4.424	58	35450	95.493	ug/l	70
16) Carbon Disulfide	4.712	76	96881	17.167	ug/l	96
17) Allyl chloride	5.030	41	65255	18.127	ug/l	89
18) Methylene Chloride	5.277	84	47625	20.283	ug/l	91
19) trans-1,2-Dichloroethene	5.794	96	41009	18.552	ug/l	93
20) Diisopropyl ether	6.683	45	154349	19.711	ug/l	91
21) 1,1-Dichloroethane	6.577	63	84292	19.399	ug/l	94
22) cis-1,2-Dichloroethene	7.488	96	49058	19.391	ug/l	98
23) tert-Butyl Alcohol	5.524	59	41986	93.010	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	134282	19.260	ug/l	99
25) Chloroform	7.971	83	87784	20.054	ug/l	98
26) Cyclohexane	8.265	56	58670	18.458	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	61853	20.837	ug/l	98
30) 2-Butanone	7.494	43	177153	101.943	ug/l	100
31) 2,2-Dichloropropane	7.494	77	66785	20.357	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	73883	20.847	ug/l	98
33) Carbon Tetrachloride	8.365	117	63669	20.740	ug/l	95
34) Benzene	8.606	78	182138	20.475	ug/l #	93
35) Methacrylonitrile	7.788	41	42503	22.948	ug/l	96
36) 1,2-Dichloroethane	8.677	62	71466	21.453	ug/l	97
37) Trichloroethene	9.359	130	43512	19.650	ug/l	81
38) Methylcyclohexane	9.606	83	54287	20.772	ug/l	97
39) 1,2-Dichloropropane	9.629	63	51400	21.451	ug/l	95
40) Dibromomethane	9.718	93	34485	21.470	ug/l	96
41) Bromodichloromethane	9.894	83	68994	21.360	ug/l	96
42) Vinyl Acetate	6.612	43	500247	102.101	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	75410	22.368	ug/l	96
44) Isopropyl Acetate	8.694	43	125175	21.072	ug/l	98
45) 1,4-Dioxane	9.700	88	20145	450.650	ug/l	100
46) Methyl methacrylate	9.688	41	57920	22.130	ug/l	96
47) n-amyl Acetate	12.500	43	91001	19.963	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	70780	20.575	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	78325	21.233	ug/l	96
50) 1,1,2-Trichloroethane	11.024	97	47815	22.029	ug/l	94
51) Ethyl methacrylate	10.882	69	68084	20.266	ug/l	98
52) 1,3-Dichloropropane	11.165	76	86985	22.375	ug/l	98
53) Dibromochloromethane	11.365	129	50660	21.325	ug/l	96
54) 1,2-Dibromoethane	11.476	107	48029	21.553	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	161784	104.189	ug/l	97
56) Bromoform	12.582	173	33269	19.849	ug/l #	92
58) 4-Methyl-2-Pentanone	10.453	43	377723	106.428	ug/l	99
59) 2-Hexanone	11.200	43	270685	104.095	ug/l	99
61) Tetrachloroethene	11.112	164	36810	21.252	ug/l	97
62) Toluene	10.635	91	196189	20.089	ug/l	96
64) Chlorobenzene	11.894	112	120905	20.590	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	46608	20.759	ug/l	97
66) Ethyl Benzene	11.970	91	205182	20.085	ug/l	96
67) m/p-Xylenes	12.076	106	159080	41.765	ug/l	98
68) o-Xylene	12.406	106	74578	19.858	ug/l	98
69) Styrene	12.418	104	124709	20.436	ug/l	98
70) Isopropylbenzene	12.700	105	189318	20.805	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	76678	22.478	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	50117m	17.909	ug/l	
73) Bromobenzene	12.988	156	47795	20.631	ug/l	98
74) n-propylbenzene	13.041	91	217876	21.127	ug/l	99
75) 2-Chlorotoluene	13.129	91	136052	20.795	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	156222	21.657	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	20222	19.445	ug/l	91
78) 4-Chlorotoluene	13.229	91	131679	21.009	ug/l	99
79) tert-butylbenzene	13.441	119	128475	21.077	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	157467	22.201	ug/l	99
81) sec-Butylbenzene	13.623	105	173983	21.627	ug/l	98
82) p-Isopropyltoluene	13.735	119	143082	21.785	ug/l	97
83) 1,3-Dichlorobenzene	13.741	146	80959	21.655	ug/l	96
84) 1,4-Dichlorobenzene	13.817	146	74501	20.297	ug/l	98
85) n-Butylbenzene	14.064	91	107509	20.812	ug/l	99
86) Hexachloroethane	14.335	117	29030	21.601	ug/l	95
87) 1,2-Dichlorobenzene	14.112	146	80516	21.027	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13629	22.260	ug/l	98
89) 1,2,4-Trichlorobenzene	15.847	180	29045	19.206	ug/l	98
90) Hexachlorobutadiene	15.506	225	16373	20.795	ug/l	97
91) Naphthalene	15.647	128	71192	16.322	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.847	180	29045	19.206	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

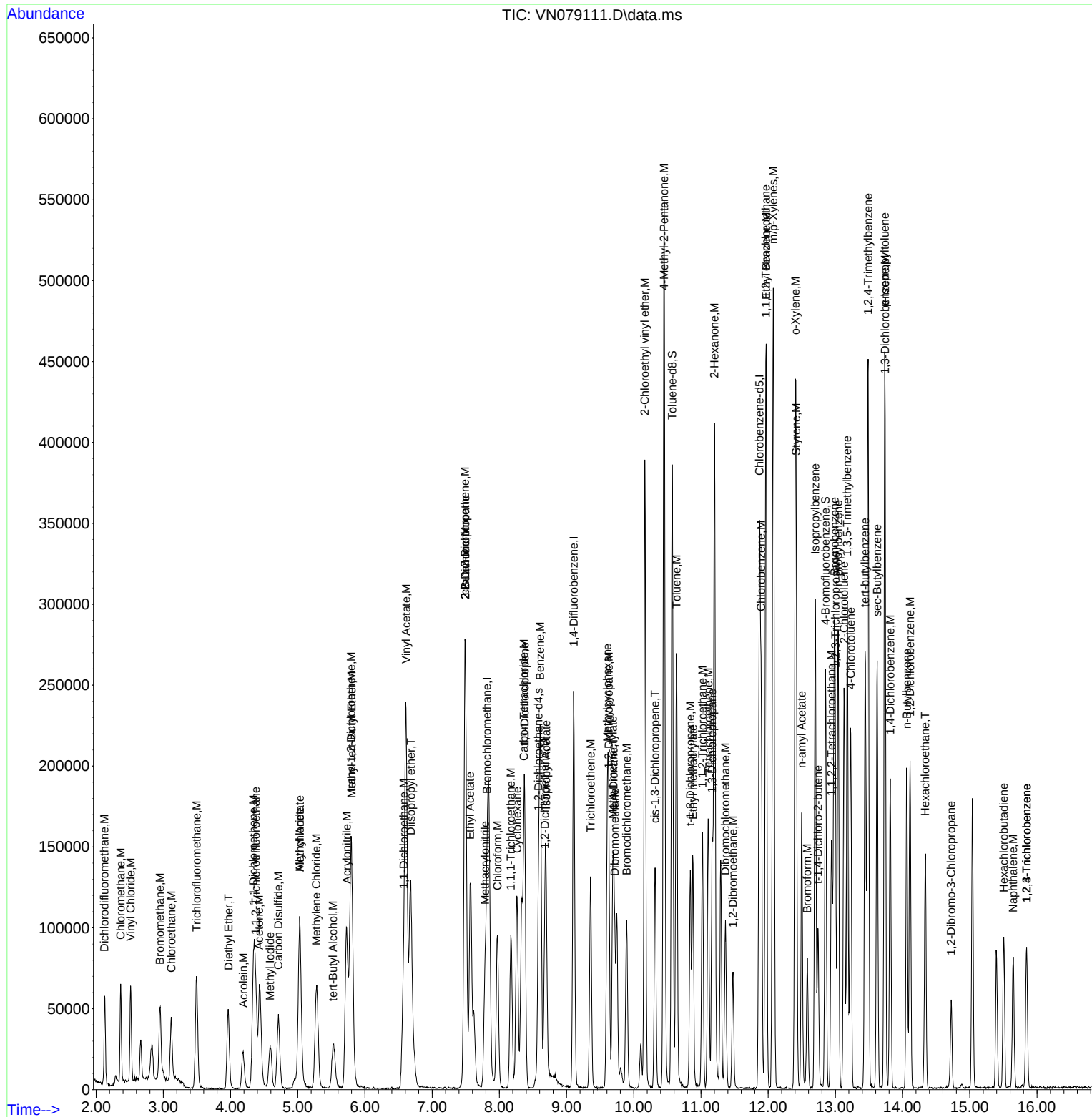
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
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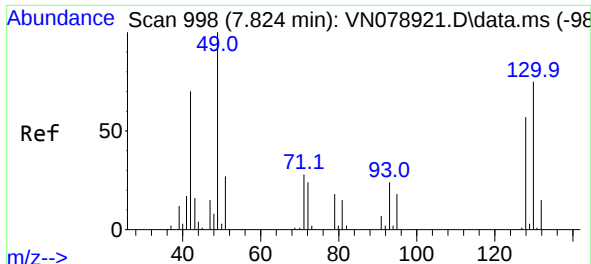
Instrument :
MSVOA_N
ClientSampleId :
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APPROVED

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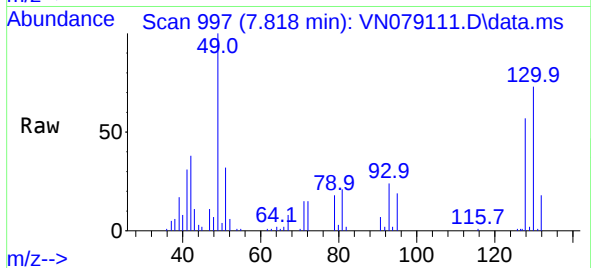
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

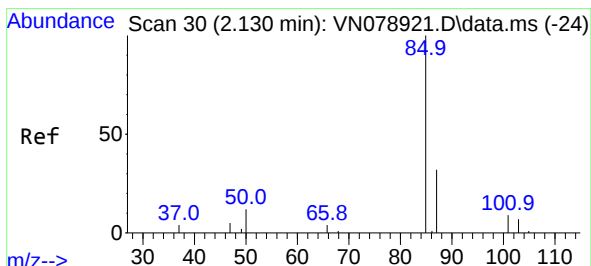
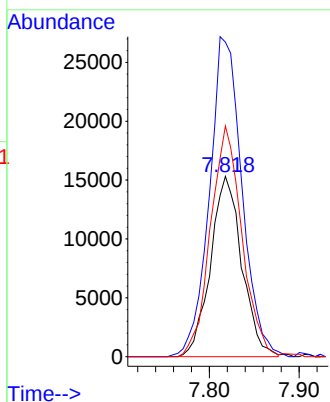
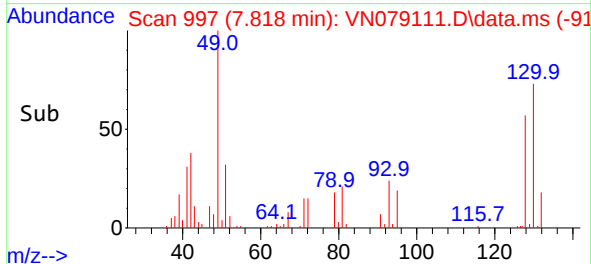
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



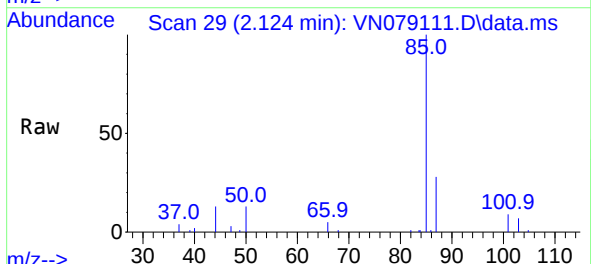
Tgt Ion:128 Resp: 37080
Ion Ratio Lower Upper
128 100
49 184.5 0.0 481.8
130 128.0 0.0 320.5

Manual Integrations
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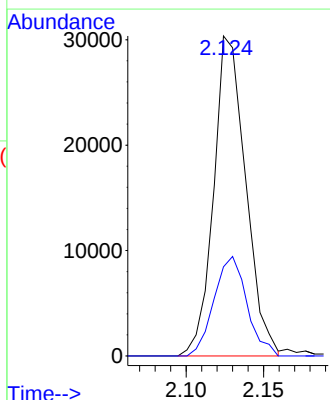
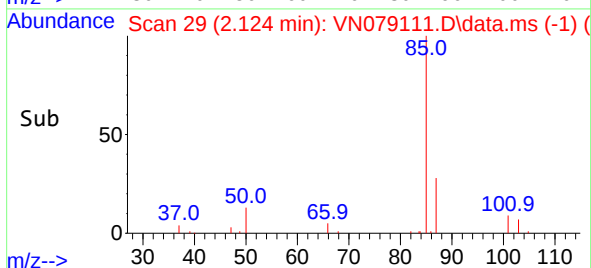
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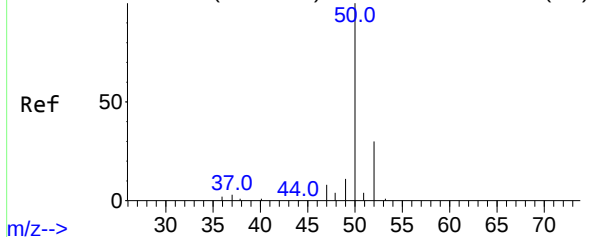
#2
Dichlorodifluoromethane
Concen: 18.661 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



Tgt Ion: 85 Resp: 43663
Ion Ratio Lower Upper
85 100
87 27.8 15.9 47.7



Abundance Scan 70 (2.365 min): VN078921.D\data.ms (-64)



#3

Chloromethane

Concen: 18.746 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01

Tgt Ion: 50 Resp: 5256

Ion Ratio Lower Upper

50 100

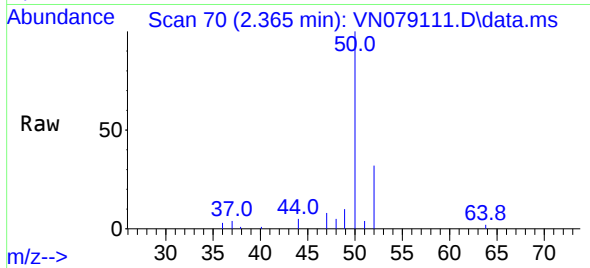
52 32.5 24.2 36.4

Manual Integrations

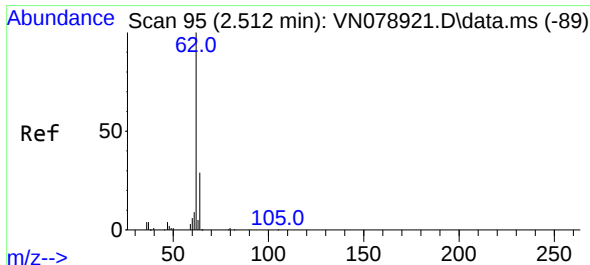
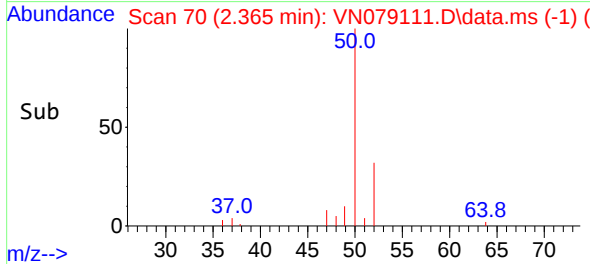
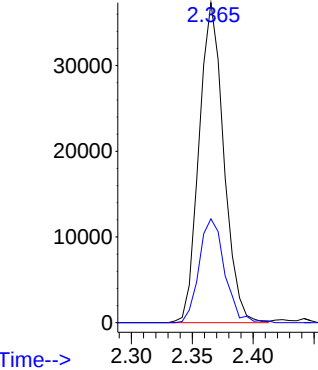
APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



Abundance



#4

Vinyl Chloride

Concen: 19.513 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079111.D

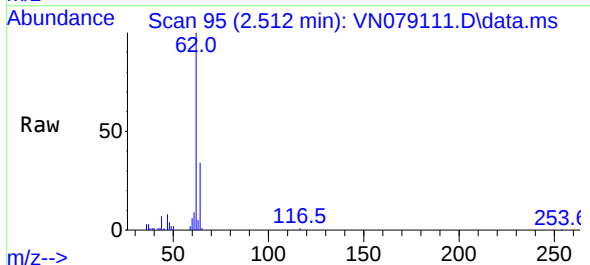
Acq: 30 Aug 2023 12:34

Tgt Ion: 62 Resp: 54157

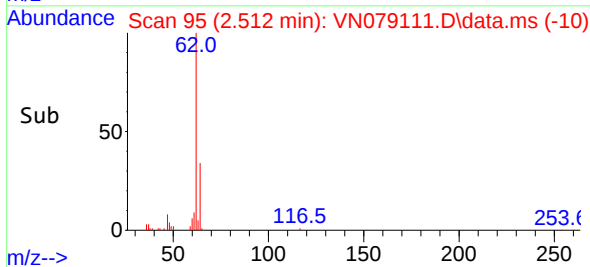
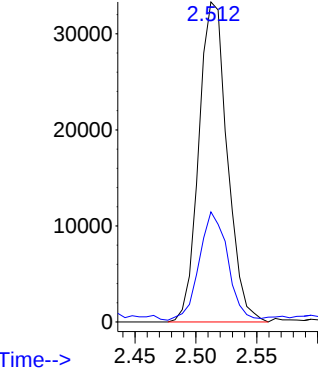
Ion Ratio Lower Upper

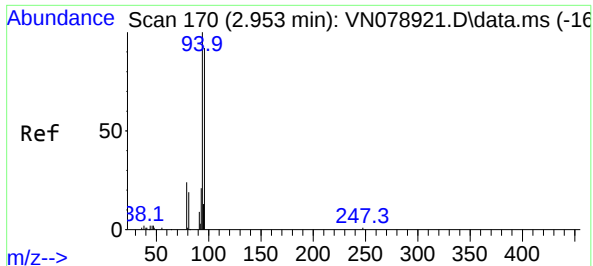
62 100

64 33.9 23.8 35.8



Abundance





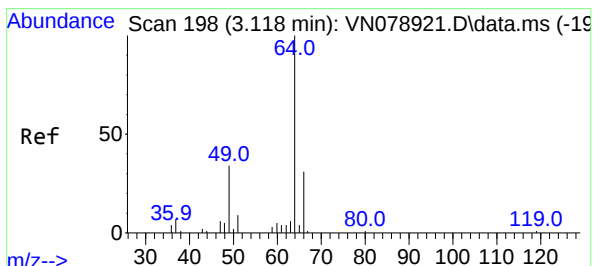
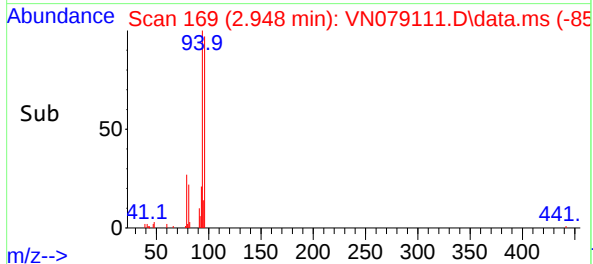
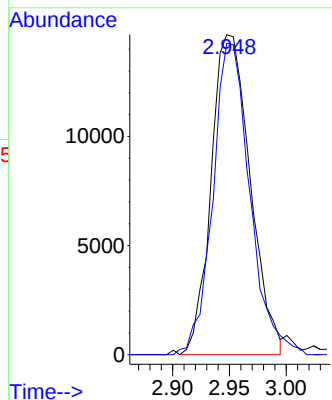
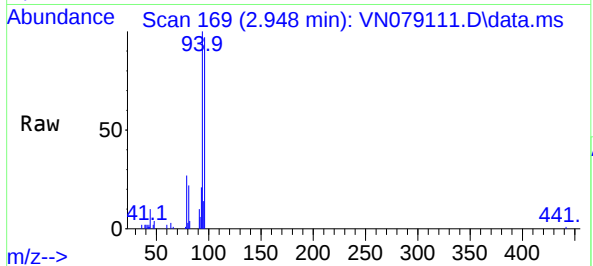
#5
Bromomethane
Concen: 20.448 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
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Tgt Ion: 94 Resp: 35030
Ion Ratio Lower Upper
94 100
96 95.6 73.6 110.4

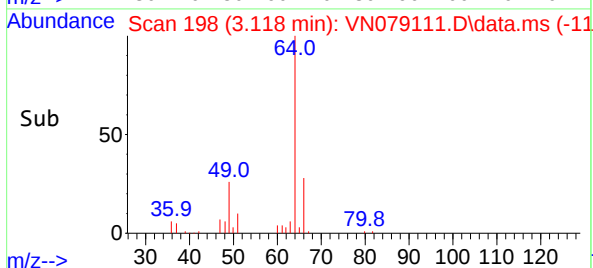
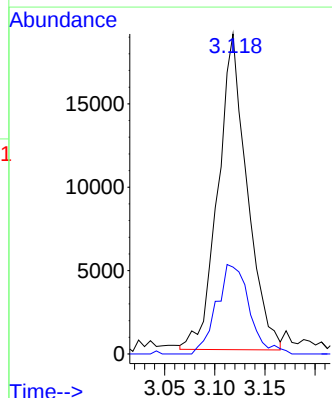
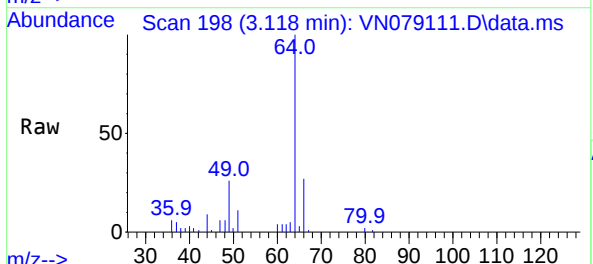
Manual Integrations
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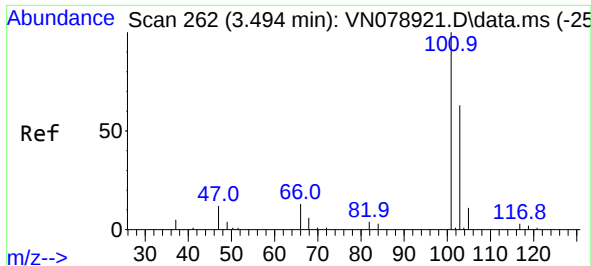
Reviewed By :John Carlone 08/31/2023
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#6
Chloroethane
Concen: 21.214 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

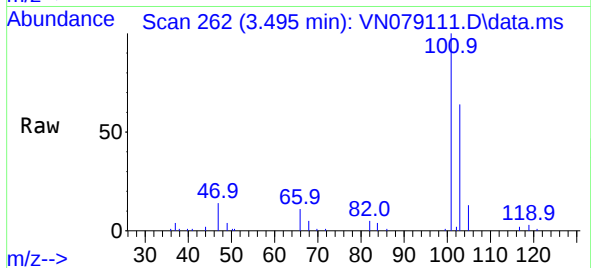
Tgt Ion: 64 Resp: 38261
Ion Ratio Lower Upper
64 100
66 27.9 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 19.865 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079111.D
 Acq: 30 Aug 2023 12:34

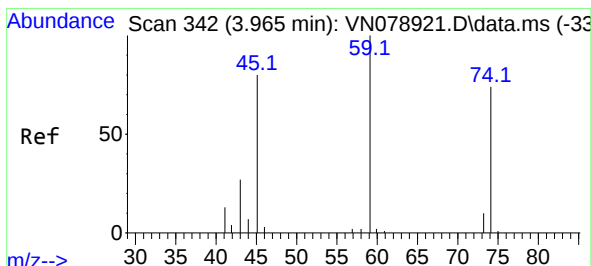
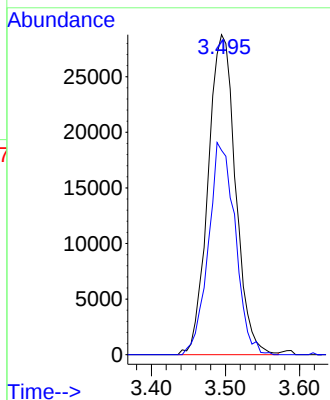
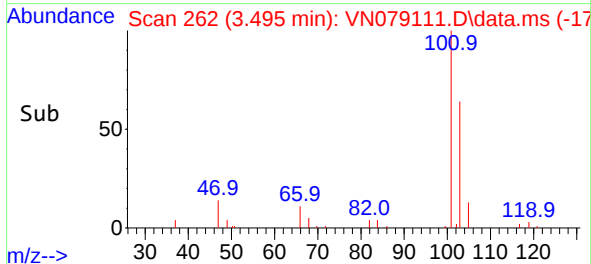
Instrument :
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 ClientSampleId :
 VN0830WBSD01



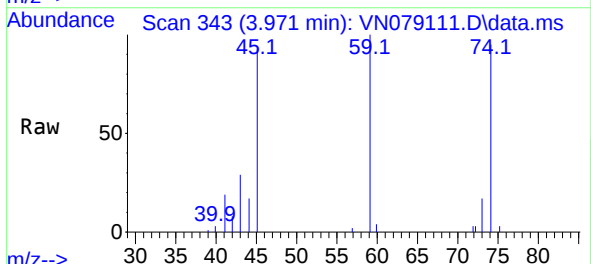
Tgt Ion:101 Resp: 74250
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.9 76.3

Manual Integrations
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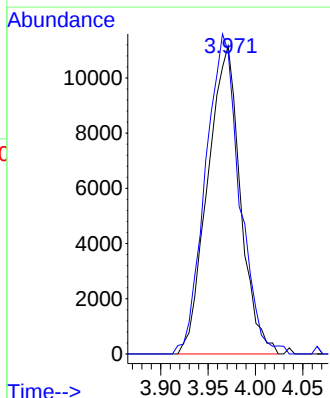
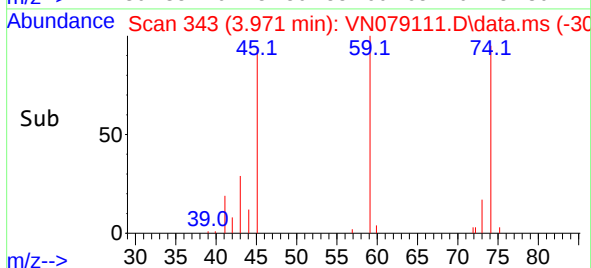
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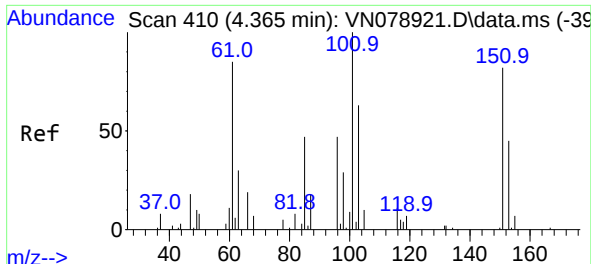


#8
 Diethyl Ether
 Concen: 19.091 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 26840
 Ion Ratio Lower Upper
 74 100
 45 107.7 21.3 191.9





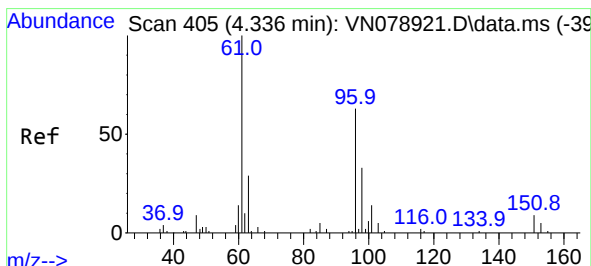
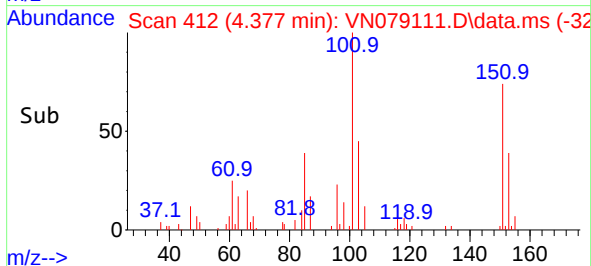
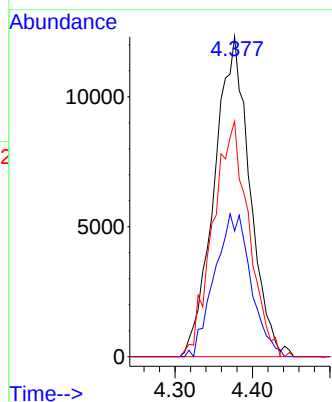
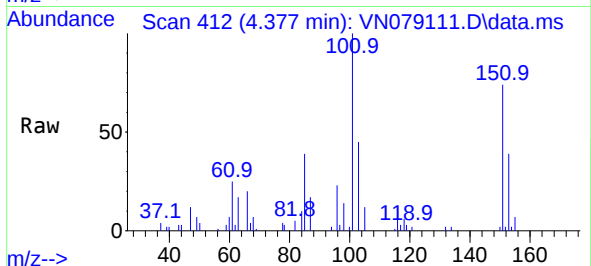
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1,1,2-Trichlorotrifluoroethane
Concen: 19.991 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion:101 Resp: 39028
Ion Ratio Lower Upper
101 100
85 45.7 0.0 65.4
151 73.4 0.0 156.8

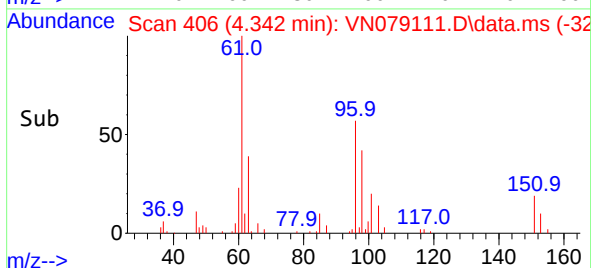
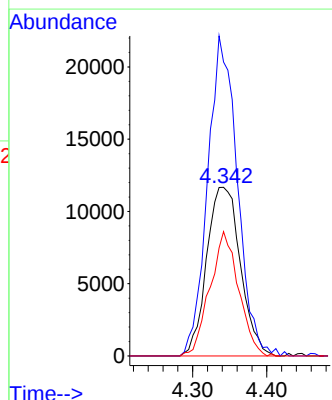
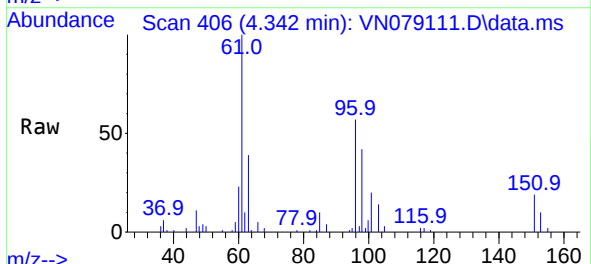
Manual Integrations
APPROVED

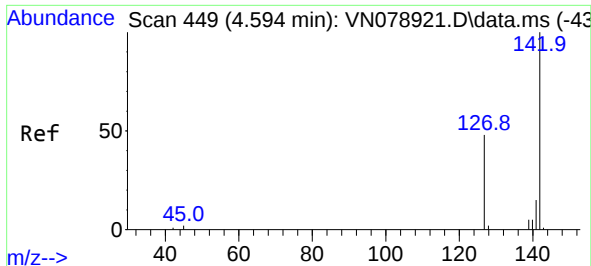
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#10
1,1-Dichloroethene
Concen: 18.780 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion: 96 Resp: 36884
Ion Ratio Lower Upper
96 100
61 174.4 126.2 189.4
98 73.8 41.7 62.5#





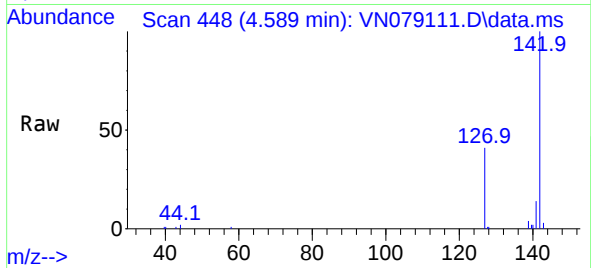
#11
Methyl Iodide
Concen: 19.700 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01



Tgt Ion:142 Resp: 4669

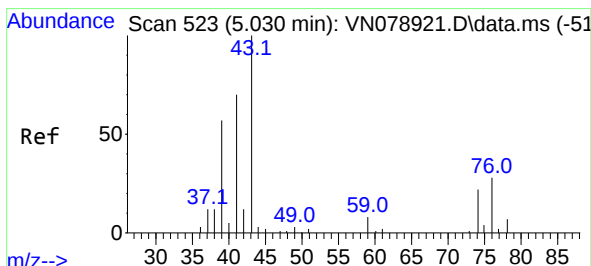
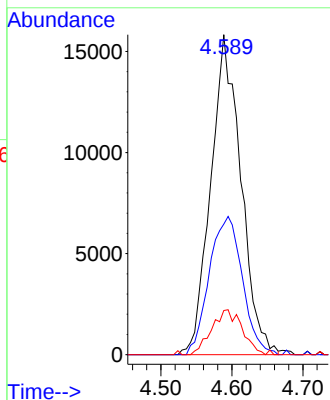
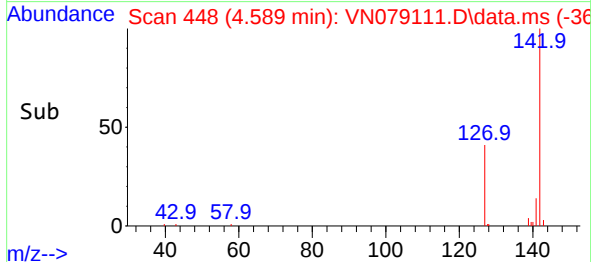
Ion	Ratio	Lower	Upper
142	100		
127	42.3	24.3	72.9
141	13.3	7.3	22.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

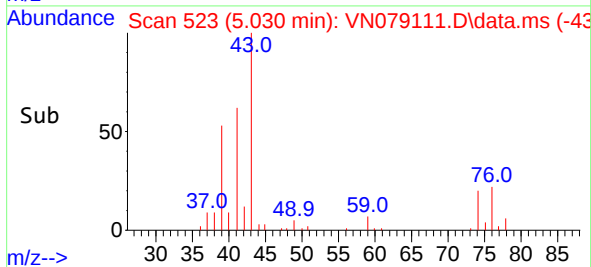
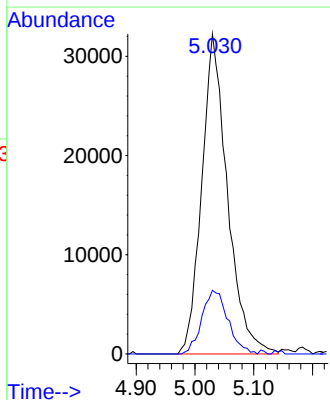
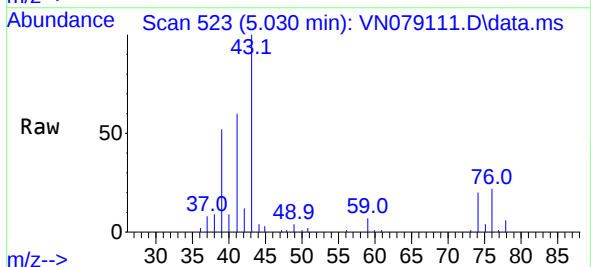
Supervised By :Mahesh Dadoda 09/01/2023

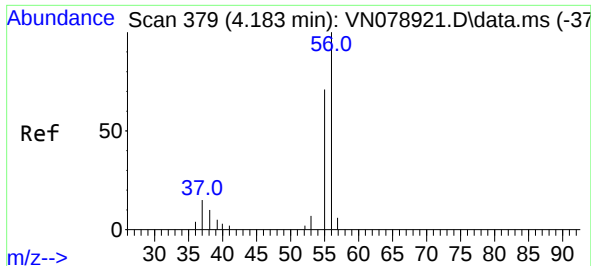


#12
Methyl Acetate
Concen: 21.262 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion: 43 Resp: 97885

Ion	Ratio	Lower	Upper
43	100		
74	19.7	17.5	26.3





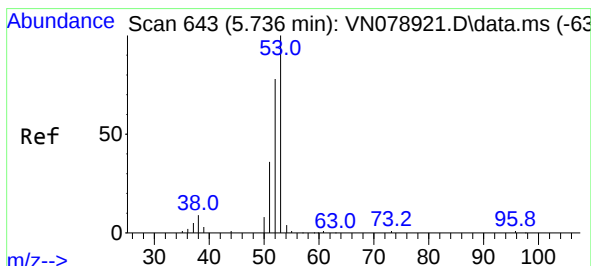
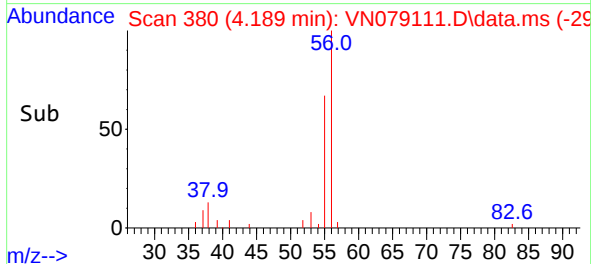
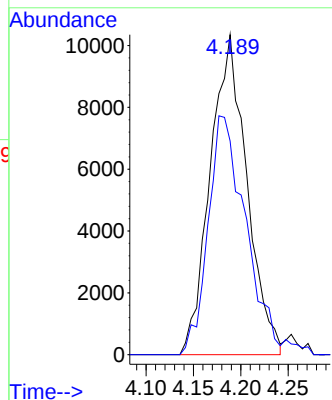
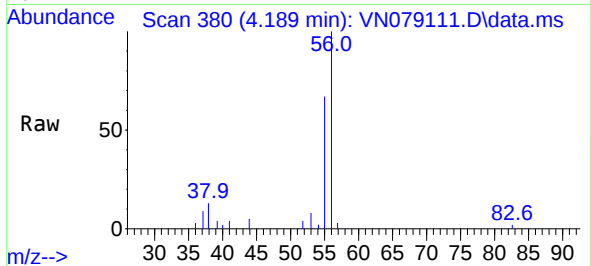
#13
Acrolein
Concen: 86.803 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion: 56 Resp: 2785
Ion Ratio Lower Upper
56 100
55 73.3 54.5 81.7

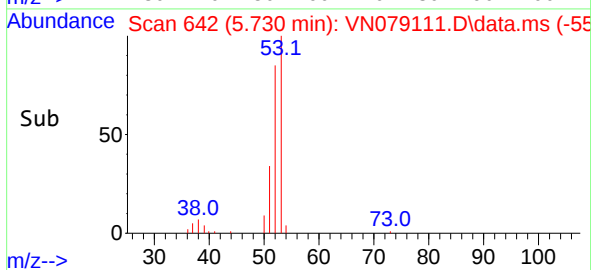
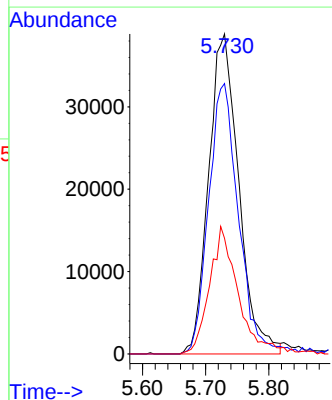
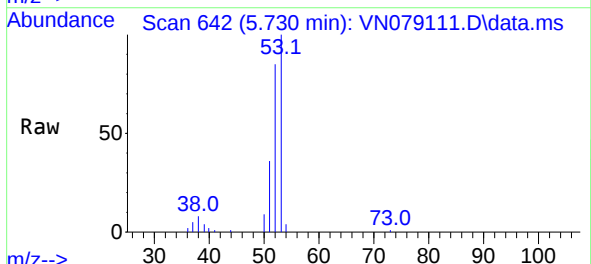
Manual Integrations
APPROVED

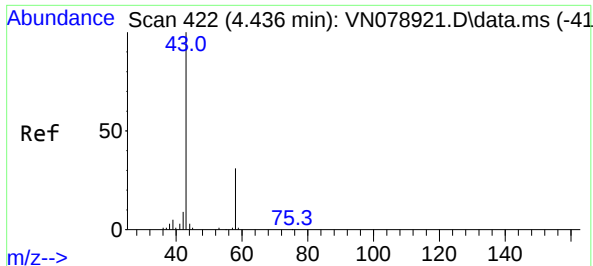
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#14
Acrylonitrile
Concen: 106.401 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion: 53 Resp: 128764
Ion Ratio Lower Upper
53 100
52 82.9 41.9 125.6
51 35.4 10.1 30.1#





#15

Acetone

Concen: 95.493 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01

Tgt Ion: 58 Resp: 35450

Ion Ratio Lower Upper

58 100

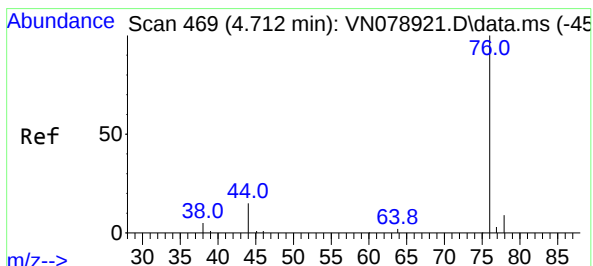
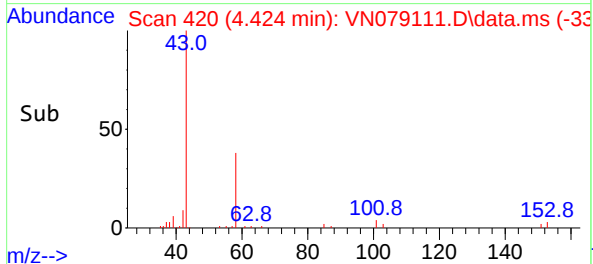
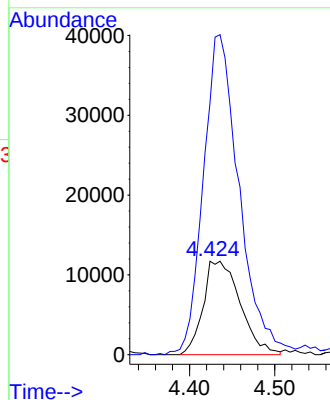
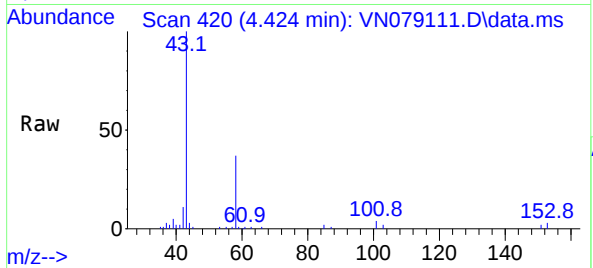
43 263.1 260.6 390.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#16

Carbon Disulfide

Concen: 17.167 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN079111.D

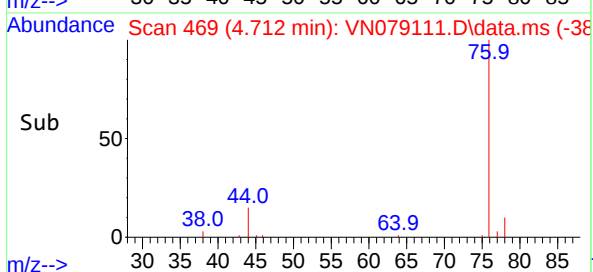
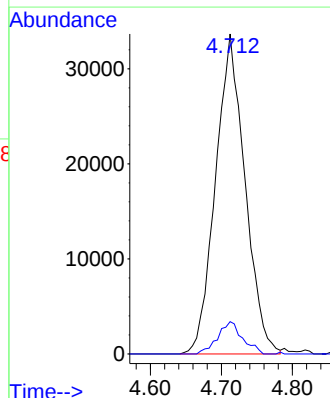
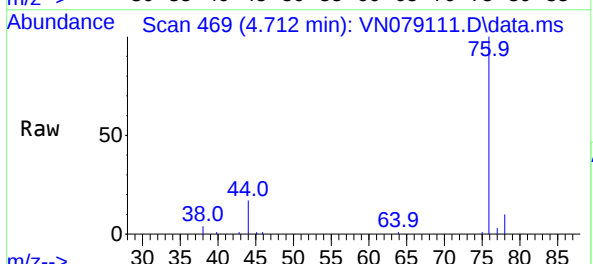
Acq: 30 Aug 2023 12:34

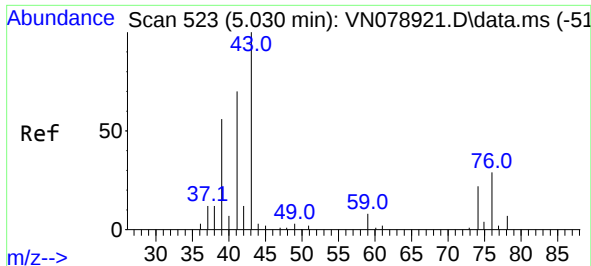
Tgt Ion: 76 Resp: 96881

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.6





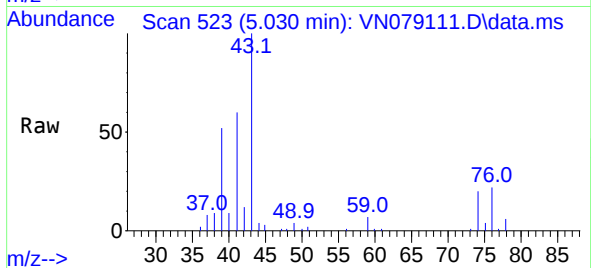
#17
 Allyl chloride
 Concen: 18.127 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079111.D
 Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01

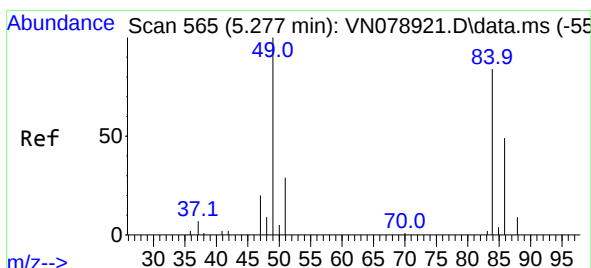
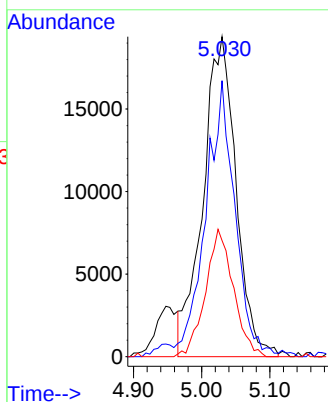
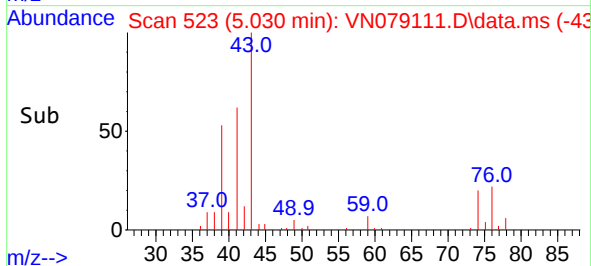


Tgt Ion: 41 Resp: 6525
 Ion Ratio Lower Upper
 41 100
 39 85.9 36.9 110.7
 76 36.6 17.3 51.9

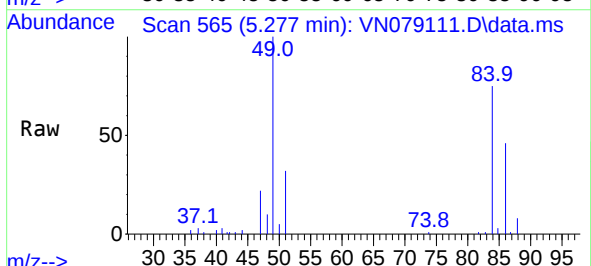
Manual Integrations

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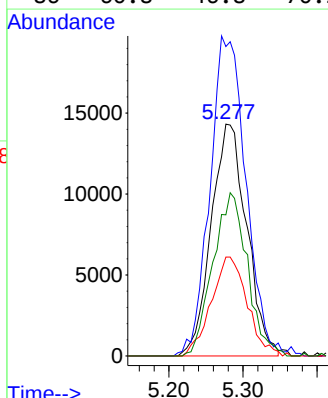
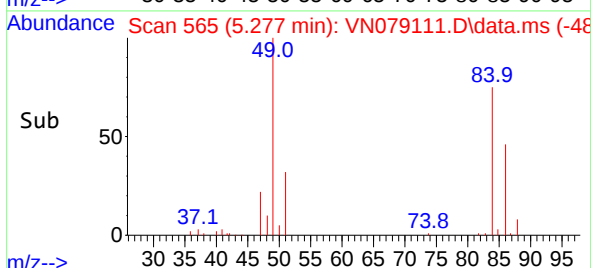
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023

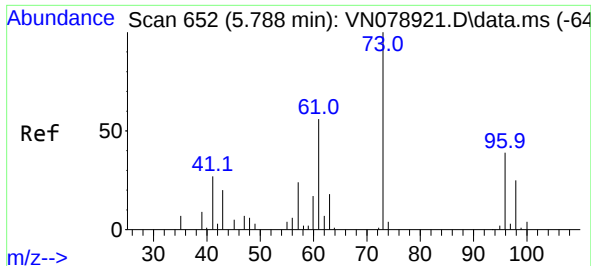


#18
 Methylene Chloride
 Concen: 20.283 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN079111.D
 Acq: 30 Aug 2023 12:34



Tgt Ion: 84 Resp: 47625
 Ion Ratio Lower Upper
 84 100
 49 132.1 95.8 143.6
 51 42.6 28.6 43.0
 86 60.8 46.8 70.2





#19

trans-1,2-Dichloroethene

Concen: 18.552 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01

Tgt Ion: 96 Resp: 41009

Ion Ratio Lower Upper

96 100

61 134.6 114.0 171.0

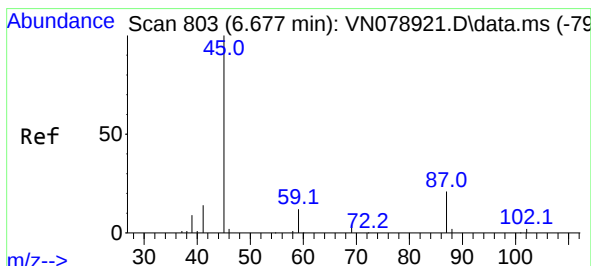
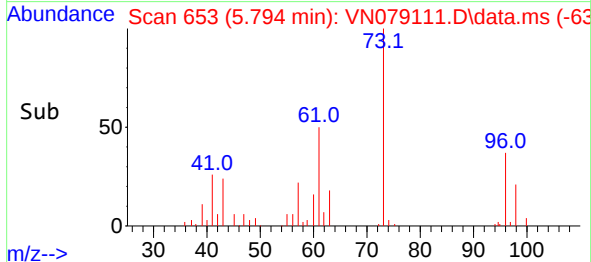
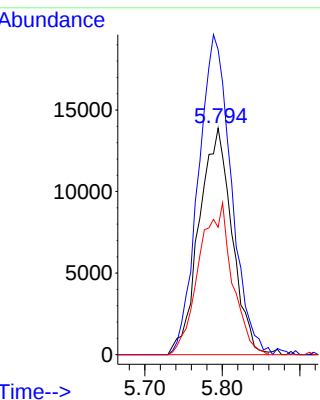
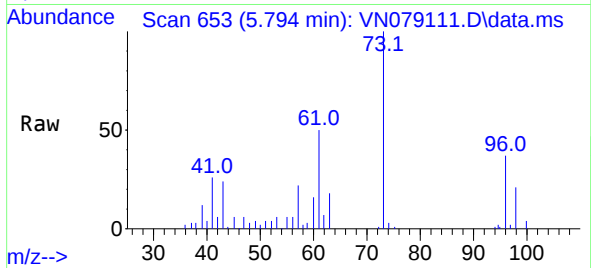
98 56.3 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#20

Diisopropyl ether

Concen: 19.711 ug/l

RT: 6.683 min Scan# 804

Delta R.T. 0.006 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Tgt Ion: 45 Resp: 154349

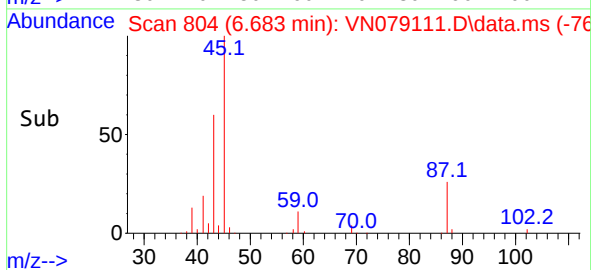
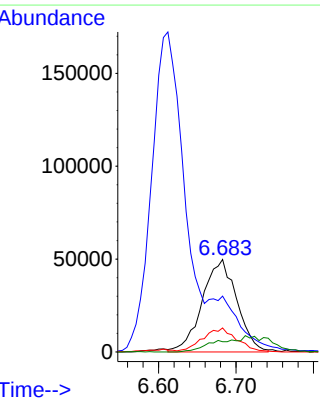
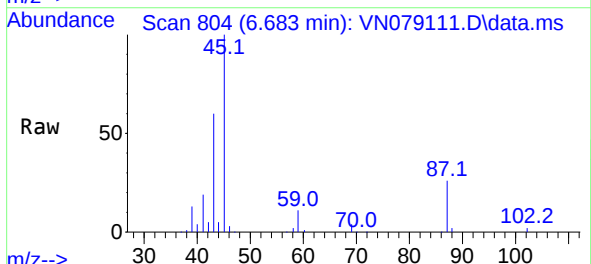
Ion Ratio Lower Upper

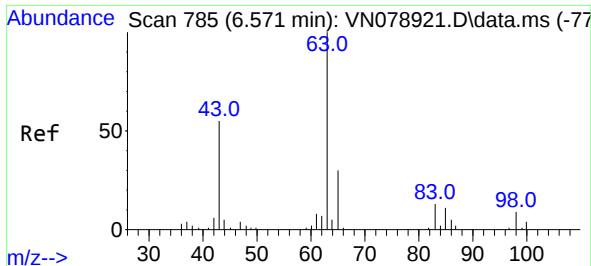
45 100

43 54.7 37.4 56.2

87 25.8 17.3 25.9

59 11.4 9.4 14.2





#21

1,1-Dichloroethane

Concen: 19.399 ug/l

RT: 6.577 min Scan# 785

Delta R.T. 0.006 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01

Tgt Ion: 63 Resp: 8429

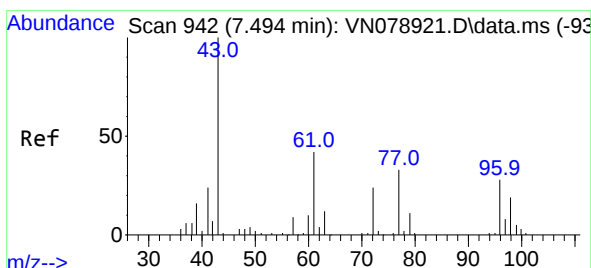
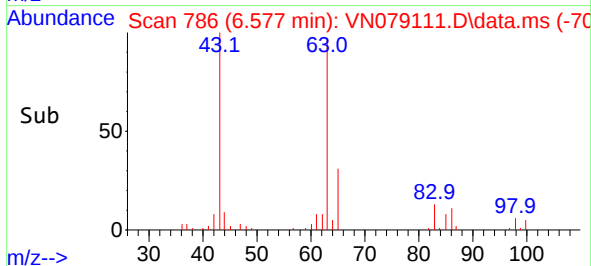
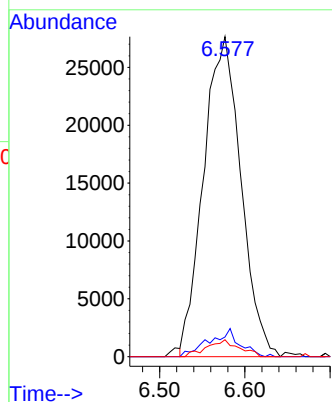
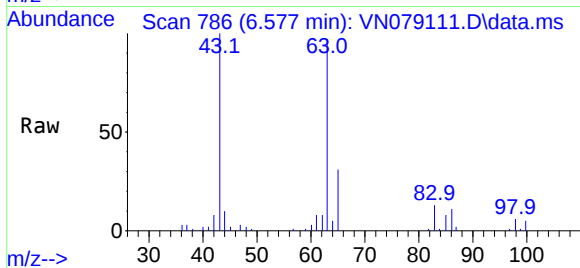
Ion	Ratio	Lower	Upper
63	100		
98	6.2	4.4	13.2
100	5.3	2.1	6.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#22

cis-1,2-Dichloroethene

Concen: 19.391 ug/l

RT: 7.488 min Scan# 941

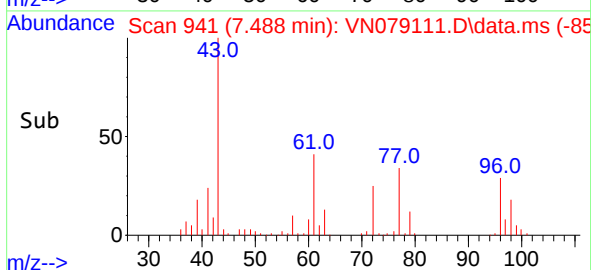
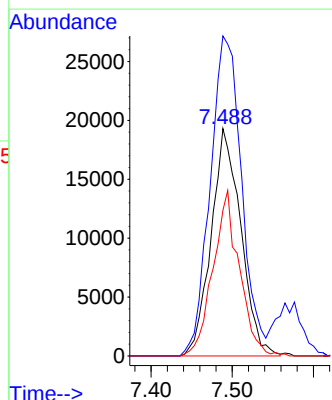
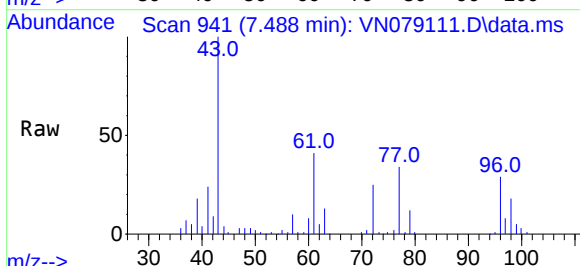
Delta R.T. -0.006 min

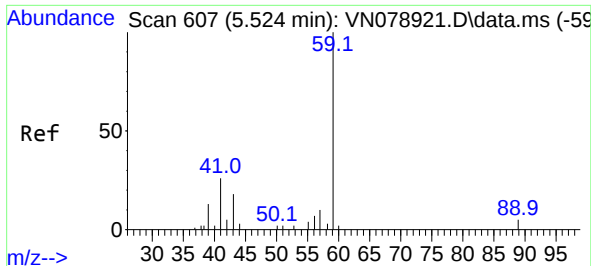
Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Tgt Ion: 96 Resp: 49058

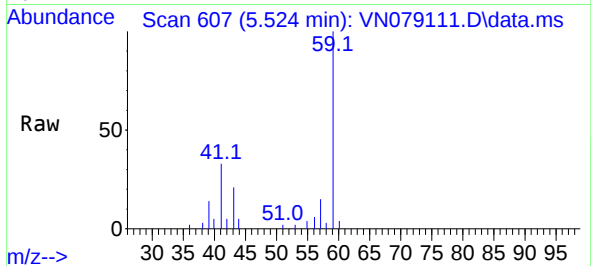
Ion	Ratio	Lower	Upper
96	100		
61	148.8	121.8	182.6
98	64.2	50.7	76.1





#23
tert-Butyl Alcohol
Concen: 93.010 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

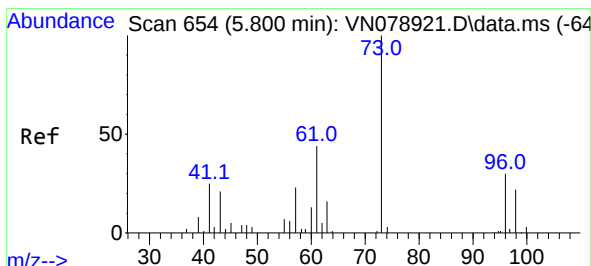
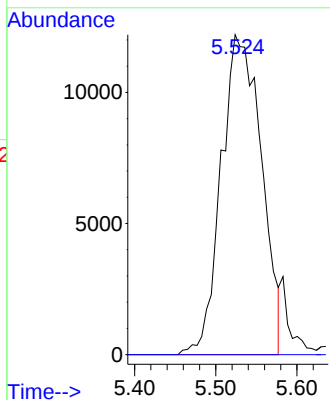
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion: 59 Resp: 41980
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

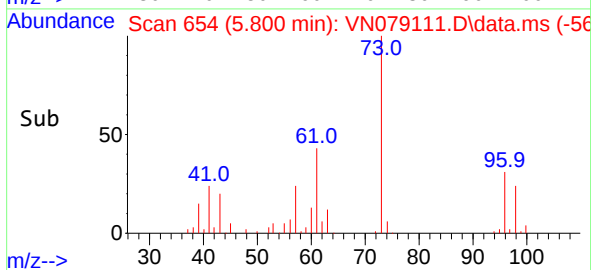
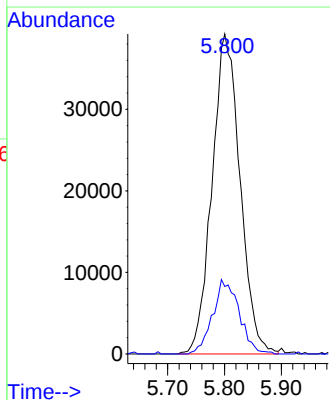
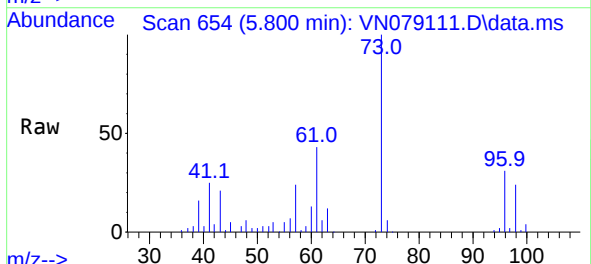
Manual Integrations
APPROVED

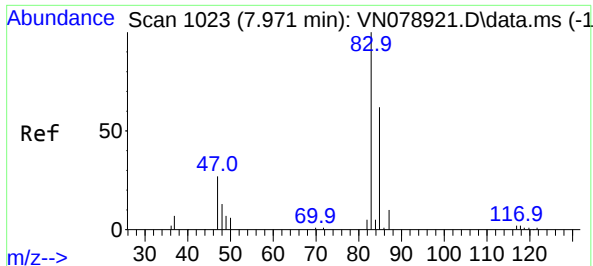
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#24
Methyl tert-Butyl Ether
Concen: 19.260 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion: 73 Resp: 134282
Ion Ratio Lower Upper
73 100
43 22.0 17.3 25.9





#25

Chloroform

Concen: 20.054 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01

Tgt Ion: 83 Resp: 87784

Ion Ratio Lower Upper

83 100

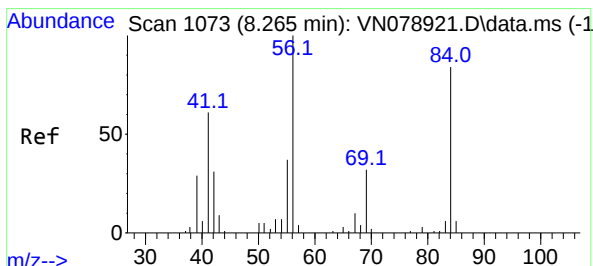
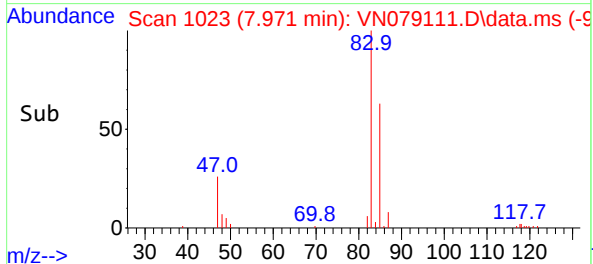
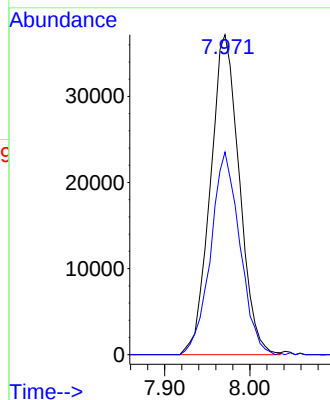
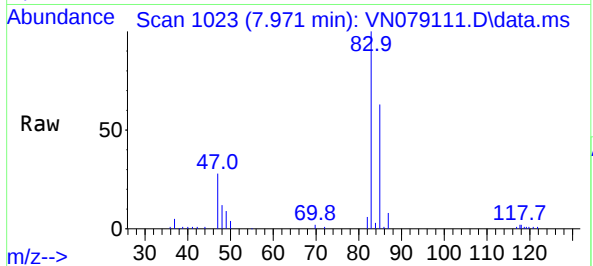
85 63.3 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#26

Cyclohexane

Concen: 18.458 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

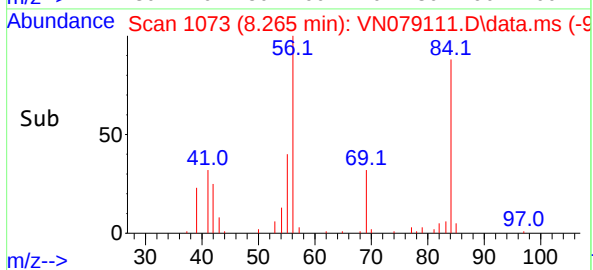
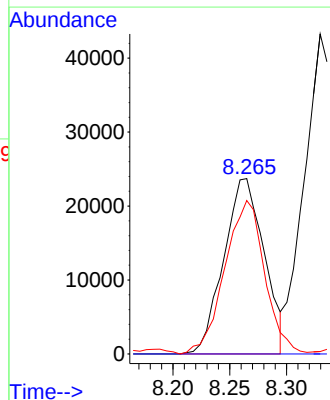
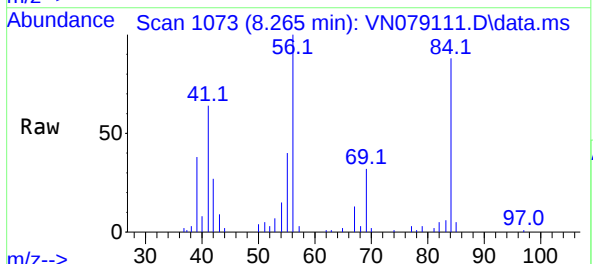
Tgt Ion: 56 Resp: 58670

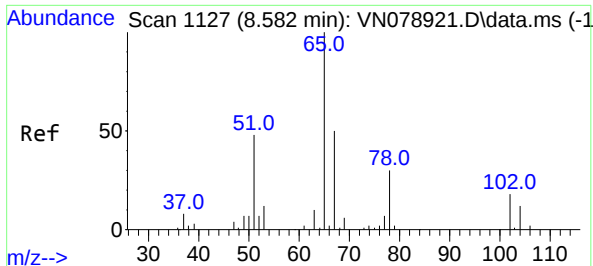
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

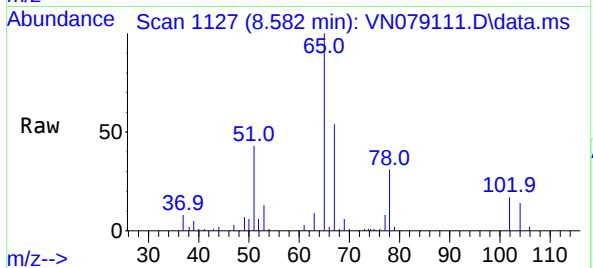
84 86.2 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 30.420 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

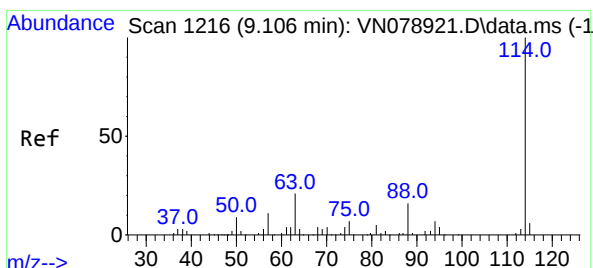
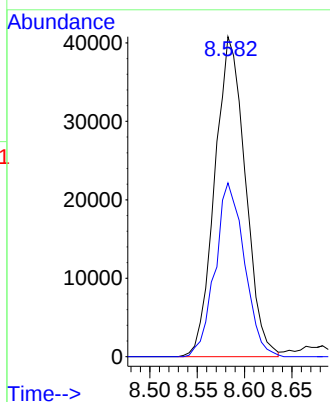
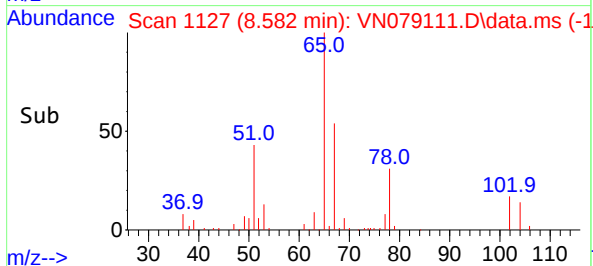
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



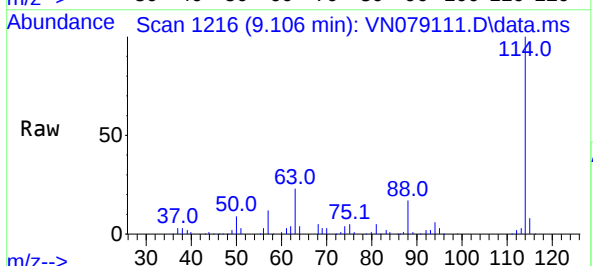
Tgt Ion: 65 Resp: 91382
Ion Ratio Lower Upper
65 100
67 52.2 40.7 61.1

Manual Integrations
APPROVED

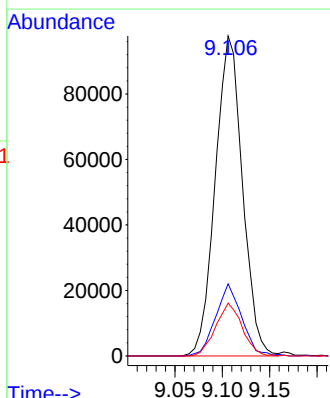
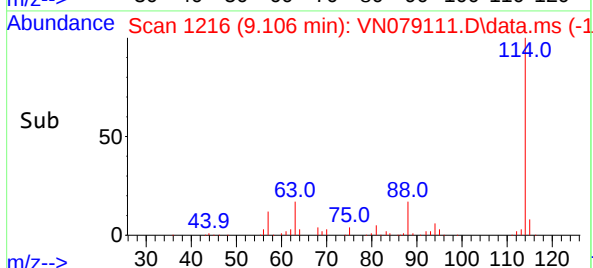
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

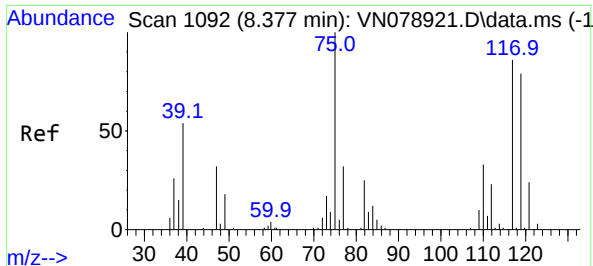


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



Tgt Ion:114 Resp: 195137
Ion Ratio Lower Upper
114 100
63 21.2 17.4 26.2
88 16.1 12.0 18.0





#29
1,1-Dichloropropene
Concen: 20.837 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01

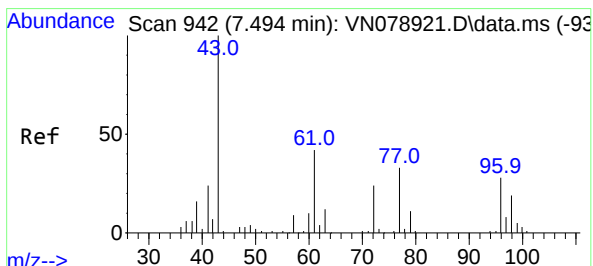
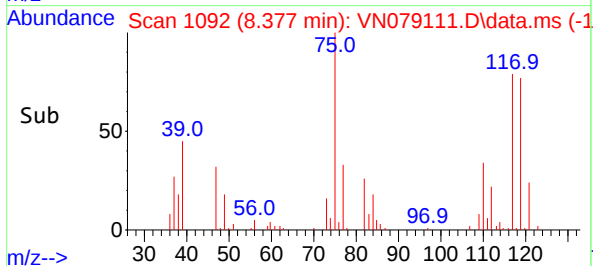
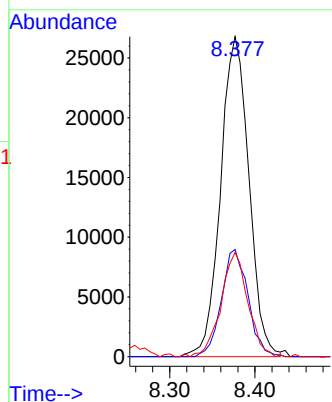
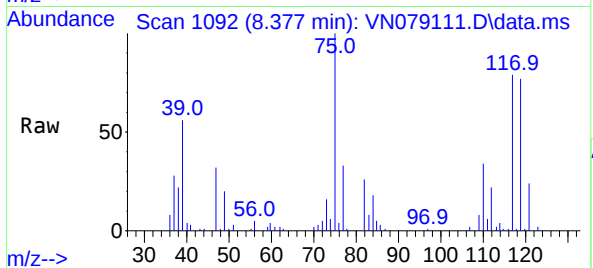
Tgt Ion: 75 Resp: 6185
Ion Ratio Lower Upper
75 100
110 31.5 0.0 65.8
77 30.8 0.0 60.4

Manual Integrations

APPROVED

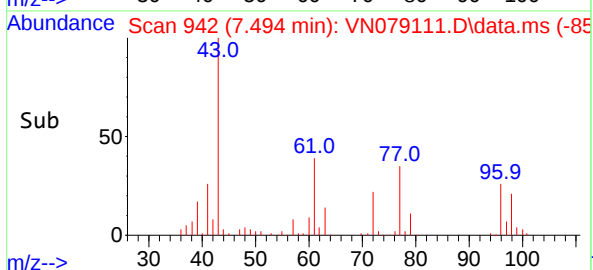
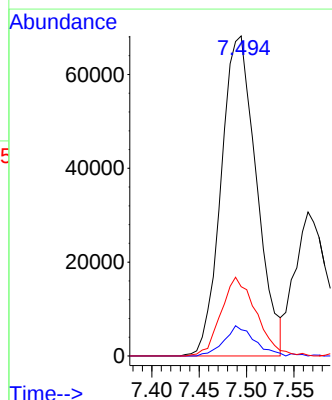
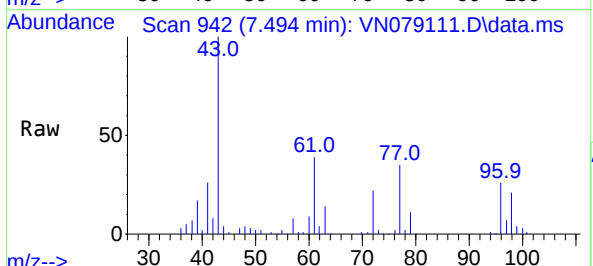
Reviewed By :John Carlone 08/31/2023

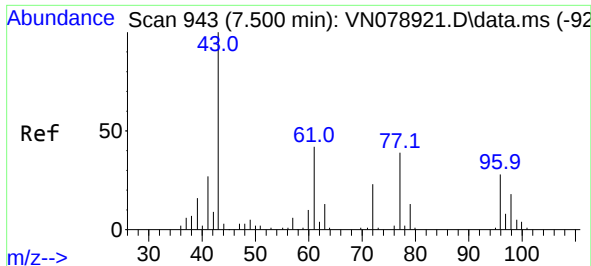
Supervised By :Mahesh Dadoda 09/01/2023



#30
2-Butanone
Concen: 101.943 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

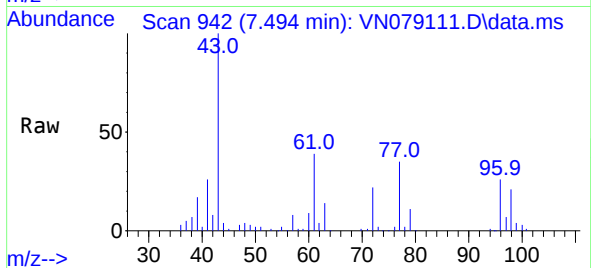
Tgt Ion: 43 Resp: 177153
Ion Ratio Lower Upper
43 100
57 8.1 6.2 9.4
72 24.4 19.4 29.2





#31
2,2-Dichloropropane
Concen: 20.357 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

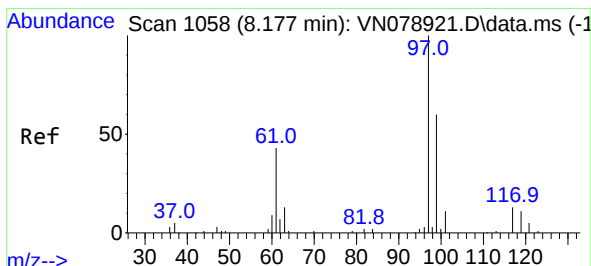
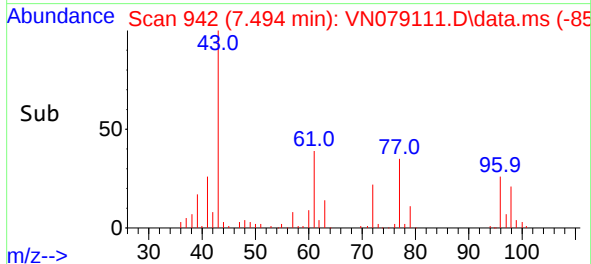
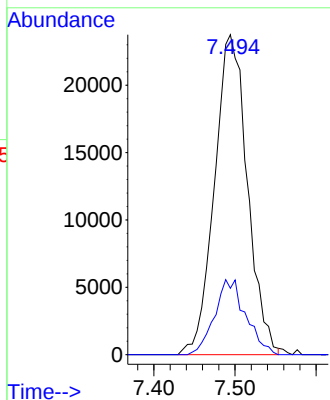
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion: 77 Resp: 6678
Ion Ratio Lower Upper
77 100
97 22.3 17.6 26.4

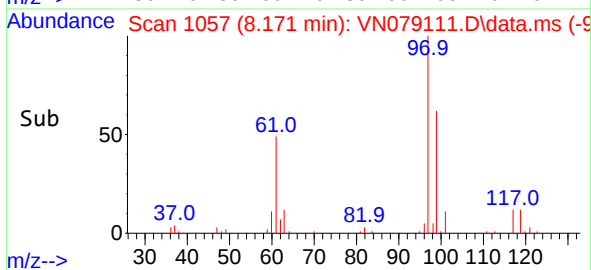
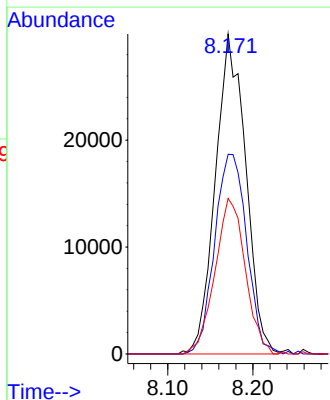
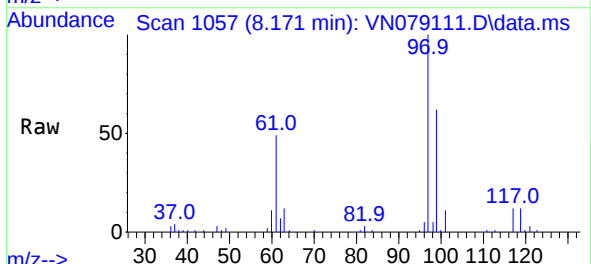
Manual Integrations
APPROVED

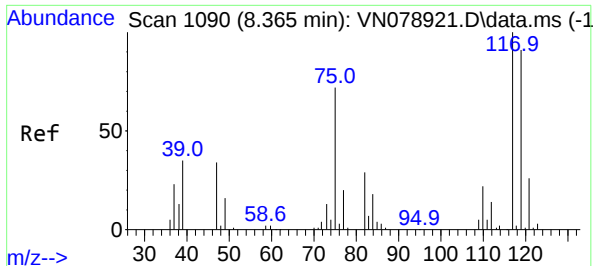
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#32
1,1,1-Trichloroethane
Concen: 20.847 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

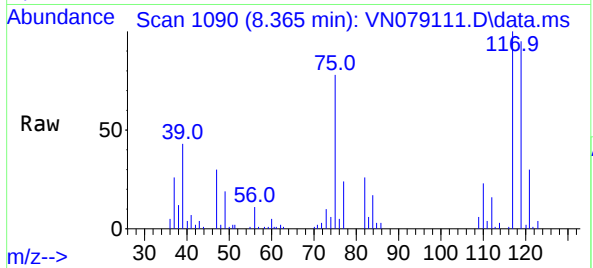
Tgt Ion: 97 Resp: 73883
Ion Ratio Lower Upper
97 100
99 66.0 52.0 78.0
61 48.6 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.740 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

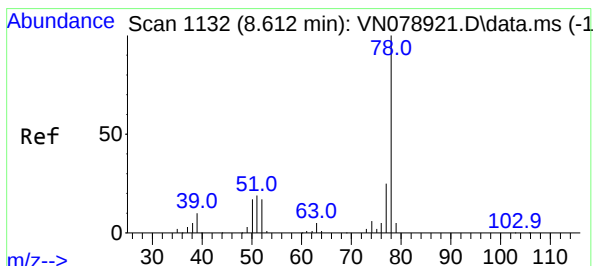
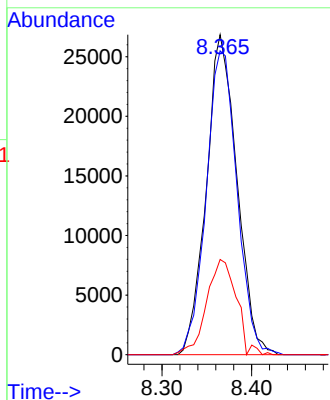
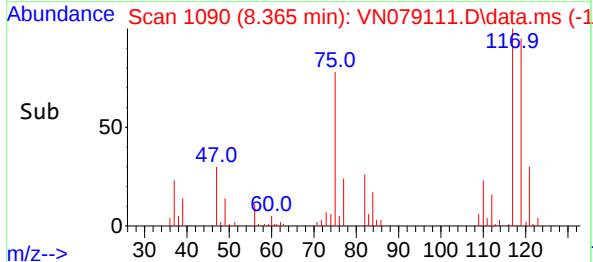
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



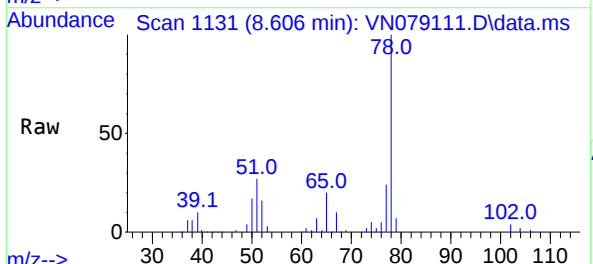
Tgt Ion: 117 Resp: 63669
Ion Ratio Lower Upper
117 100
119 94.3 72.6 108.8
121 30.5 20.7 31.1

Manual Integrations
APPROVED

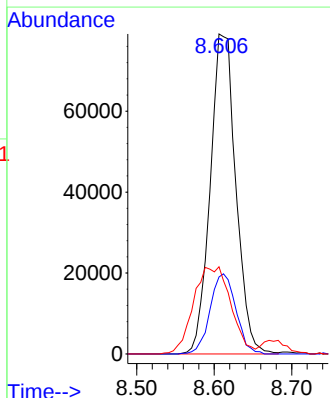
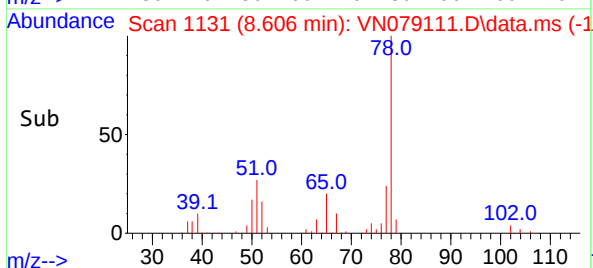
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

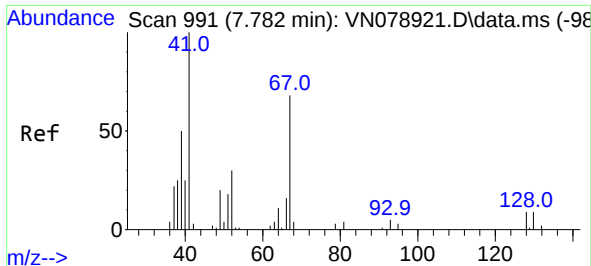


#34
Benzene
Concen: 20.475 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



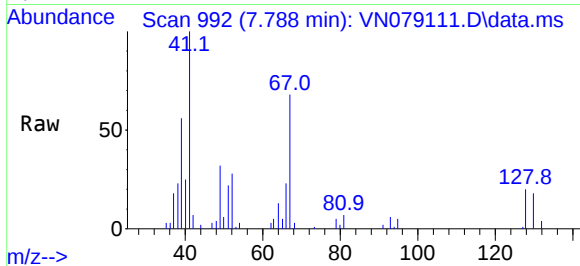
Tgt Ion: 78 Resp: 182138
Ion Ratio Lower Upper
78 100
77 24.0 19.9 29.9
51 24.6 14.8 22.2#





#35
Methacrylonitrile
Concen: 22.948 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

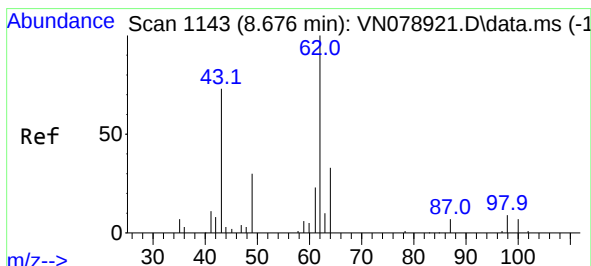
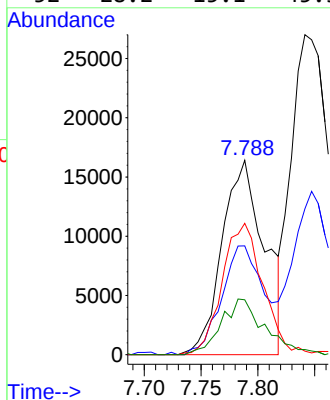
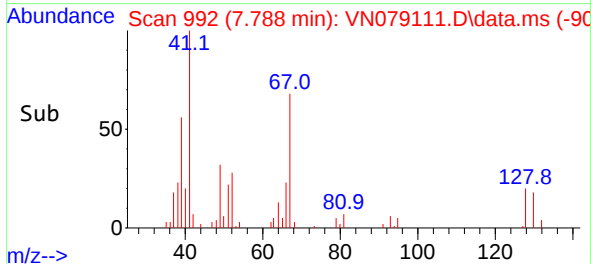
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion: 41 Resp: 4250
Ion Ratio Lower Upper
41 100
39 56.0 25.0 75.0
67 67.6 34.0 102.0
52 28.2 15.1 45.3

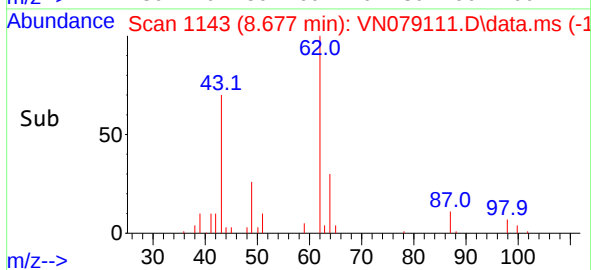
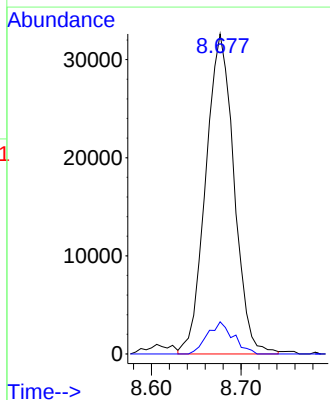
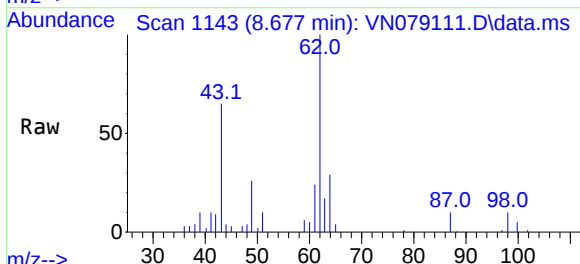
Manual Integrations
APPROVED

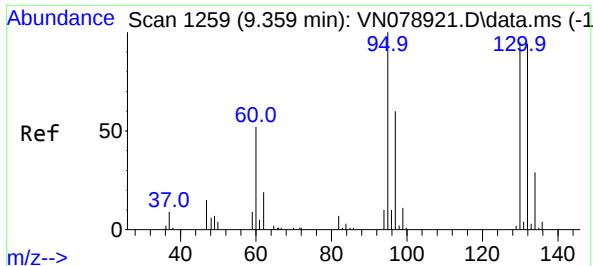
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#36
1,2-Dichloroethane
Concen: 21.453 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

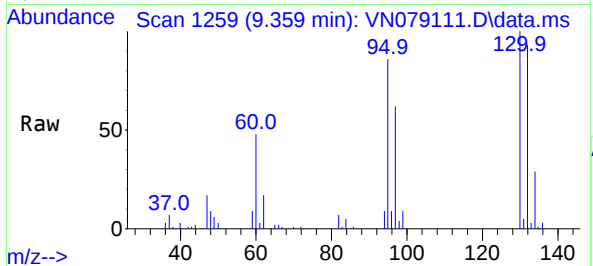
Tgt Ion: 62 Resp: 71466
Ion Ratio Lower Upper
62 100
98 9.2 8.1 12.1





#37
Trichloroethene
Concen: 19.650 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

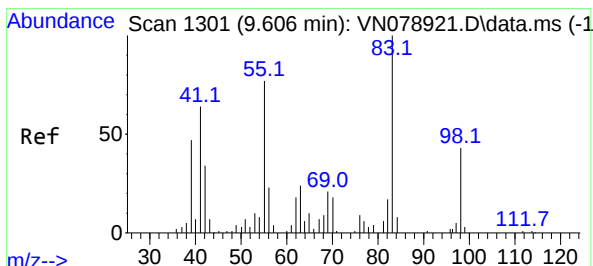
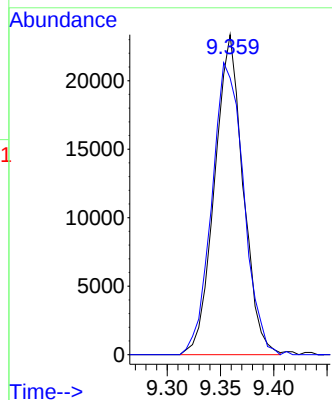
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion:130 Resp: 43512
Ion Ratio Lower Upper
130 100
95 86.5 84.6 127.0

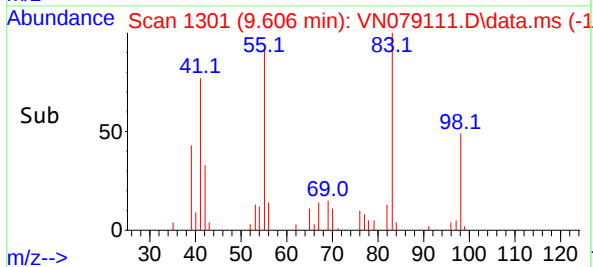
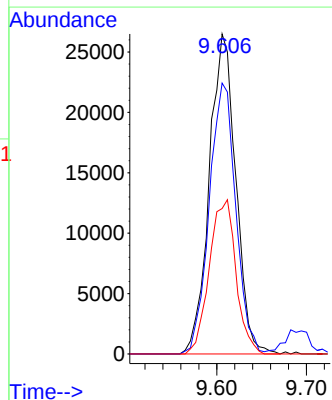
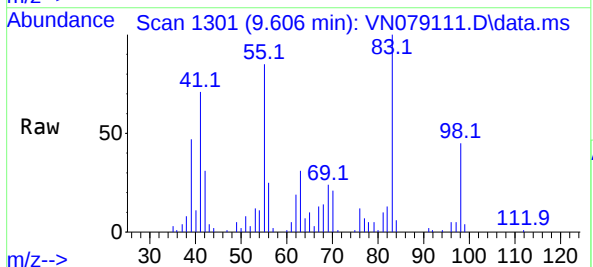
Manual Integrations
APPROVED

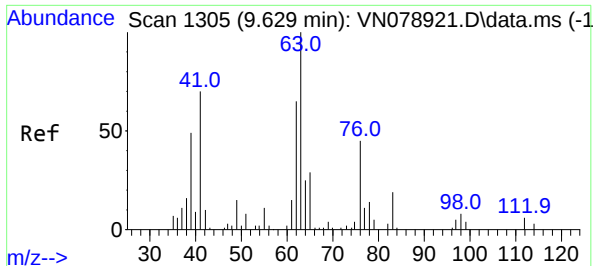
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#38
Methylcyclohexane
Concen: 20.772 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

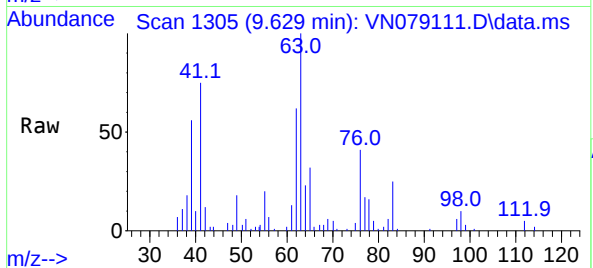
Tgt Ion: 83 Resp: 54287
Ion Ratio Lower Upper
83 100
55 84.8 40.2 120.6
98 48.5 24.1 72.3





#39
1,2-Dichloropropane
Concen: 21.451 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

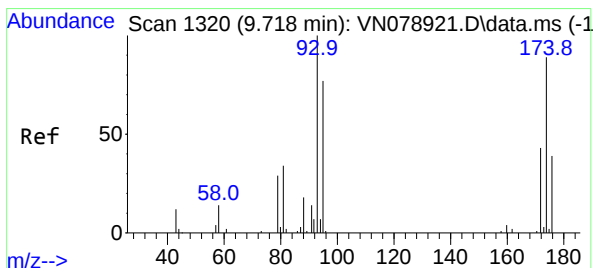
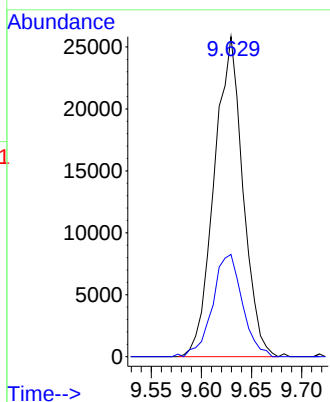
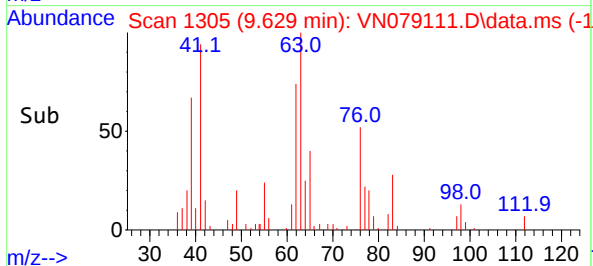
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion: 63 Resp: 51400
Ion Ratio Lower Upper
63 100
65 31.9 23.5 35.3

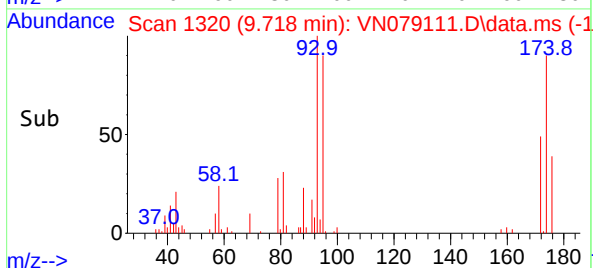
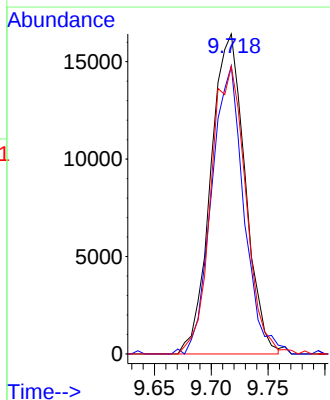
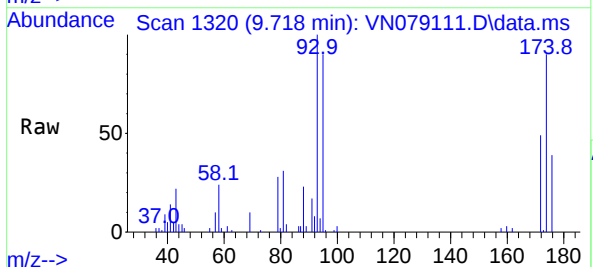
Manual Integrations
APPROVED

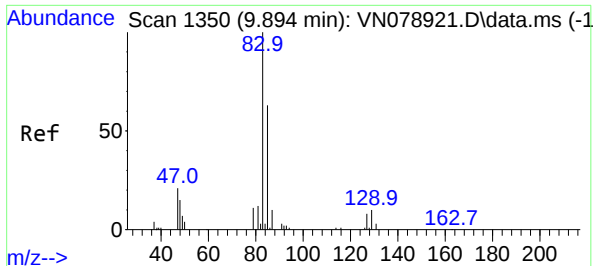
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#40
Dibromomethane
Concen: 21.470 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

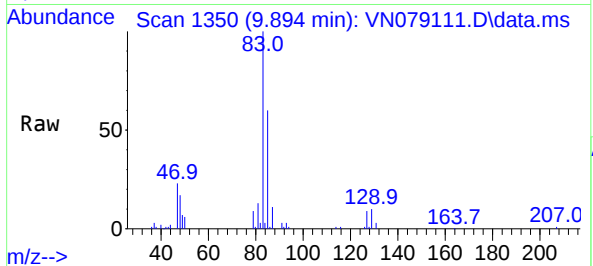
Tgt Ion: 93 Resp: 34485
Ion Ratio Lower Upper
93 100
95 84.4 0.0 162.0
174 90.2 0.0 188.6





#41
Bromodichloromethane
Concen: 21.360 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

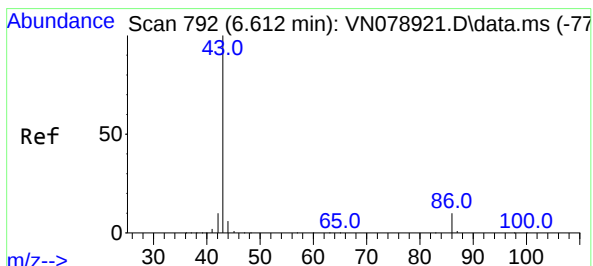
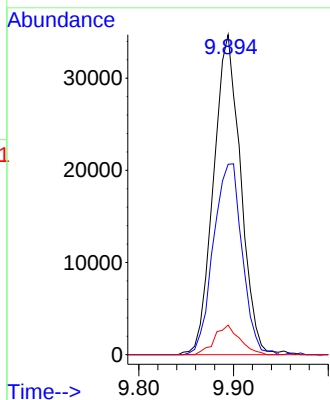
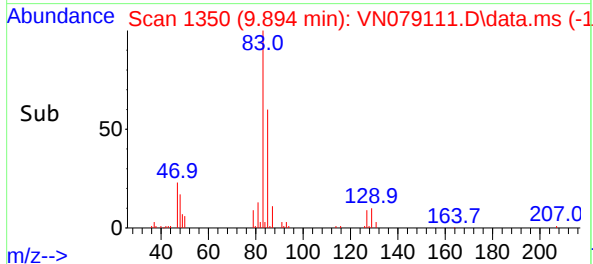
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion: 83 Resp: 68994
Ion Ratio Lower Upper
83 100
85 59.5 50.2 75.2
127 9.2 6.2 9.4

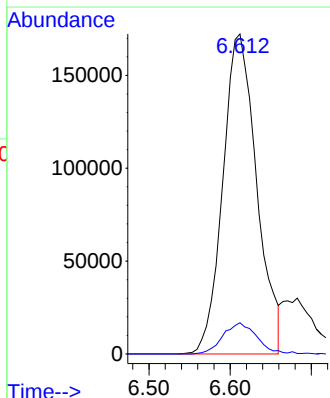
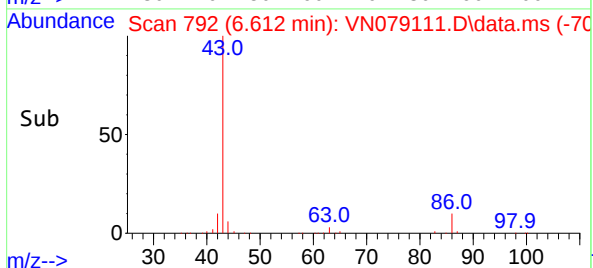
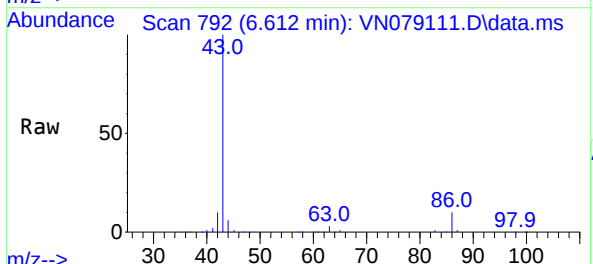
Manual Integrations
APPROVED

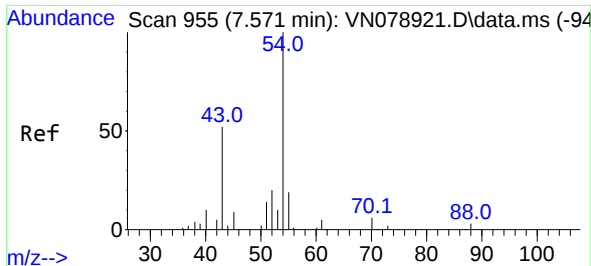
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#42
Vinyl Acetate
Concen: 102.101 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion: 43 Resp: 500247
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.0





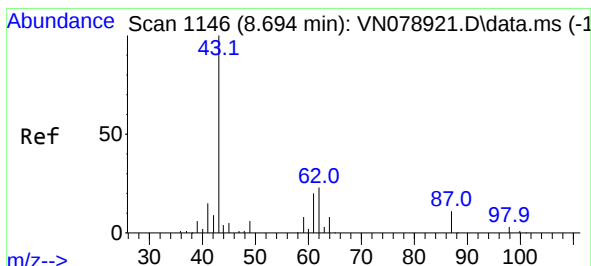
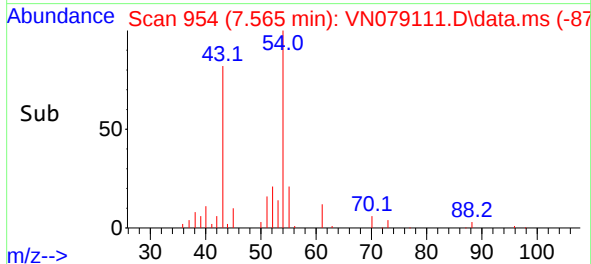
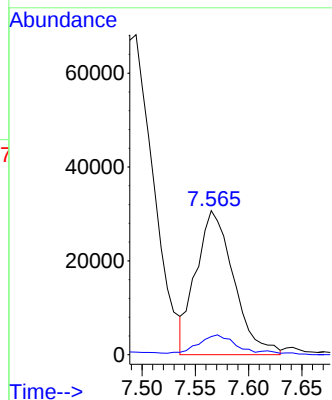
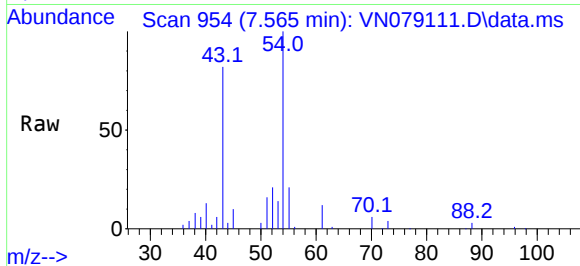
#43
Ethyl Acetate
Concen: 22.368 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion: 43 Resp: 75410
Ion Ratio Lower Upper
43 100
45 13.5 9.6 14.4

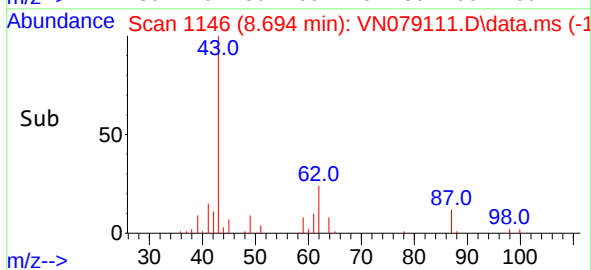
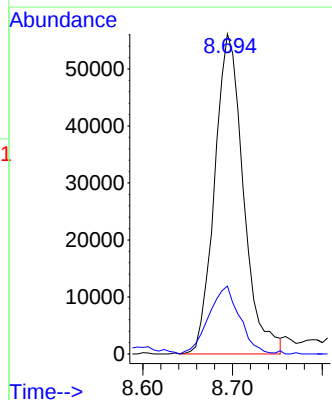
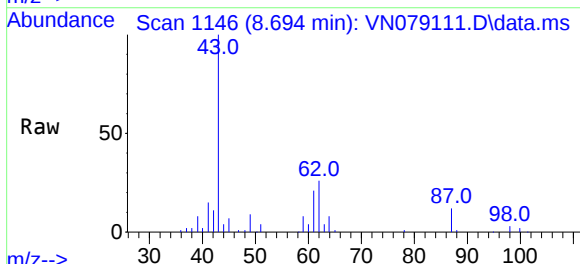
Manual Integrations
APPROVED

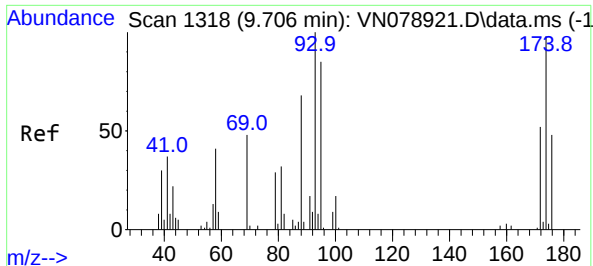
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#44
Isopropyl Acetate
Concen: 21.072 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion: 43 Resp: 125175
Ion Ratio Lower Upper
43 100
61 22.7 19.0 28.4





#45

1,4-Dioxane

Concen: 450.650 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01

Tgt Ion: 88 Resp: 2014

Ion Ratio Lower Upper

88 100

43 34.9 28.1 42.1

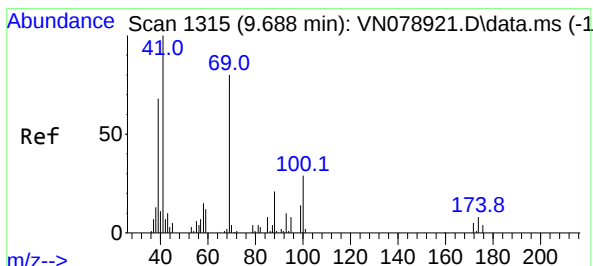
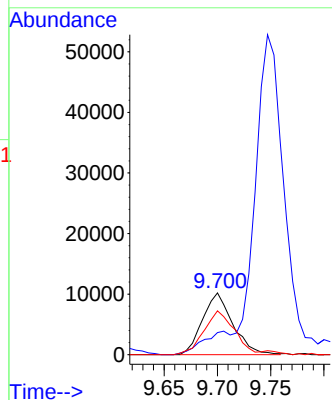
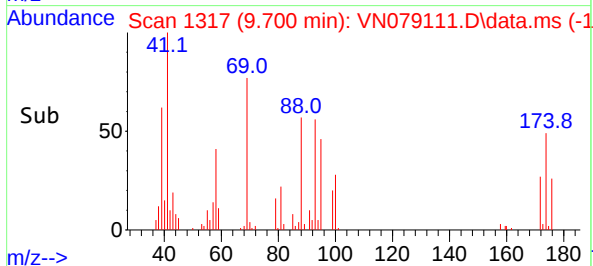
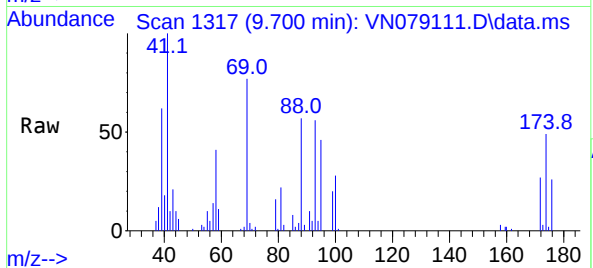
58 71.0 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#46

Methyl methacrylate

Concen: 22.130 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

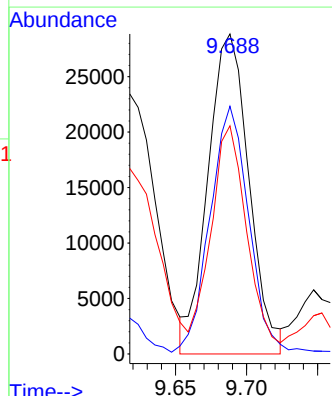
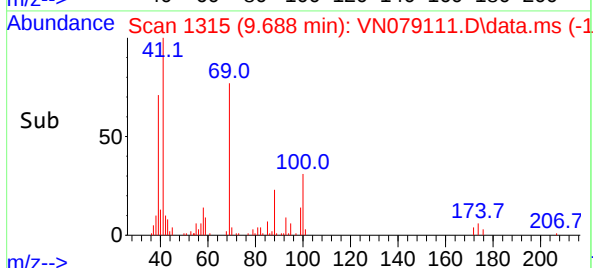
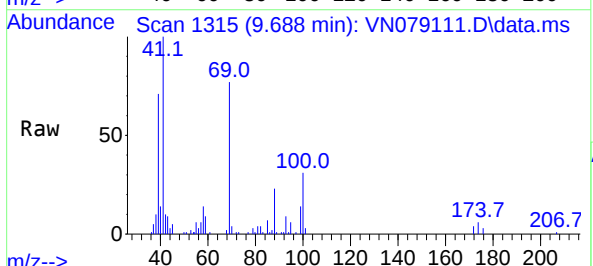
Tgt Ion: 41 Resp: 57920

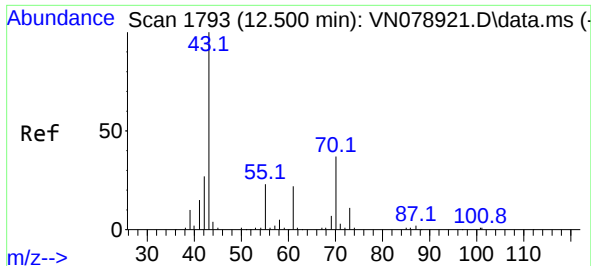
Ion Ratio Lower Upper

41 100

69 81.3 38.5 115.5

39 73.6 35.9 107.8





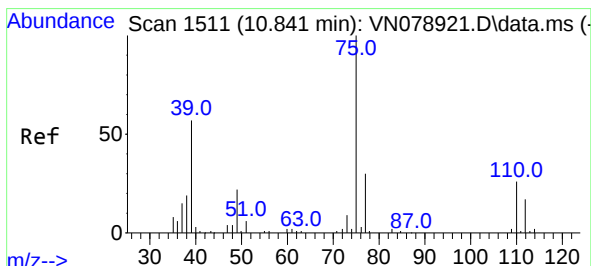
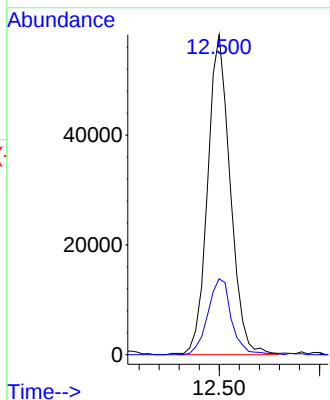
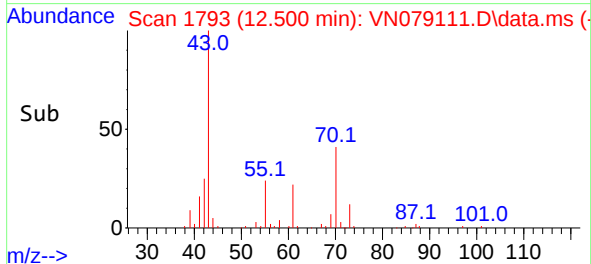
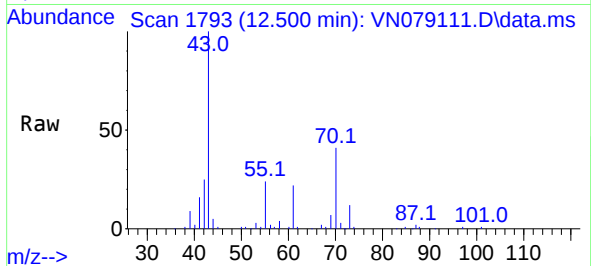
#47
n-amyl acetate
Concen: 19.963 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion: 43 Resp: 9100
Ion Ratio Lower Upper
43 100
55 24.4 17.5 26.3

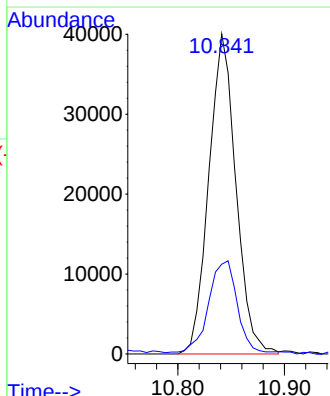
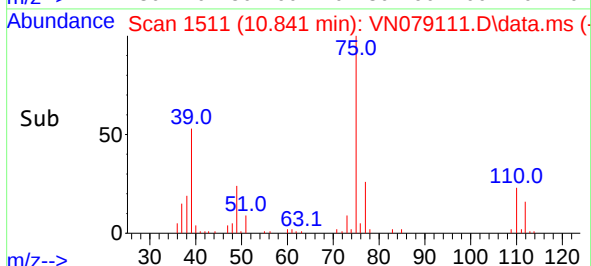
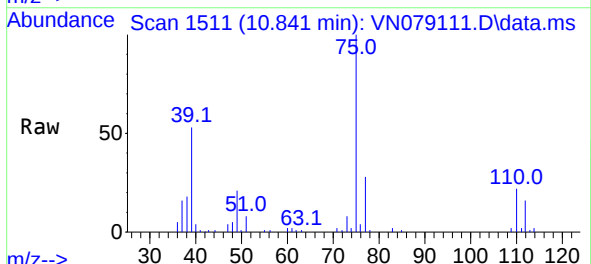
Manual Integrations
APPROVED

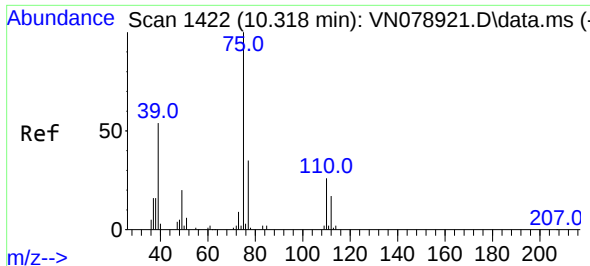
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#48
t-1,3-Dichloropropene
Concen: 20.575 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

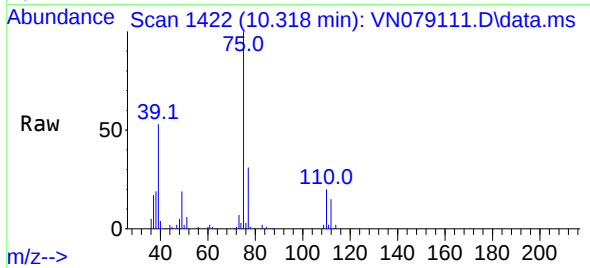
Tgt Ion: 75 Resp: 70780
Ion Ratio Lower Upper
75 100
77 27.4 23.7 35.5





#49
cis-1,3-Dichloropropene
Concen: 21.233 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

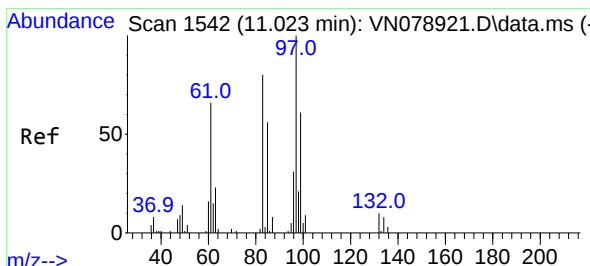
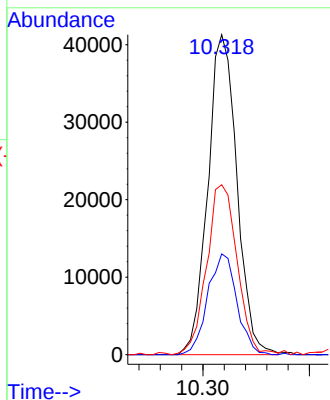
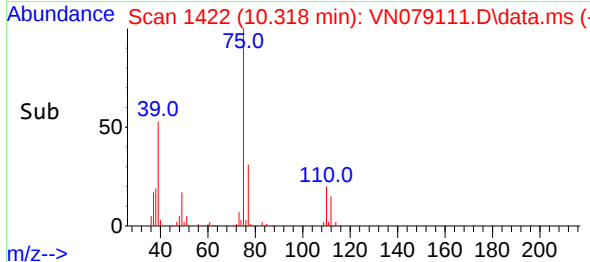
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



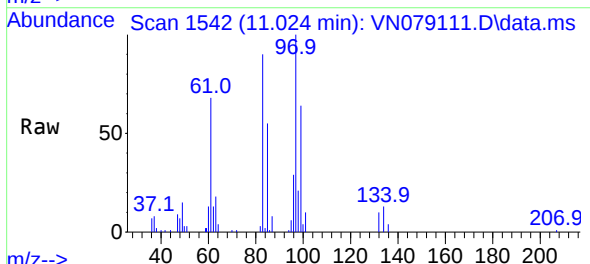
Tgt Ion: 75 Resp: 78325
Ion Ratio Lower Upper
75 100
77 31.5 27.8 41.8
39 52.7 43.5 65.3

Manual Integrations
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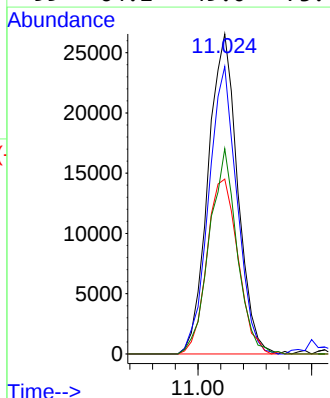
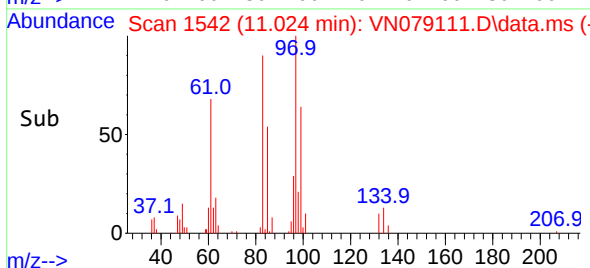
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

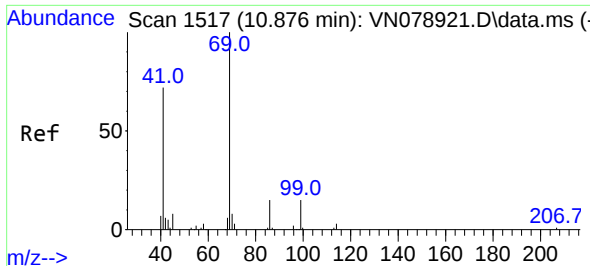


#50
1,1,2-Trichloroethane
Concen: 22.029 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



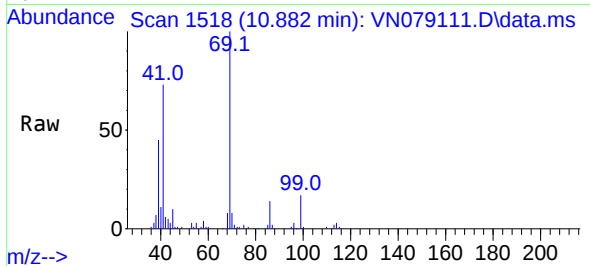
Tgt Ion: 97 Resp: 47815
Ion Ratio Lower Upper
97 100
83 89.8 63.7 95.5
85 54.7 44.9 67.3
99 64.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.266 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

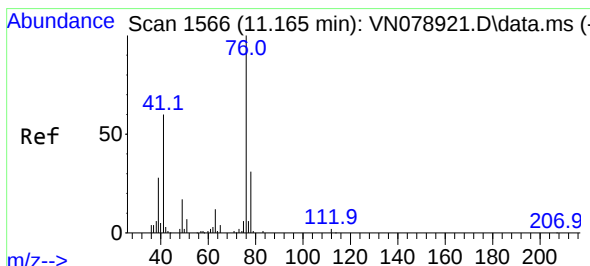
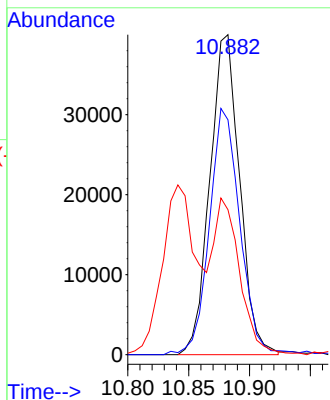
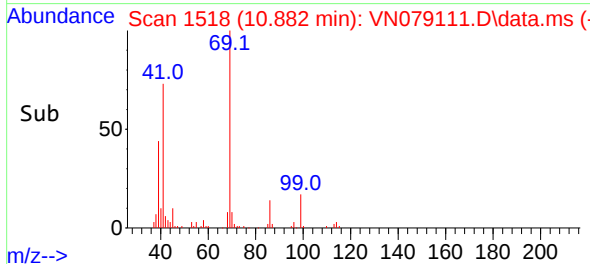
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



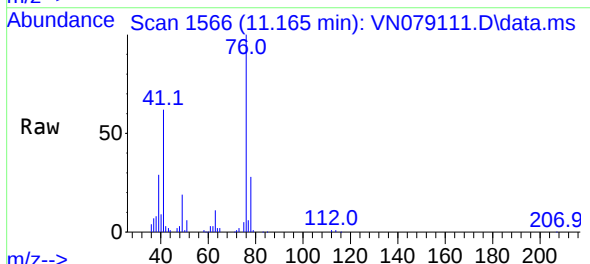
Tgt Ion: 69 Resp: 68084
Ion Ratio Lower Upper
69 100
41 72.7 35.9 107.8
39 44.3 23.5 70.5

Manual Integrations
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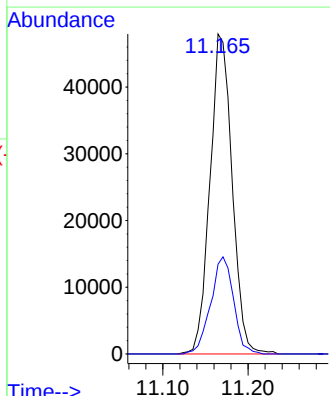
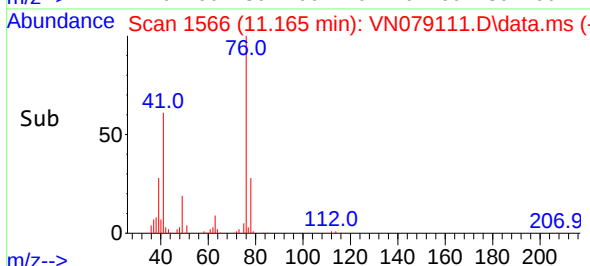
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

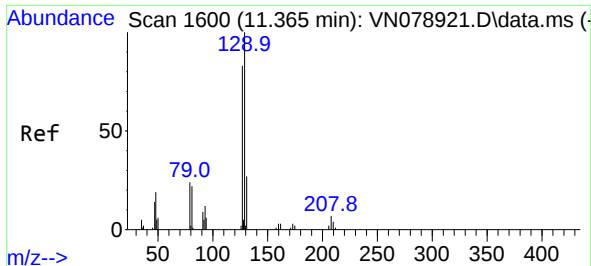


#52
1,3-Dichloropropane
Concen: 22.375 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



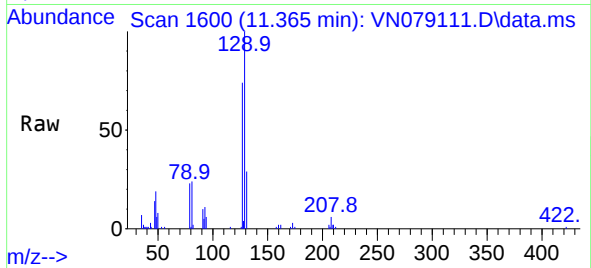
Tgt Ion: 76 Resp: 86985
Ion Ratio Lower Upper
76 100
78 31.2 0.0 64.6





#53
Dibromochloromethane
Concen: 21.325 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

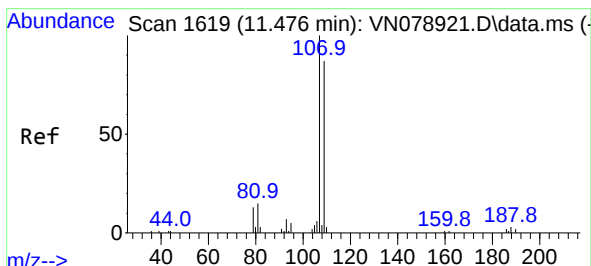
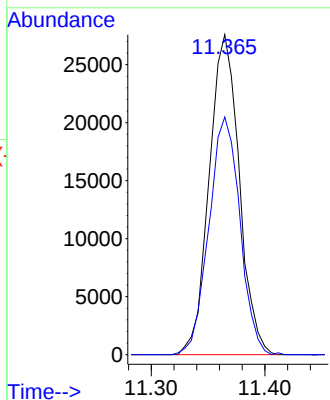
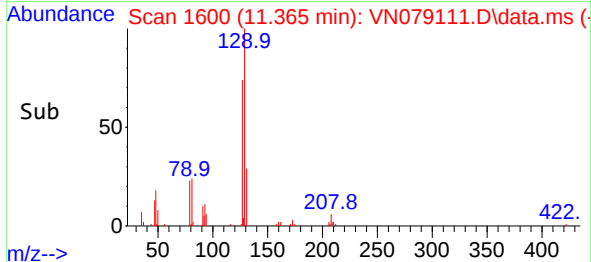
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



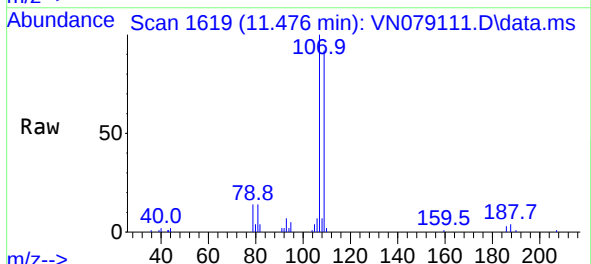
Tgt Ion:129 Resp: 50660
Ion Ratio Lower Upper
129 100
127 76.6 40.1 120.2

Manual Integrations
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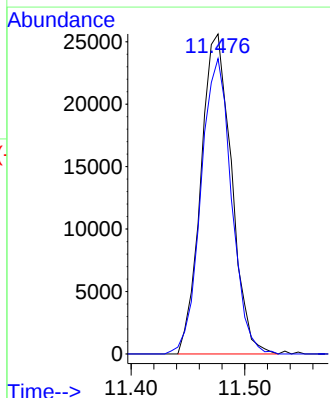
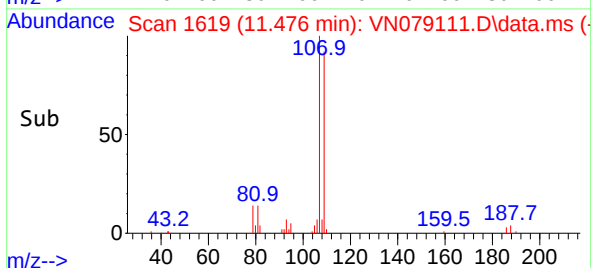
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

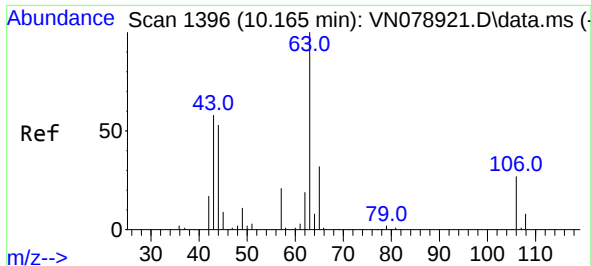


#54
1,2-Dibromoethane
Concen: 21.553 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



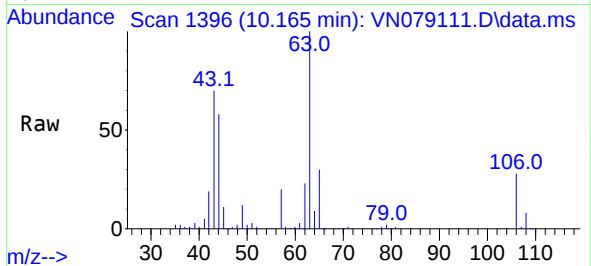
Tgt Ion:107 Resp: 48029
Ion Ratio Lower Upper
107 100
109 91.8 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 104.189 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

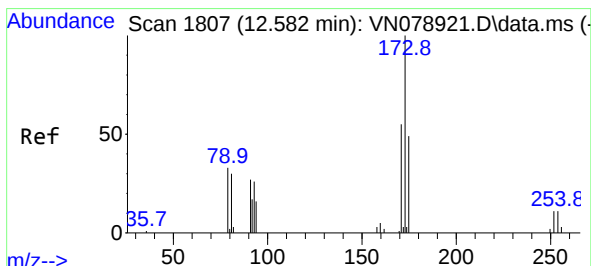
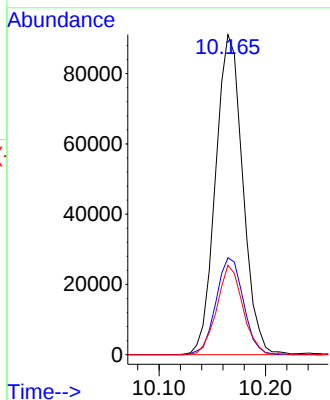
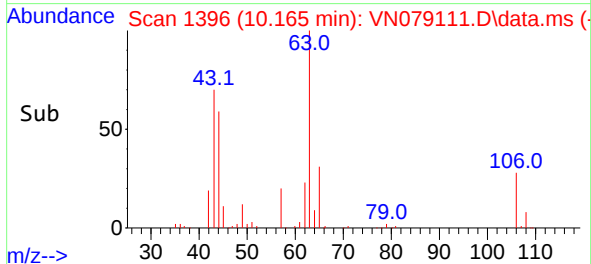
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion: 63 Resp: 161784
Ion Ratio Lower Upper
63 100
65 30.3 25.4 38.2
106 26.6 22.3 33.5

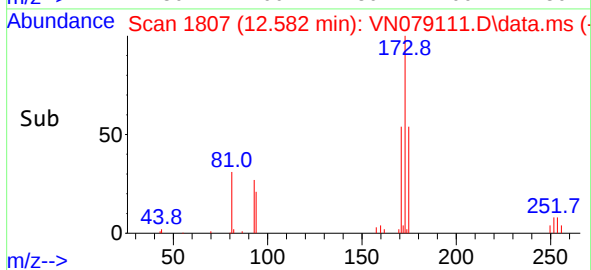
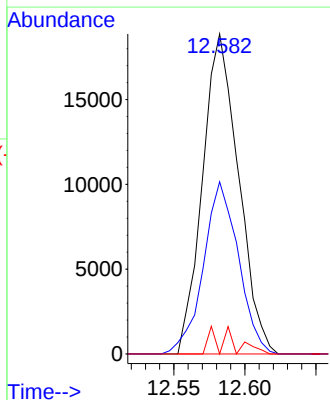
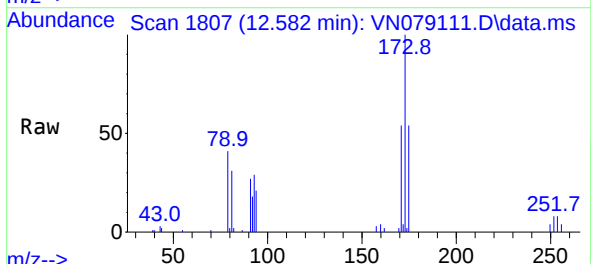
Manual Integrations
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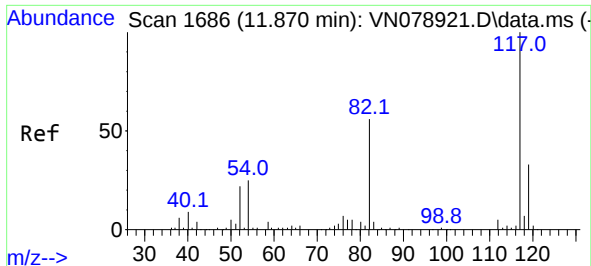
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#56
Bromoform
Concen: 19.849 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

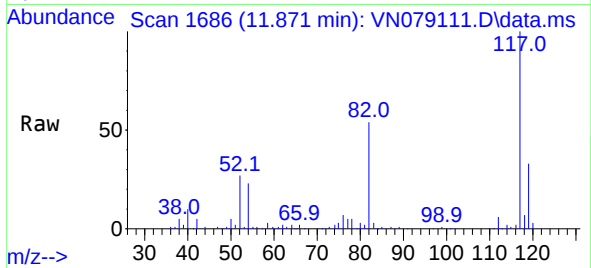
Tgt Ion:173 Resp: 33269
Ion Ratio Lower Upper
173 100
175 52.2 38.8 58.2
254 1.7 7.6 11.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

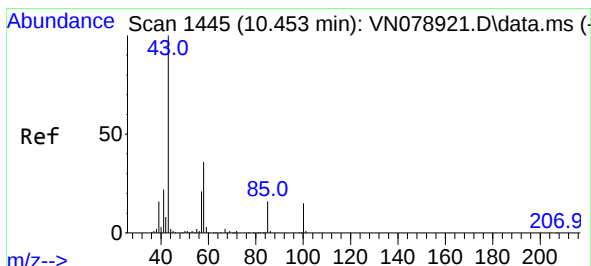
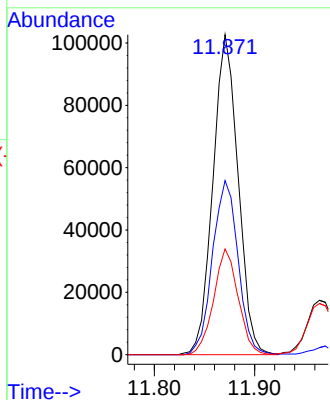
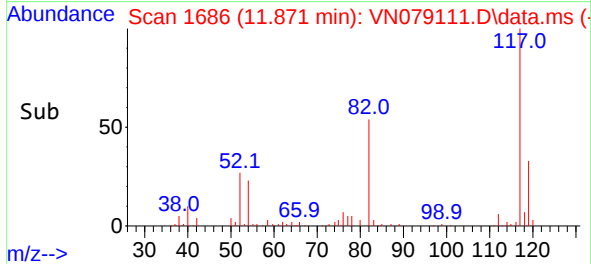
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



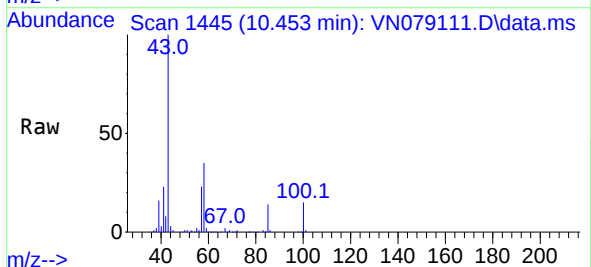
Tgt Ion: 117 Resp: 17888
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 32.2 25.5 38.3

Manual Integrations
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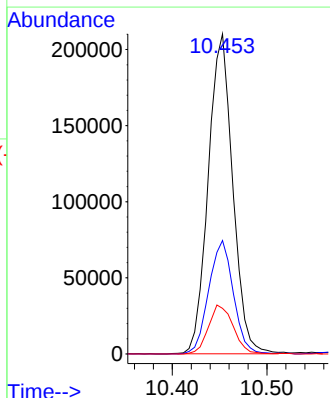
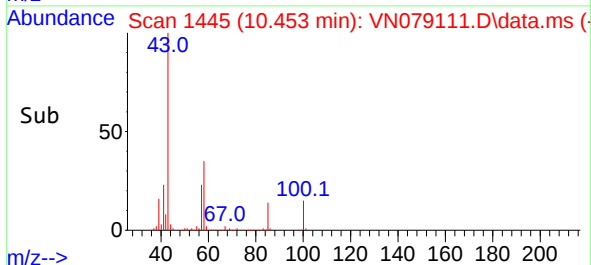
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

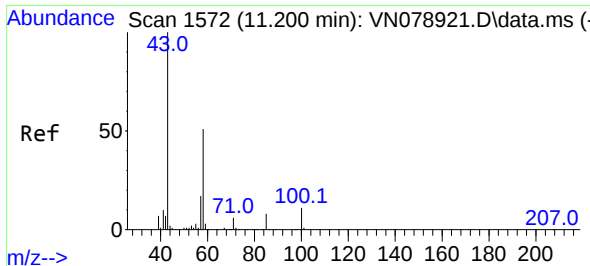


#58
4-Methyl-2-Pentanone
Concen: 106.428 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



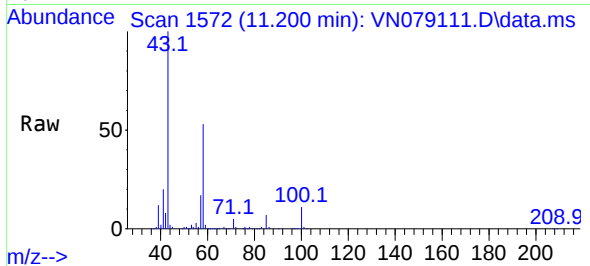
Tgt Ion: 43 Resp: 377723
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2
85 15.5 12.7 19.1





#59
2-Hexanone
Concen: 104.095 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

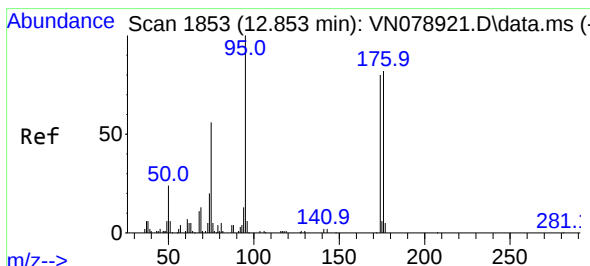
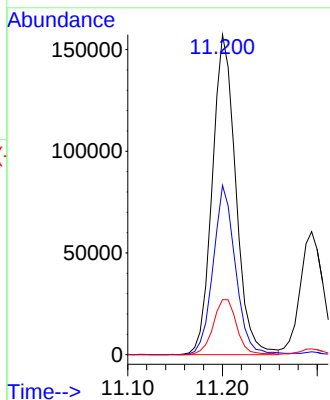
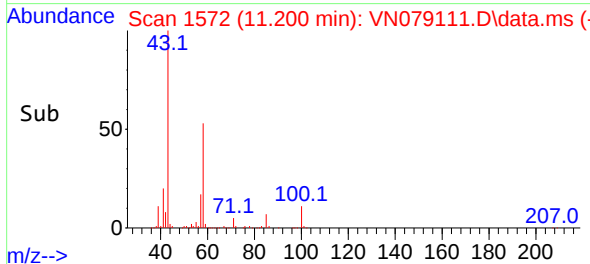
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



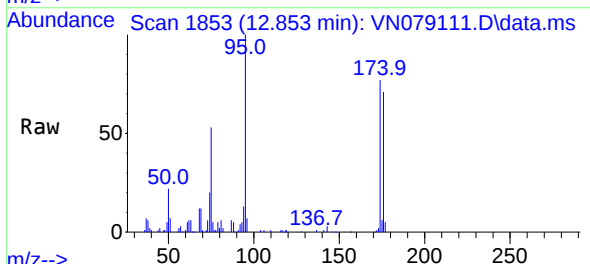
Tgt Ion: 43 Resp: 270685
Ion Ratio Lower Upper
43 100
58 50.0 40.6 60.8
57 17.2 13.6 20.4

Manual Integrations
APPROVED

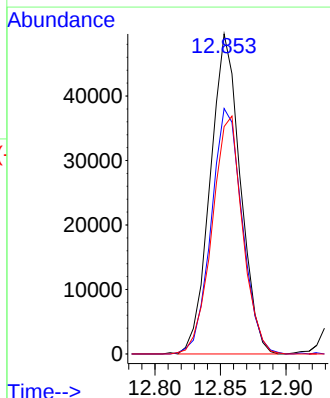
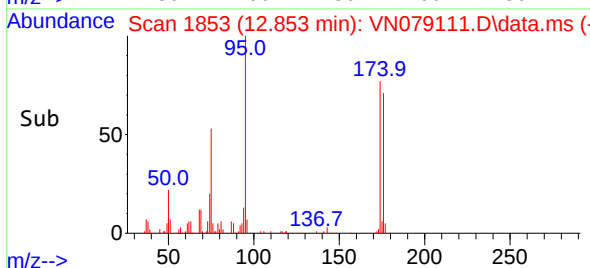
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

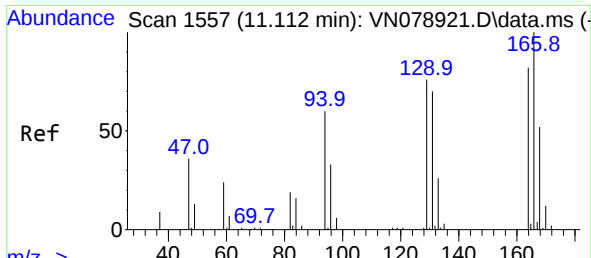


#60
4-Bromofluorobenzene
Concen: 30.342 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



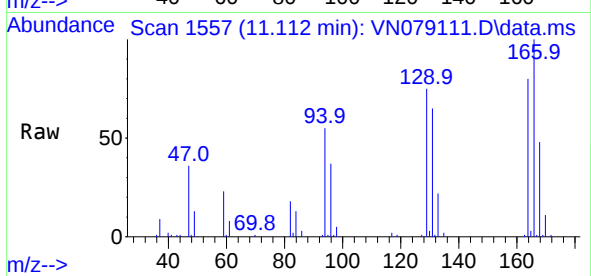
Tgt Ion: 95 Resp: 79174
Ion Ratio Lower Upper
95 100
174 79.1 64.8 97.2
176 75.5 63.0 94.6





#61
Tetrachloroethene
Concen: 21.252 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

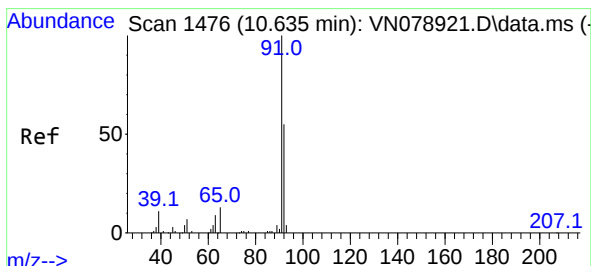
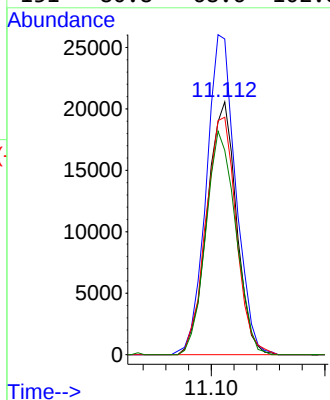
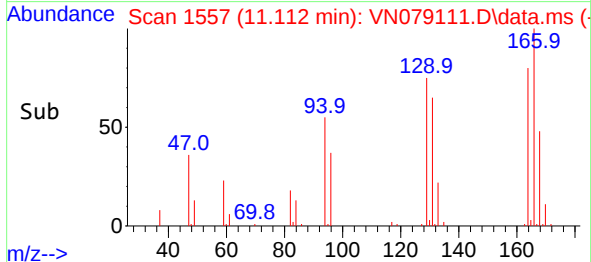
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



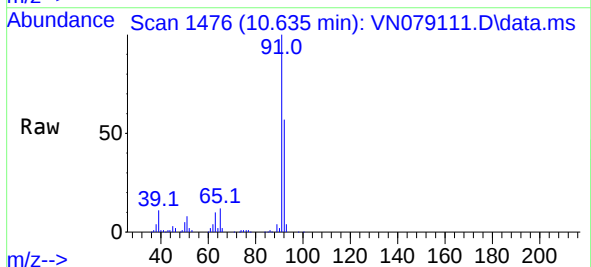
Tgt Ion:164 Resp: 36810
Ion Ratio Lower Upper
164 100
166 124.8 97.6 146.4
129 93.9 74.1 111.1
131 80.8 68.6 102.8

Manual Integrations
APPROVED

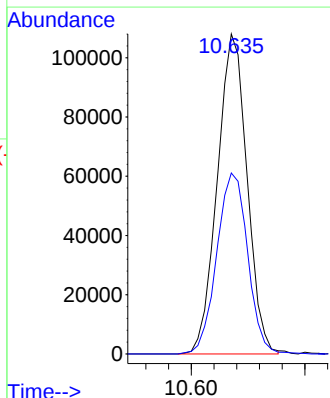
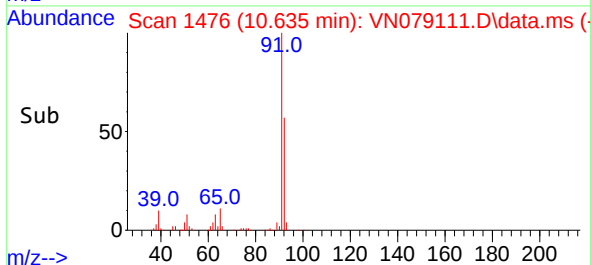
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

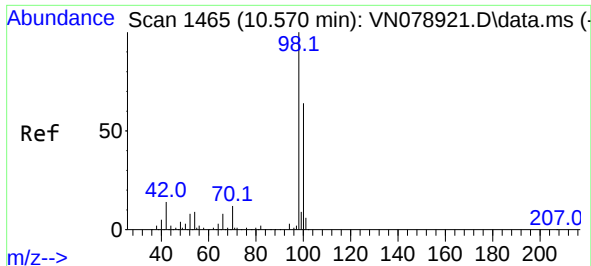


#62
Toluene
Concen: 20.089 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



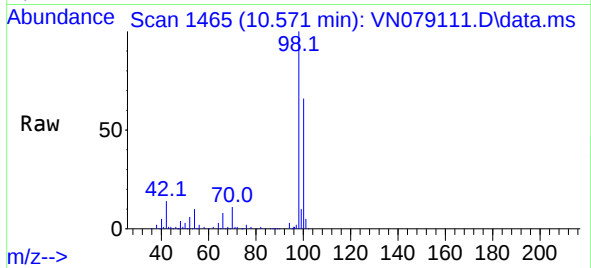
Tgt Ion: 91 Resp: 196189
Ion Ratio Lower Upper
91 100
92 58.9 44.7 67.1





#63
Toluene-d8
Concen: 30.750 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

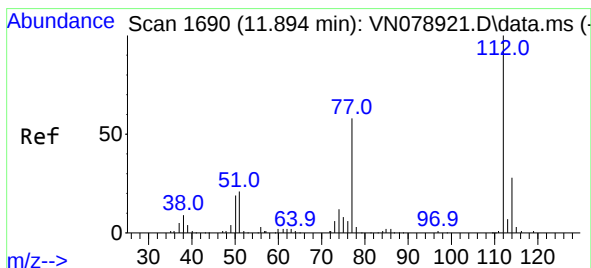
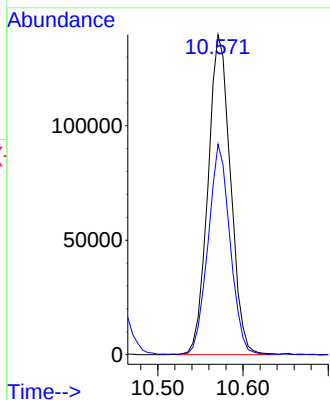
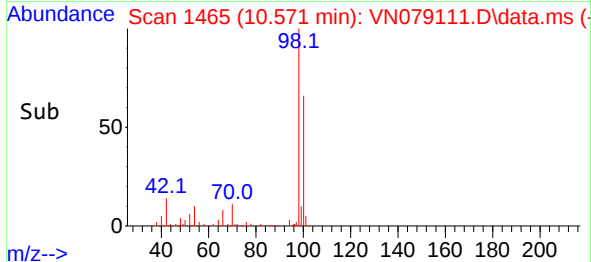
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion: 98 Resp: 256870
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7

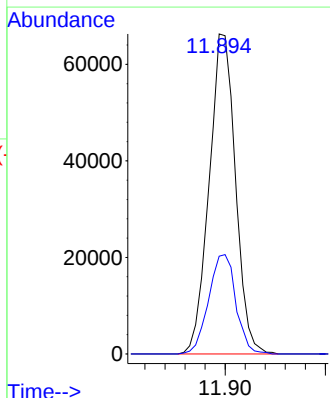
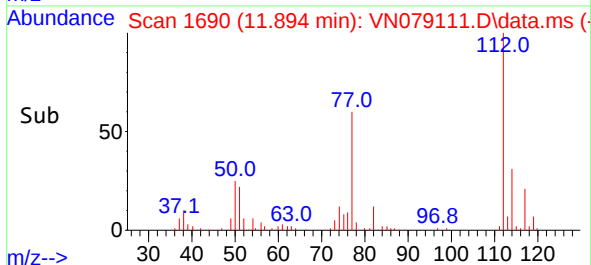
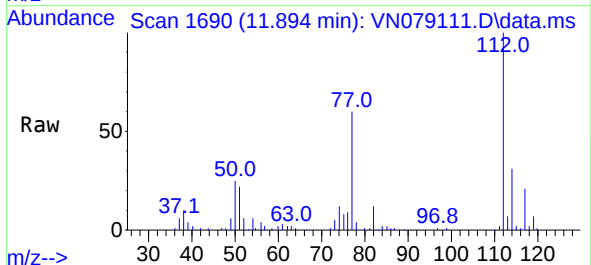
Manual Integrations
APPROVED

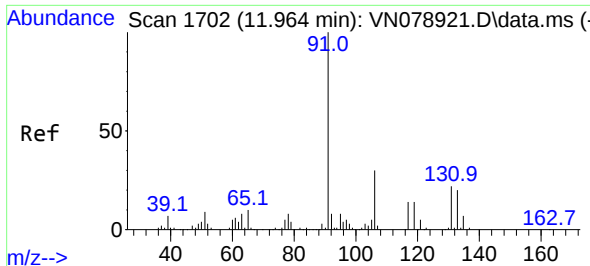
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#64
Chlorobenzene
Concen: 20.590 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion:112 Resp: 120905
Ion Ratio Lower Upper
112 100
114 30.6 22.4 33.6





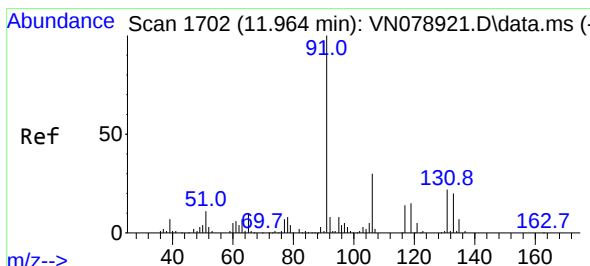
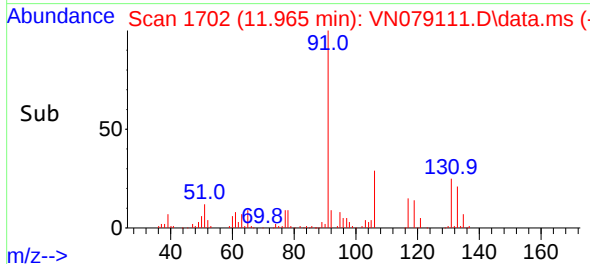
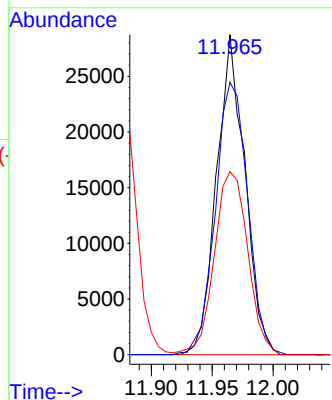
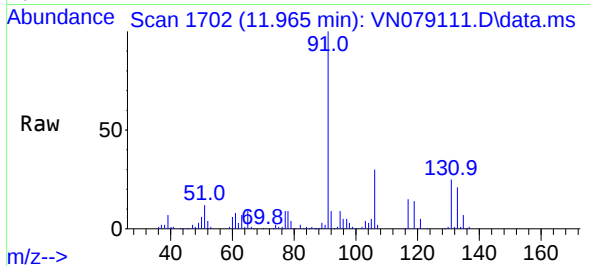
#65
1,1,1,2-Tetrachloroethane
Concen: 20.759 ug/l
RT: 11.965 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion:131 Resp: 46608
Ion Ratio Lower Upper
131 100
133 97.1 0.0 184.8
119 67.4 0.0 133.4

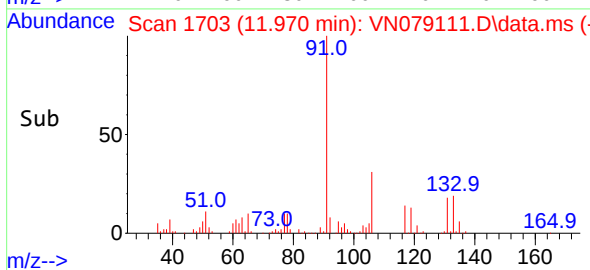
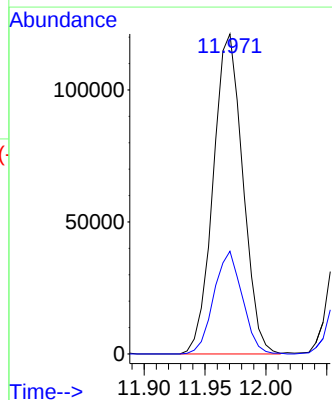
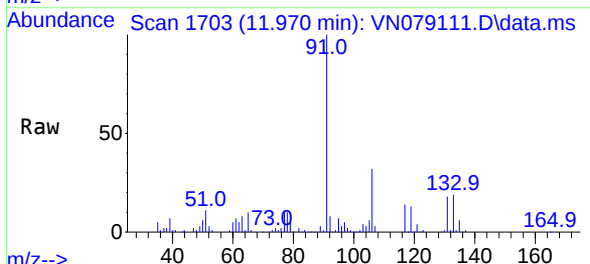
Manual Integrations
APPROVED

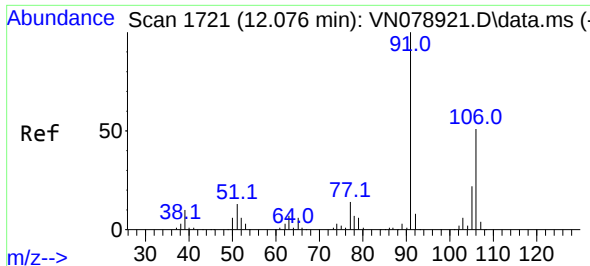
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#66
Ethyl Benzene
Concen: 20.085 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion: 91 Resp: 205182
Ion Ratio Lower Upper
91 100
106 32.1 24.1 36.1





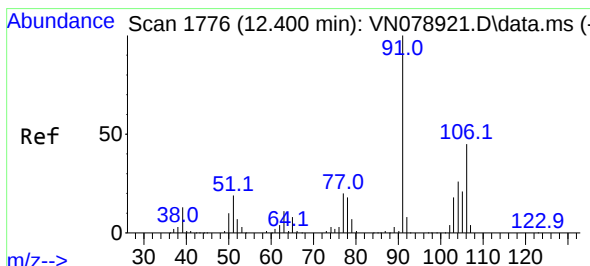
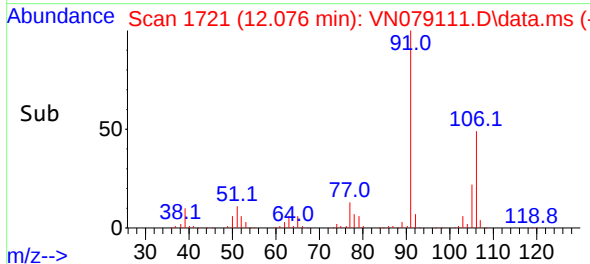
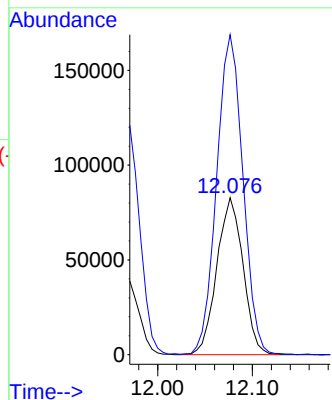
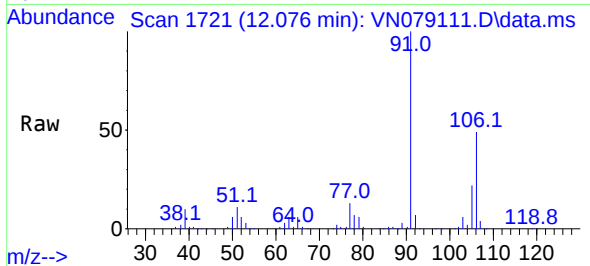
#67
m/p-Xylenes
Concen: 41.765 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion:106 Resp: 159080
Ion Ratio Lower Upper
106 100
91 204.8 161.2 241.8

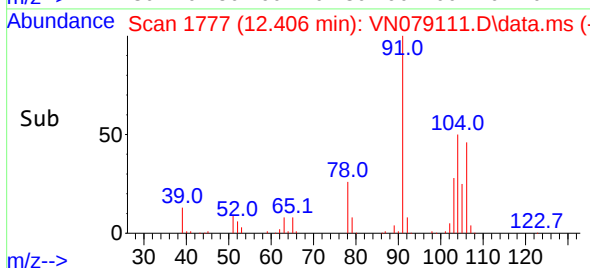
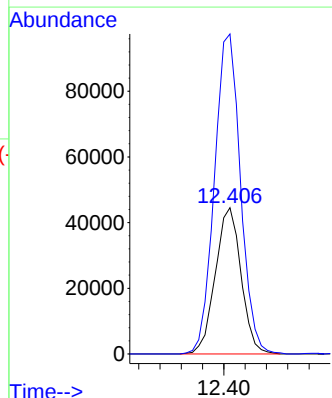
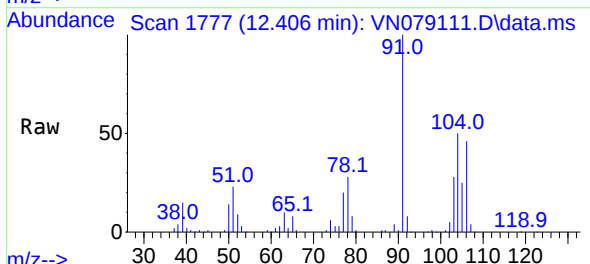
Manual Integrations
APPROVED

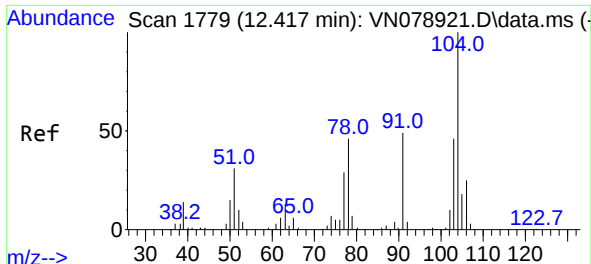
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#68
o-Xylene
Concen: 19.858 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion:106 Resp: 74578
Ion Ratio Lower Upper
106 100
91 221.7 109.0 327.0





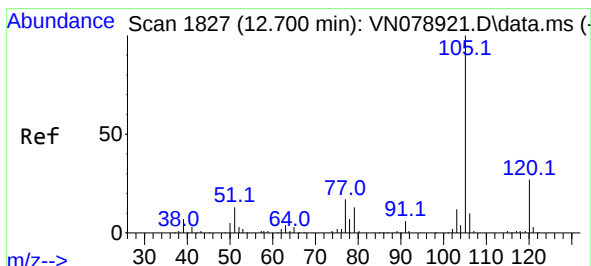
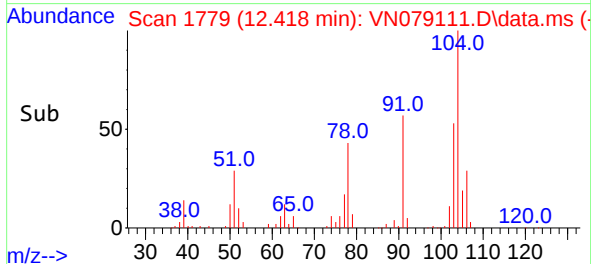
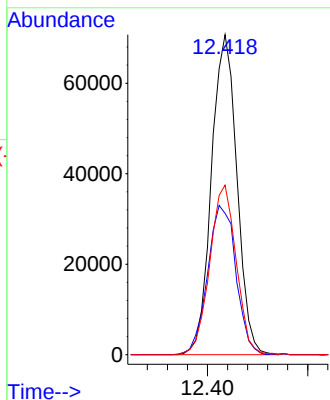
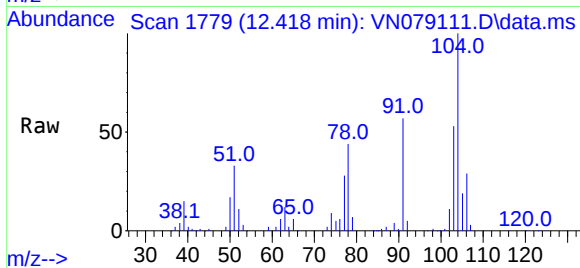
#69
Styrene
Concen: 20.436 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion:104 Resp: 124709
Ion Ratio Lower Upper
104 100
78 51.8 40.2 60.4
103 55.0 43.2 64.8

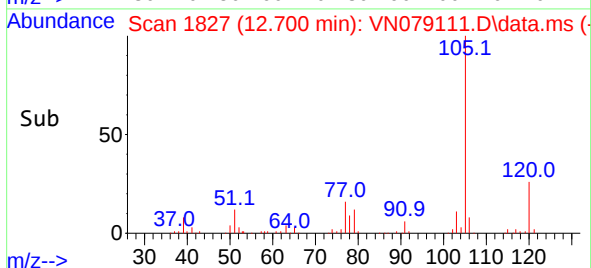
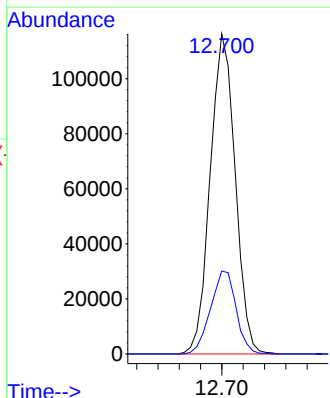
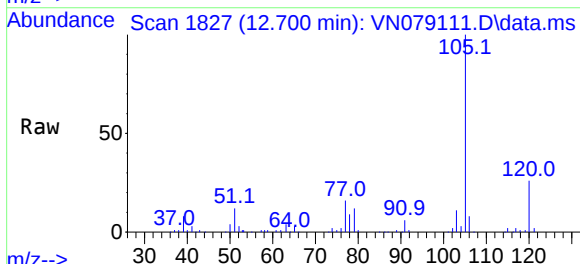
Manual Integrations
APPROVED

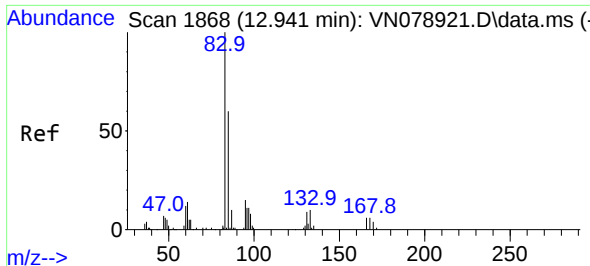
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#70
Isopropylbenzene
Concen: 20.805 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

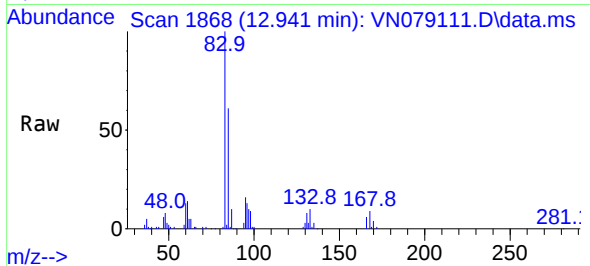
Tgt Ion:105 Resp: 189318
Ion Ratio Lower Upper
105 100
120 26.4 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 22.478 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

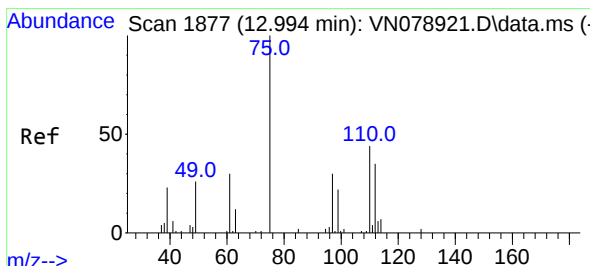
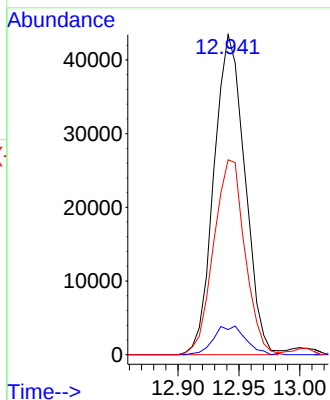
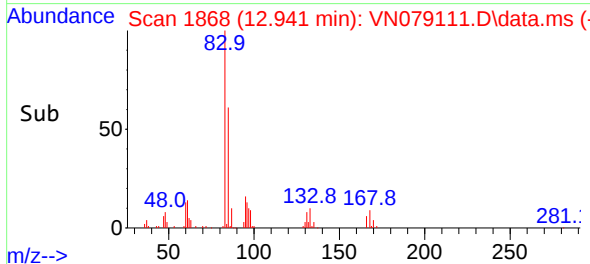
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



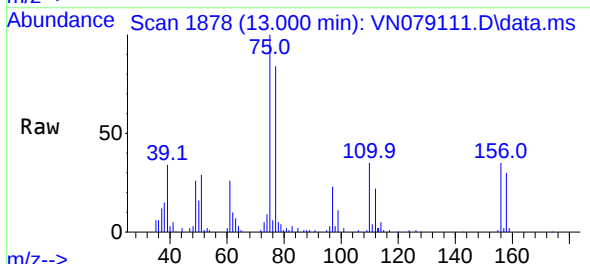
Tgt Ion: 83 Resp: 76678
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 61.6 31.9 95.7

Manual Integrations
APPROVED

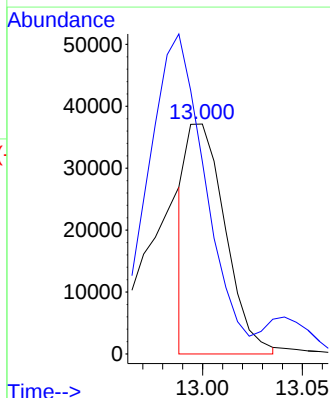
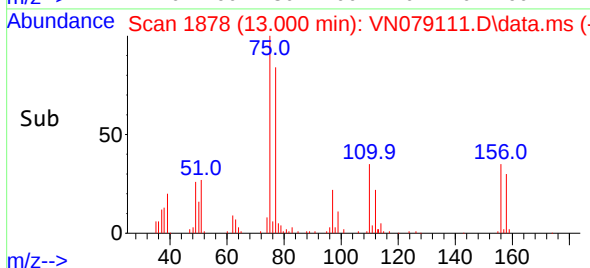
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

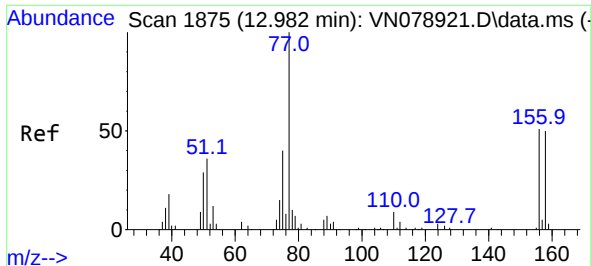


#72
1,2,3-Trichloropropane
Concen: 17.909 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



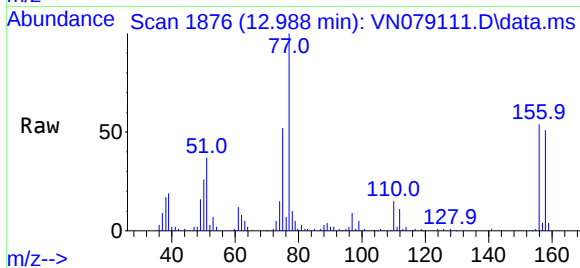
Tgt Ion: 75 Resp: 50117
Ion Ratio Lower Upper
75 100
77 207.7 0.0 367.4





#73
Bromobenzene
Concen: 20.631 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

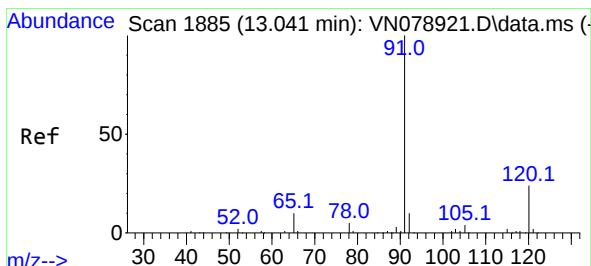
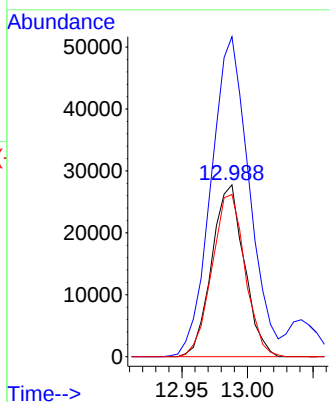
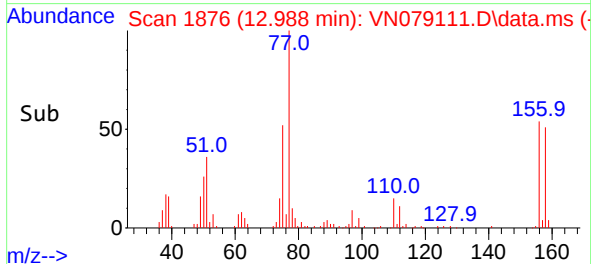
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion:156 Resp: 47798
Ion Ratio Lower Upper
156 100
77 217.8 0.0 431.0
158 96.1 0.0 196.8

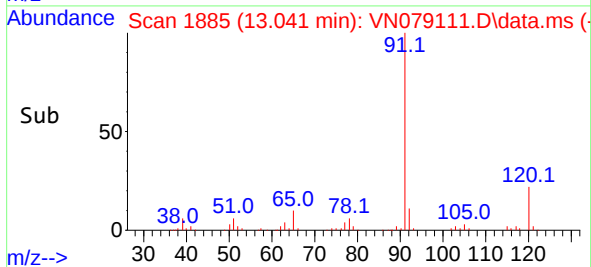
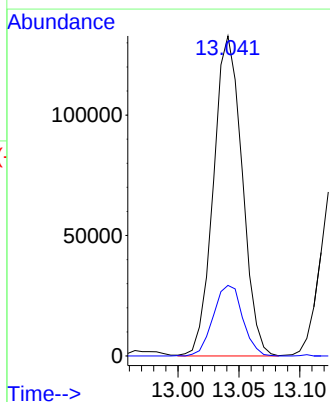
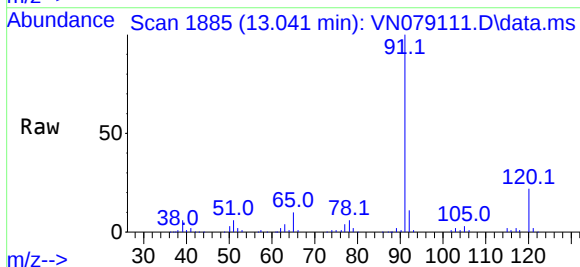
Manual Integrations
APPROVED

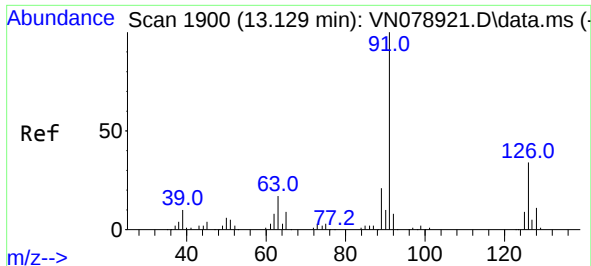
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#74
n-propylbenzene
Concen: 21.127 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion: 91 Resp: 217876
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.4





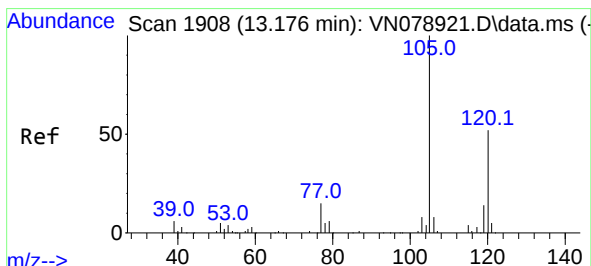
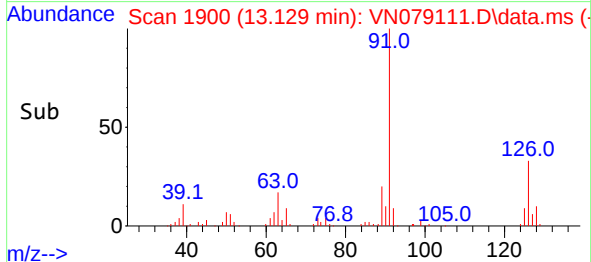
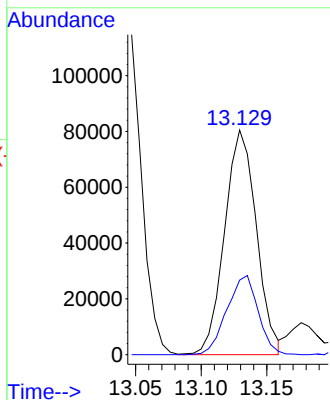
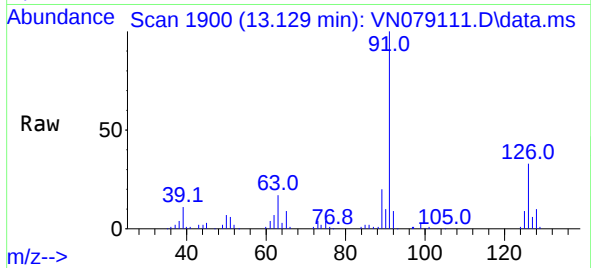
#75
2-Chlorotoluene
Concen: 20.795 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion: 91 Resp: 136052
Ion Ratio Lower Upper
91 100
126 34.6 0.0 67.2

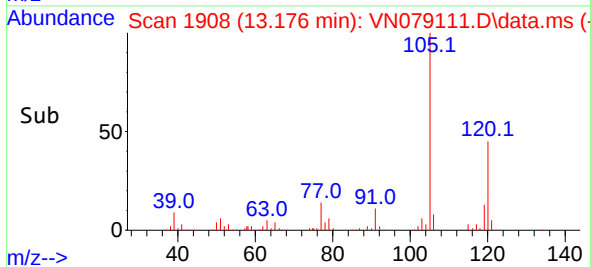
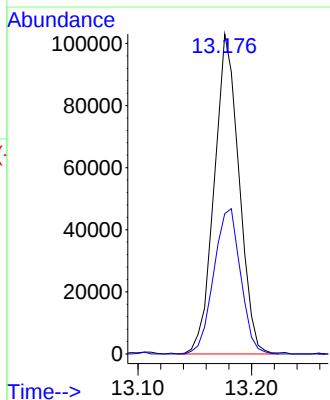
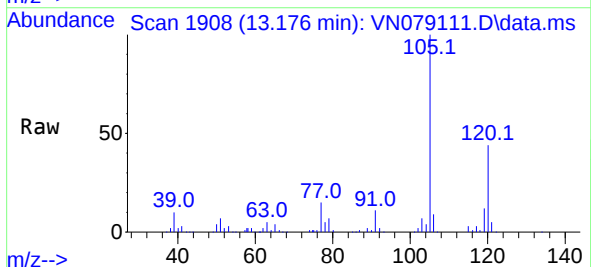
Manual Integrations
APPROVED

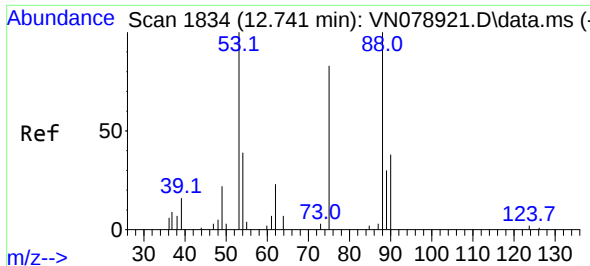
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.657 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

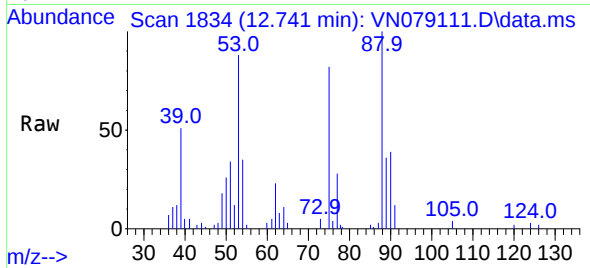
Tgt Ion:105 Resp: 156222
Ion Ratio Lower Upper
105 100
120 49.0 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.445 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

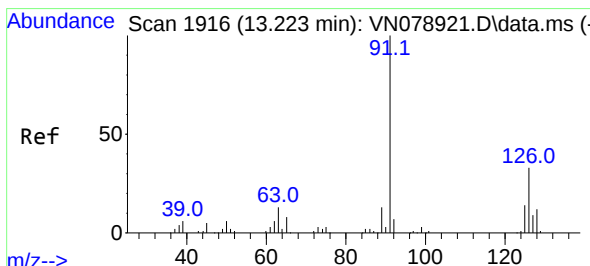
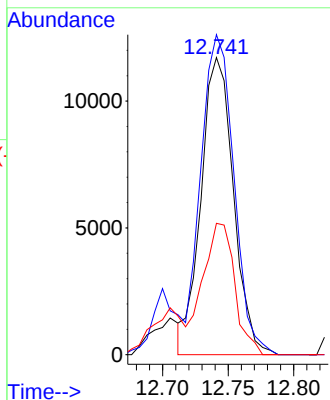
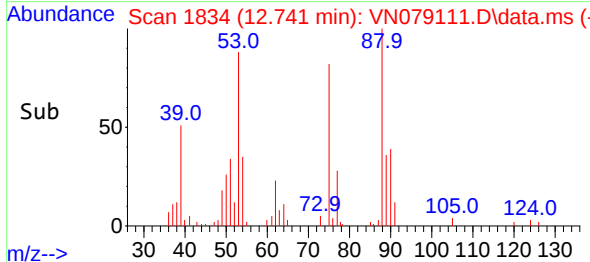
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



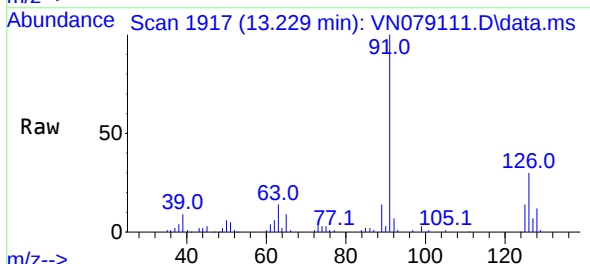
Tgt Ion: 75 Resp: 2022
Ion Ratio Lower Upper
75 100
53 107.7 60.1 180.3
89 44.2 22.9 68.8

Manual Integrations
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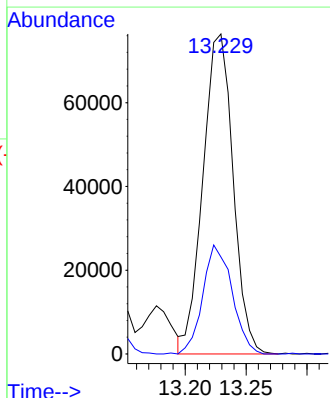
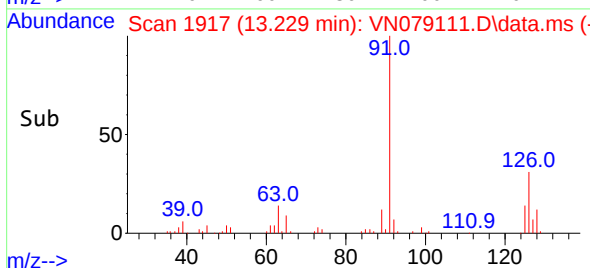
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

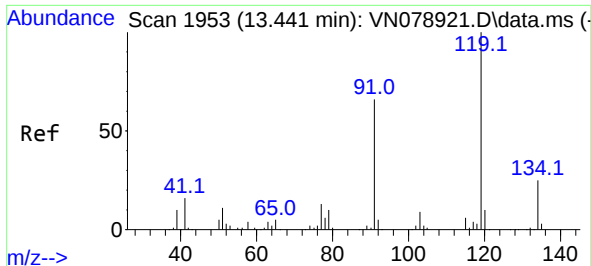


#78
4-Chlorotoluene
Concen: 21.009 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



Tgt Ion: 91 Resp: 131679
Ion Ratio Lower Upper
91 100
126 33.0 0.0 67.4





#79

tert-butylbenzene

Concen: 21.077 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBSD01

Tgt Ion:119 Resp: 128475

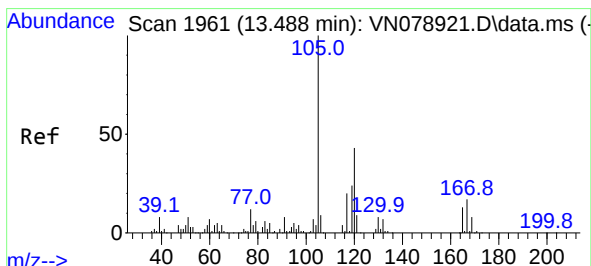
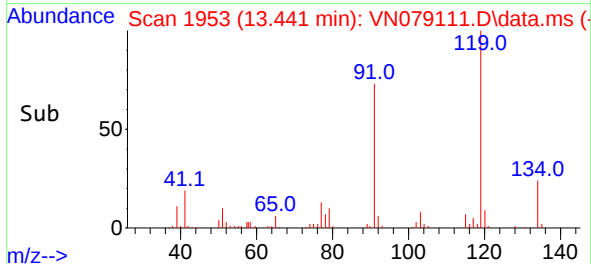
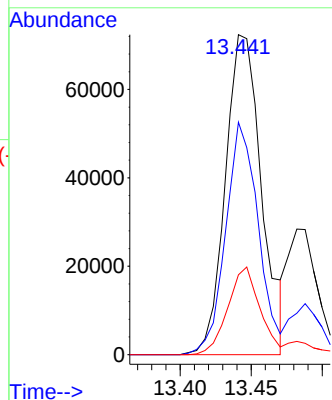
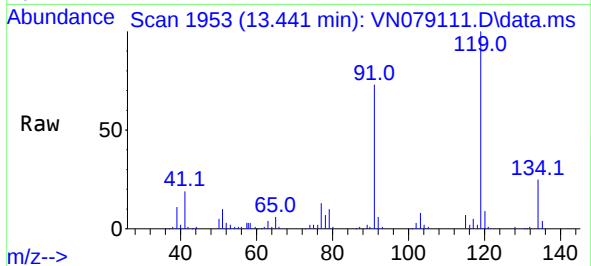
Ion	Ratio	Lower	Upper
119	100		
91	65.3	0.0	135.6
134	24.3	0.0	51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#80

1,2,4-Trimethylbenzene

Concen: 22.201 ug/l

RT: 13.488 min Scan# 1961

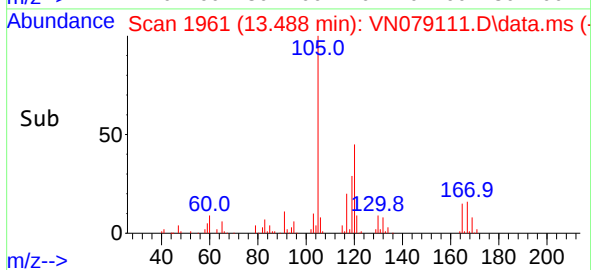
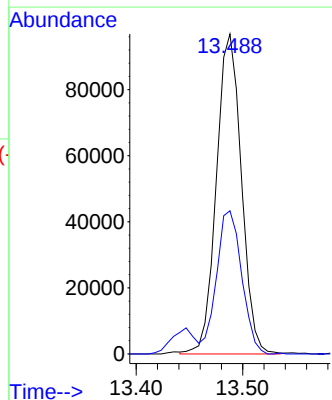
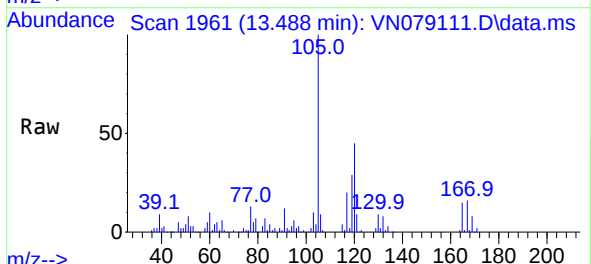
Delta R.T. 0.000 min

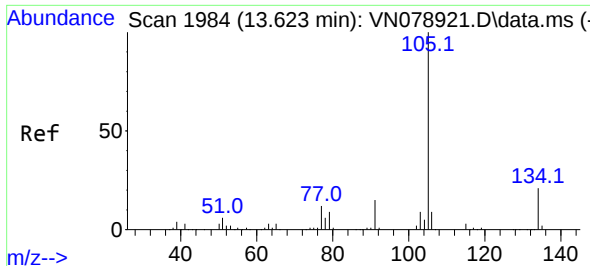
Lab File: VN079111.D

Acq: 30 Aug 2023 12:34

Tgt Ion:105 Resp: 157467

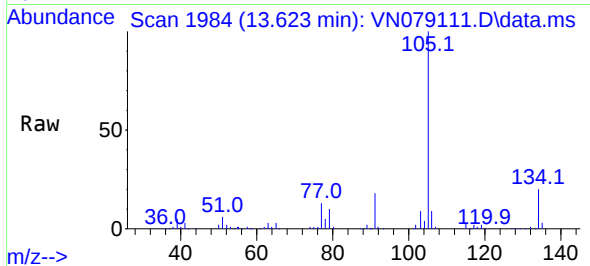
Ion	Ratio	Lower	Upper
105	100		
120	45.2	0.0	91.6





#81
 sec-Butylbenzene
 Concen: 21.627 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079111.D
 Acq: 30 Aug 2023 12:34

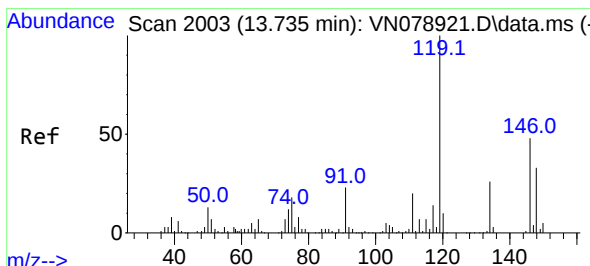
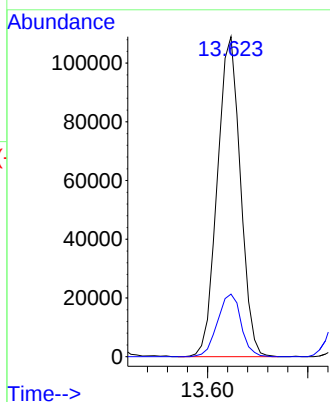
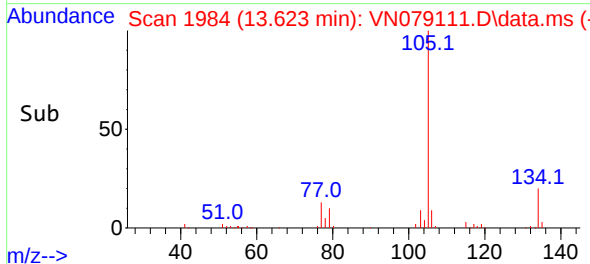
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBSD01



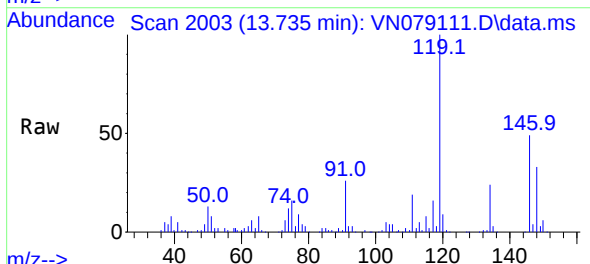
Tgt Ion:105 Resp: 173982
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 41.6

Manual Integrations
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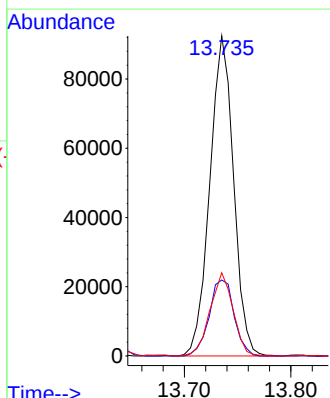
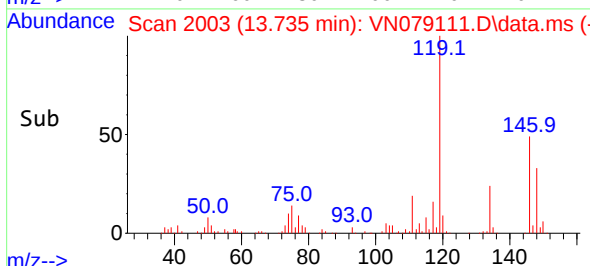
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023

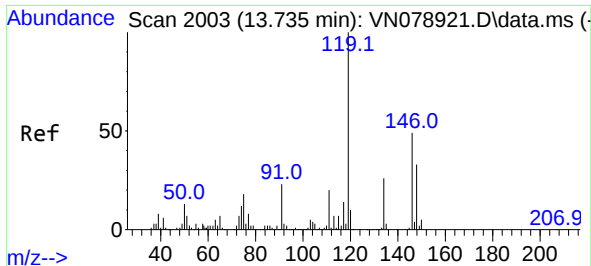


#82
 p-Isopropyltoluene
 Concen: 21.785 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079111.D
 Acq: 30 Aug 2023 12:34



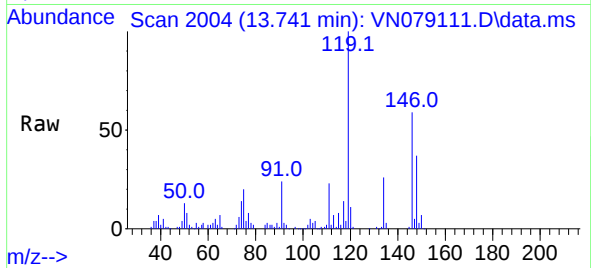
Tgt Ion:119 Resp: 143082
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 52.4
 91 25.2 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 21.655 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

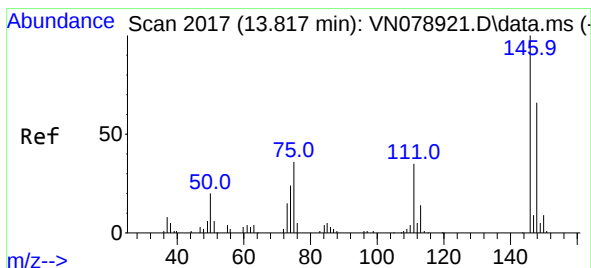
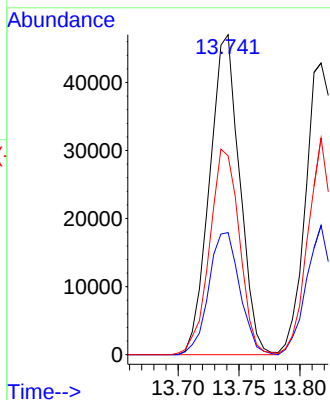
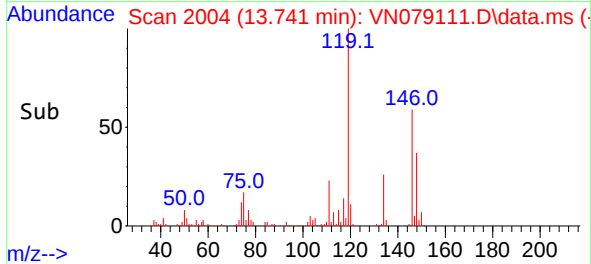
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



Tgt Ion:146 Resp: 80959
Ion Ratio Lower Upper
146 100
111 39.4 21.2 63.6
148 63.8 33.1 99.5

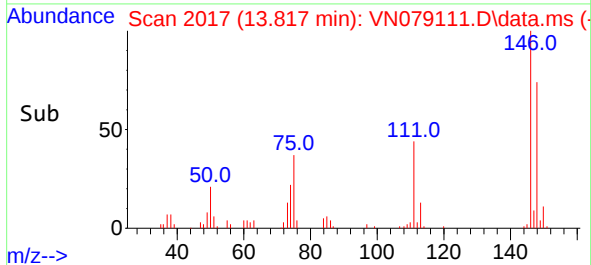
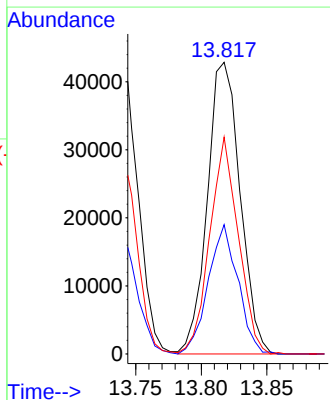
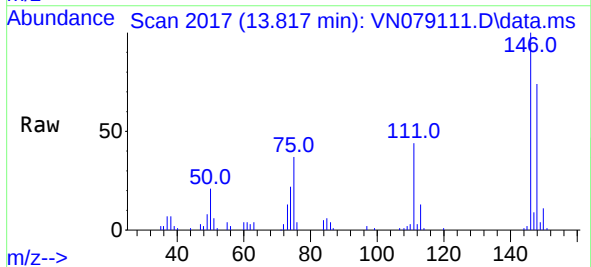
Manual Integrations
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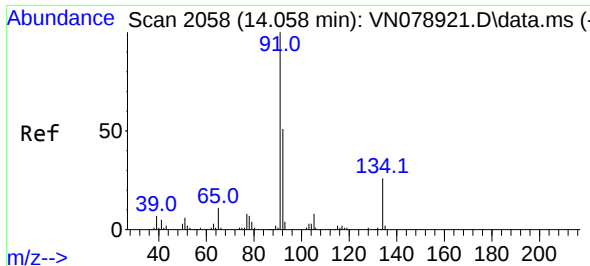
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#84
1,4-Dichlorobenzene
Concen: 20.297 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion:146 Resp: 74501
Ion Ratio Lower Upper
146 100
111 40.3 18.6 56.0
148 64.8 32.0 96.2





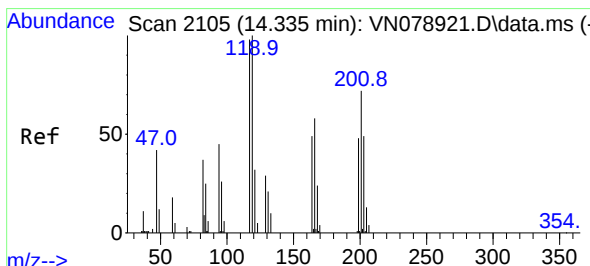
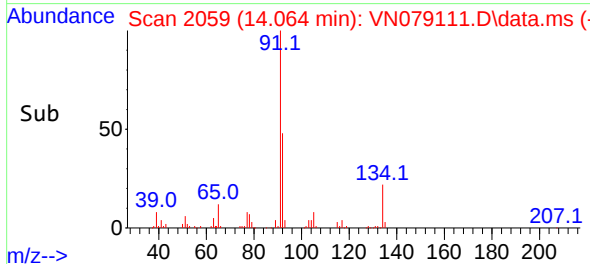
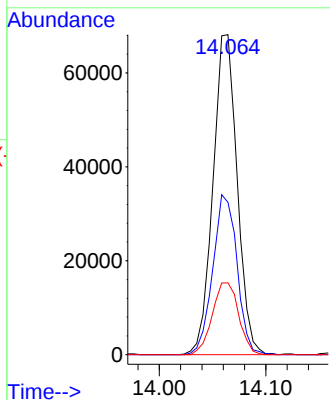
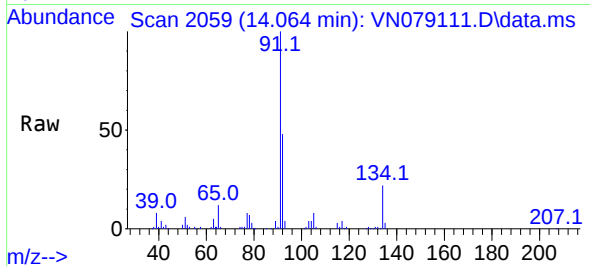
#85
n-Butylbenzene
Concen: 20.812 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion: 91 Resp: 107509
Ion Ratio Lower Upper
91 100
92 50.1 0.0 102.8
134 24.5 0.0 48.6

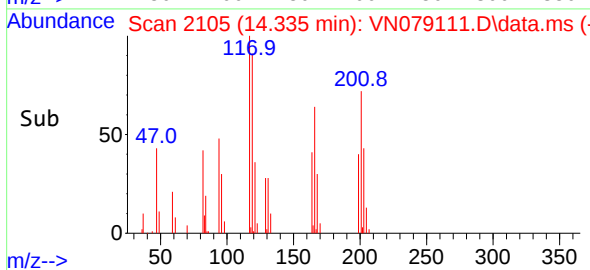
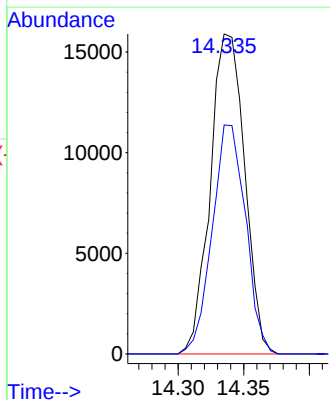
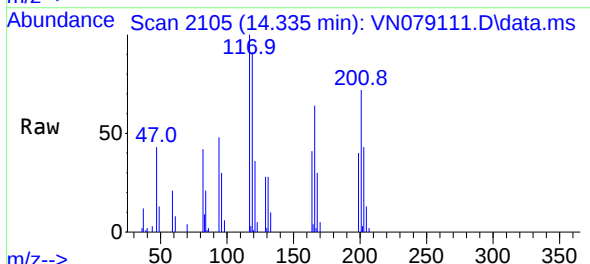
Manual Integrations
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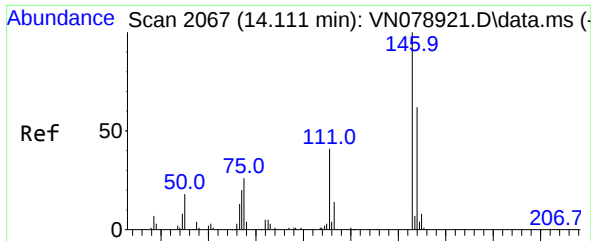
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#86
Hexachloroethane
Concen: 21.601 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

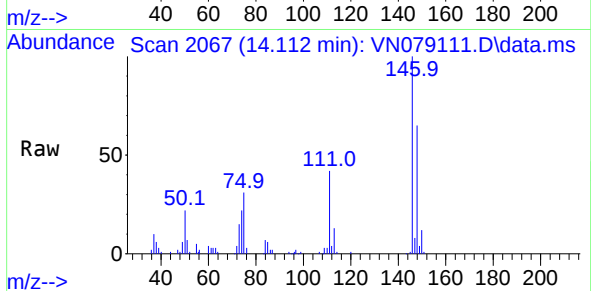
Tgt Ion:117 Resp: 29030
Ion Ratio Lower Upper
117 100
201 69.3 36.6 109.8





#87
1,2-Dichlorobenzene
Concen: 21.027 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

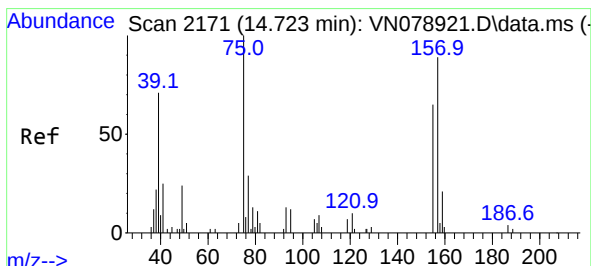
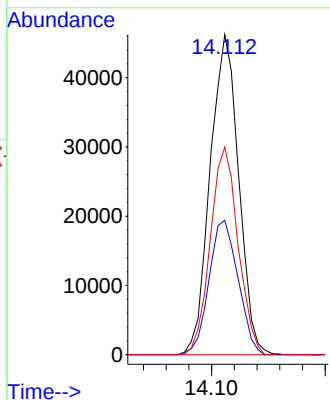
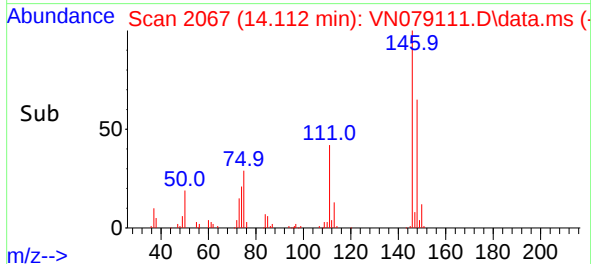
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01



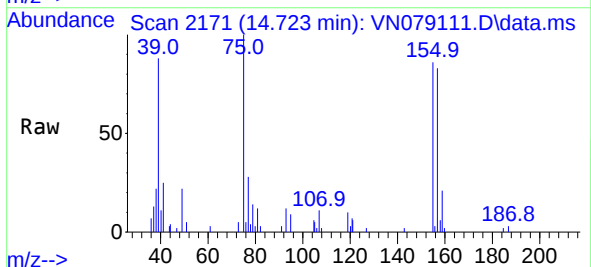
Tgt Ion:146 Resp: 80510
Ion Ratio Lower Upper
146 100
111 42.9 20.3 60.8
148 63.3 32.0 96.2

Manual Integrations
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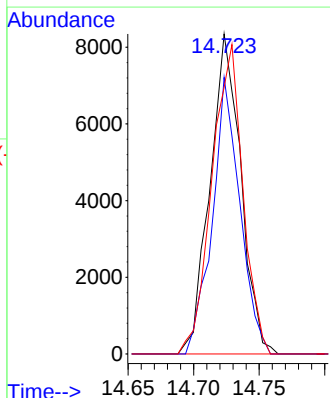
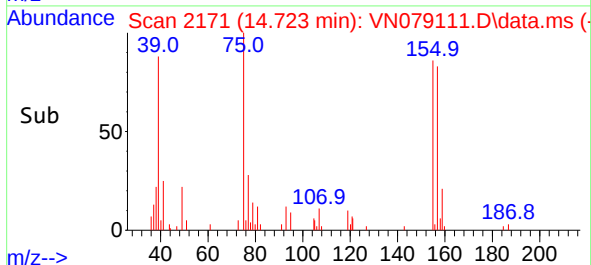
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

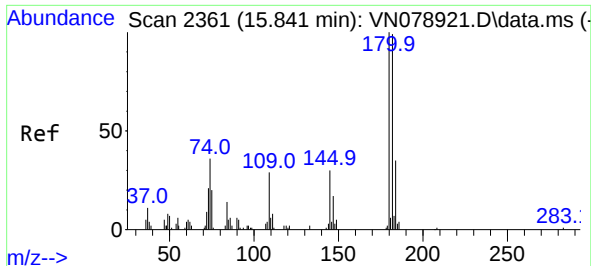


#88
1,2-Dibromo-3-Chloropropane
Concen: 22.260 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34



Tgt Ion: 75 Resp: 13629
Ion Ratio Lower Upper
75 100
155 77.5 61.1 91.7
157 97.3 79.8 119.6





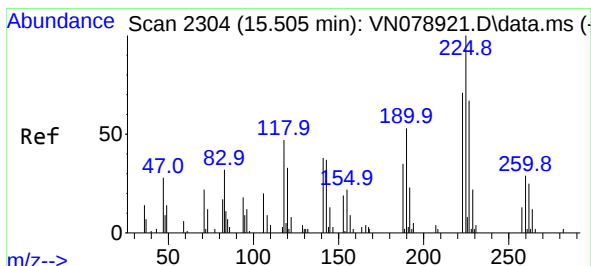
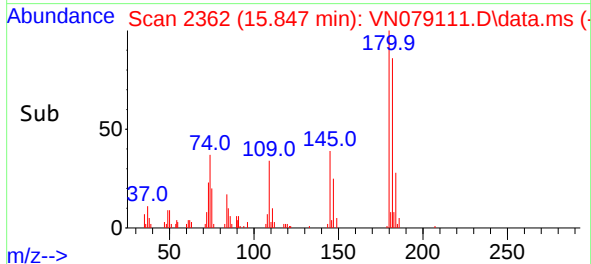
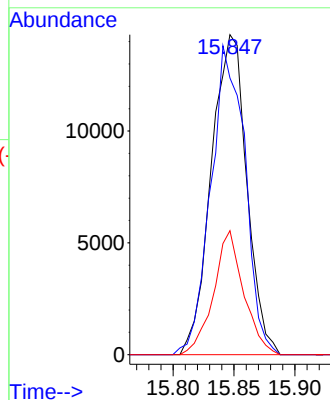
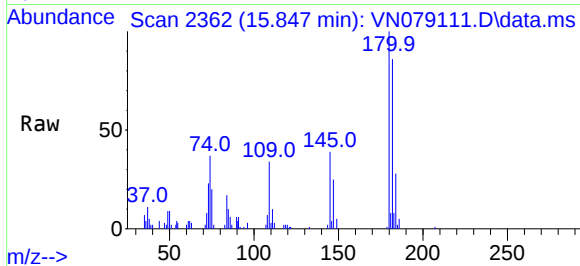
#89
1,2,4-Trichlorobenzene
Concen: 19.206 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion:180 Resp: 2904
Ion Ratio Lower Upper
180 100
182 92.9 76.1 114.1
145 32.9 26.5 39.7

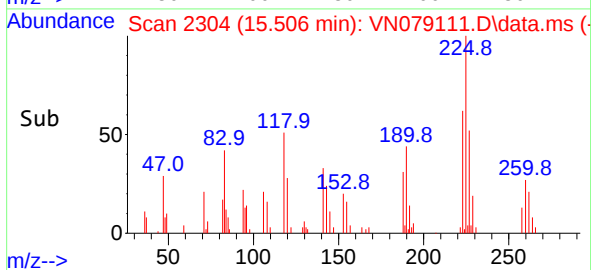
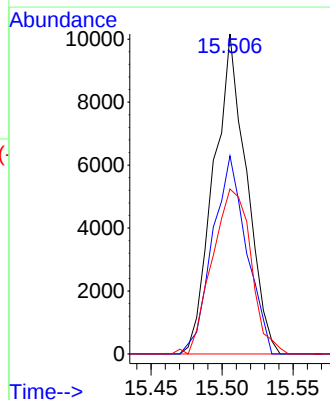
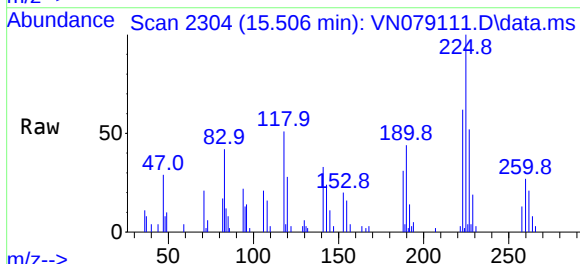
Manual Integrations
APPROVED

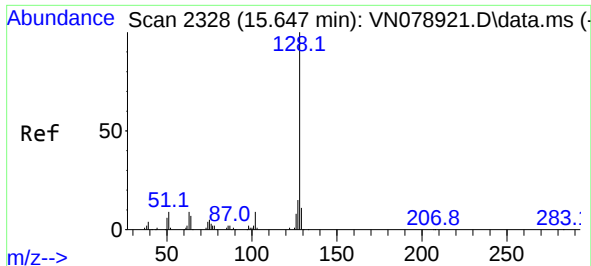
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#90
Hexachlorobutadiene
Concen: 20.795 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion:225 Resp: 16373
Ion Ratio Lower Upper
225 100
223 64.1 0.0 124.0
227 60.4 0.0 117.4





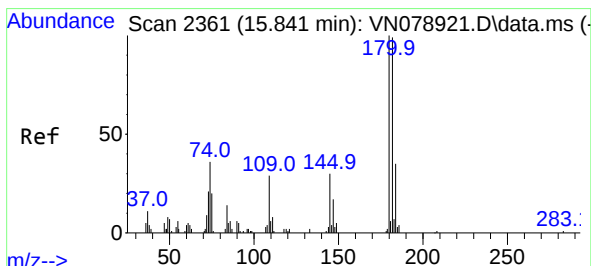
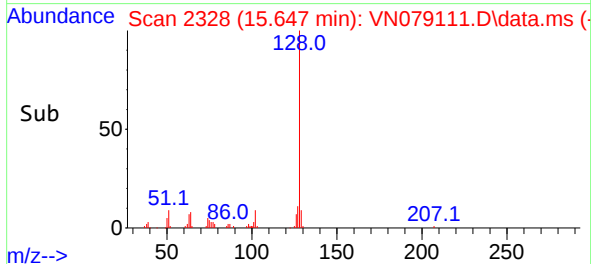
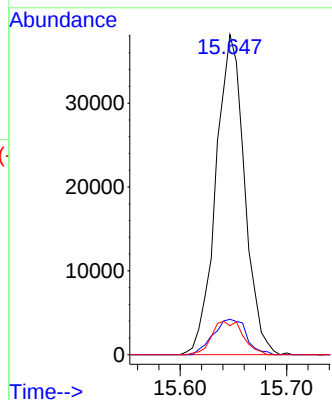
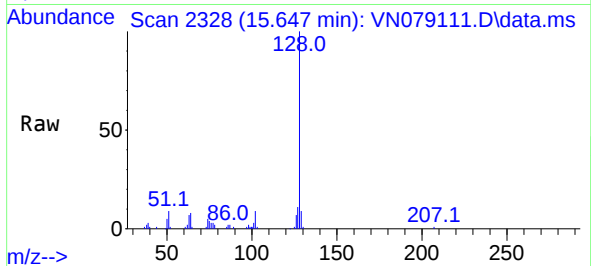
#91
Naphthalene
Concen: 16.322 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBSD01

Tgt Ion:128 Resp: 71192
Ion Ratio Lower Upper
128 100
127 12.8 11.1 16.7
129 7.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.206 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079111.D
Acq: 30 Aug 2023 12:34

Tgt Ion:180 Resp: 29045
Ion Ratio Lower Upper
180 100
182 92.9 0.0 190.2
145 32.9 0.0 66.2

