

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078484.D
 Acq On : 12 Jul 2023 17:58
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50057

Quant Time: Jul 13 02:04:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	424192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	769931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	720529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	265133	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	280366	49.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.600%
35) Dibromofluoromethane	8.177	113	282577	54.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.140%
50) Toluene-d8	10.577	98	898189	45.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.859	95	324313	53.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.660%

Target Compounds			Qvalue			
3) Chloromethane	2.371	50	1720	0.304	ug/l #	68
4) Vinyl Chloride	2.524	62	248	0.034	ug/l #	1
5) Bromomethane	2.977	94	2763	Below Cal		93
6) Chloroethane	3.101	64	1188	Below Cal	#	43
10) Methyl Iodide	4.606	142	1642	0.258	ug/l #	38
11) Tert butyl alcohol	5.536	59	255	0.291	ug/l #	72
13) Acrolein	4.195	56	72	0.083	ug/l #	1
14) Allyl chloride	5.036	41	64	0.010	ug/l #	1
15) Acrylonitrile	5.747	53	254	0.115	ug/l #	18
16) Acetone	4.465	43	2137	1.206	ug/l #	40
17) Carbon Disulfide	4.706	76	3246	0.251	ug/l	97
18) Methyl Acetate	5.053	43	601	0.080	ug/l #	42
20) Methylene Chloride	5.277	84	1743	Below Cal	#	69
21) trans-1,2-Dichloroethene	5.795	96	166	0.033	ug/l #	72
22) Diisopropyl ether	6.883	45	77	0.006	ug/l #	33
23) Vinyl Acetate	6.600	43	160	0.018	ug/l #	62
24) 1,1-Dichloroethane	6.400	63	62	0.007	ug/l #	81
25) 2-Butanone	7.512	43	780	0.280	ug/l #	37
26) 2,2-Dichloropropane	7.553	77	59	0.008	ug/l #	53
27) cis-1,2-Dichloroethene	7.494	96	75	0.013	ug/l #	1
29) Tetrahydrofuran	7.865	42	411	0.225	ug/l #	64
30) Chloroform	7.994	83	165	0.017	ug/l #	15
31) Cyclohexane	8.236	56	9628	1.253	ug/l #	36
32) 1,1,1-Trichloroethane	8.188	97	91	0.011	ug/l #	24
36) 1,1-Dichloropropene	8.236	75	33107	4.387	ug/l #	49
37) Ethyl Acetate	7.571	43	91	0.014	ug/l #	63
38) Carbon Tetrachloride	8.230	117	46243	5.638	ug/l #	14
39) Methylcyclohexane	9.606	83	536	0.078	ug/l #	60
40) Benzene	8.618	78	724	0.032	ug/l #	52
41) Methacrylonitrile	7.806	41	180	0.056	ug/l #	20
42) 1,2-Dichloroethane	8.677	62	1289	0.170	ug/l #	73
43) Isopropyl Acetate	8.788	43	5293	0.511	ug/l #	49
44) Trichloroethene	9.359	130	246	0.041	ug/l	22
45) 1,2-Dichloropropane	9.635	63	79	0.014	ug/l #	45
46) Dibromomethane	9.718	93	136	0.034	ug/l #	1
47) Bromodichloromethane	9.900	83	455	0.057	ug/l #	26

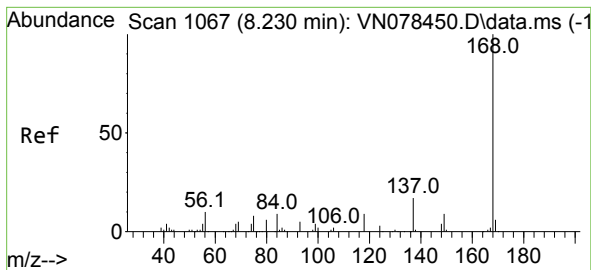
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	9.700	41	263	0.055	ug/l #	29
51) 4-Methyl-2-Pentanone	10.447	43	1503	0.244	ug/l #	78
52) Toluene	10.641	92	759	0.055	ug/l #	1
53) t-1,3-Dichloropropene	10.841	75	444	0.054	ug/l #	43
54) cis-1,3-Dichloropropene	10.330	75	393	0.045	ug/l #	42
55) 1,1,2-Trichloroethane	11.000	97	160	0.029	ug/l #	16
56) Ethyl methacrylate	10.882	69	492	0.064	ug/l #	1
57) 1,3-Dichloropropane	11.165	76	185	0.020	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.171	63	196	0.072	ug/l #	42
59) 2-Hexanone	11.194	43	2847	0.650	ug/l #	54
60) Dibromochloromethane	11.553	129	54	0.009	ug/l	72
61) 1,2-Dibromoethane	11.494	107	55	0.010	ug/l #	1
64) Tetrachloroethene	11.118	164	223	0.041	ug/l #	58
65) Chlorobenzene	11.912	112	1263	0.078	ug/l #	78
66) 1,1,1,2-Tetrachloroethane	11.971	131	131	0.021	ug/l #	5
67) Ethyl Benzene	11.965	91	2243	0.082	ug/l	92
68) m/p-Xylenes	12.076	106	1402	0.139	ug/l	98
69) o-Xylene	12.406	106	961	0.095	ug/l	64
70) Styrene	12.424	104	1141	0.072	ug/l #	36
71) Bromoform	12.629	173	61	0.015	ug/l #	28
73) Isopropylbenzene	12.694	105	1448	0.058	ug/l	88
74) N-amyl acetate	12.500	43	468	0.055	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	13.141	83	434	Below Cal		91
76) 1,2,3-Trichloropropane	12.853	75	170649	26.628	ug/l #	1
77) Bromobenzene	12.988	156	561	Below Cal		51
78) n-propylbenzene	13.053	91	2892	0.109	ug/l	83
79) 2-Chlorotoluene	13.165	91	185	0.011	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	2724	0.138	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.853	75	170649	69.974	ug/l #	15
82) 4-Chlorotoluene	13.223	91	2262	0.139	ug/l	88
83) tert-Butylbenzene	13.623	119	962	0.058	ug/l	73
84) 1,2,4-Trimethylbenzene	13.482	105	2782	0.146	ug/l	85
85) sec-Butylbenzene	13.576	105	423	0.020	ug/l	96
86) p-Isopropyltoluene	13.729	119	2824	0.166	ug/l #	63
87) 1,3-Dichlorobenzene	13.741	146	1132	0.118	ug/l #	53
88) 1,4-Dichlorobenzene	13.823	146	2116	0.220	ug/l #	25
89) n-Butylbenzene	14.059	91	3137	0.258	ug/l	70
90) Hexachloroethane	14.335	117	995	Below Cal	#	21
91) 1,2-Dichlorobenzene	14.112	146	1382	0.145	ug/l #	30
92) 1,2-Dibromo-3-Chloropr...	14.735	75	230	Below Cal	#	49
93) 1,2,4-Trichlorobenzene	15.400	180	1128	0.371	ug/l #	60
94) Hexachlorobutadiene	15.500	225	926	Below Cal	#	72
95) Naphthalene	15.653	128	6240	0.601	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.847	180	2248	0.644	ug/l #	84

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 10

Delta R.T. 0.006 min

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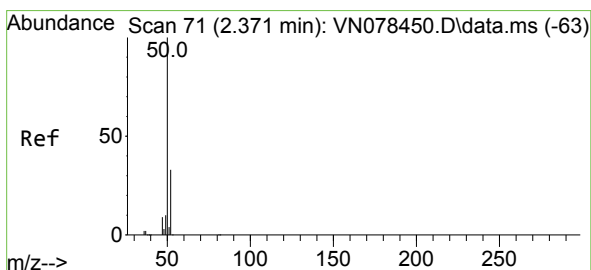
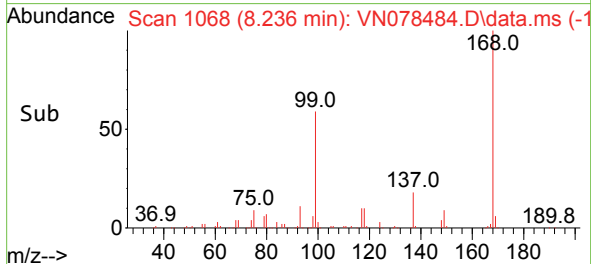
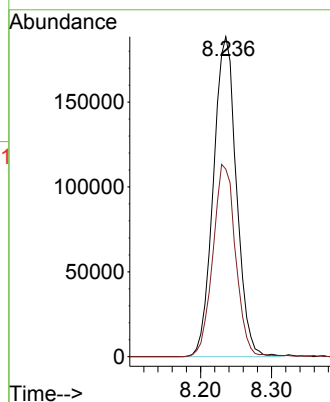
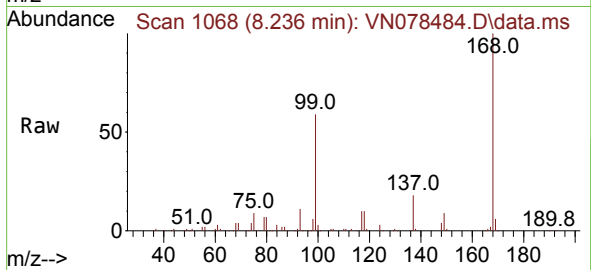
50057

Tgt Ion:168 Resp: 424192

Ion Ratio Lower Upper

168 100

99 58.6 53.0 79.6



#3

Chloromethane

Concen: 0.304 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078484.D

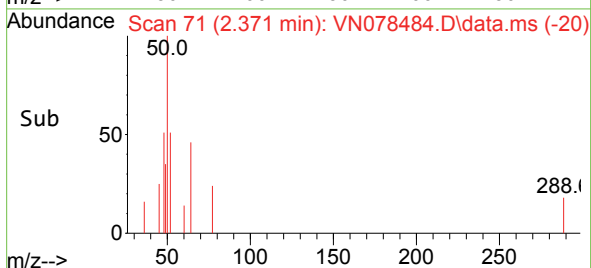
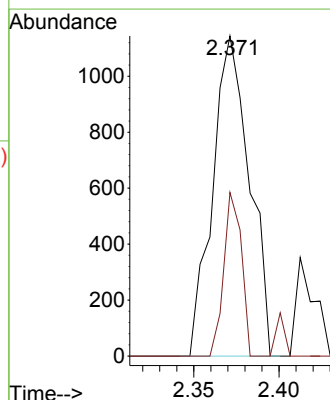
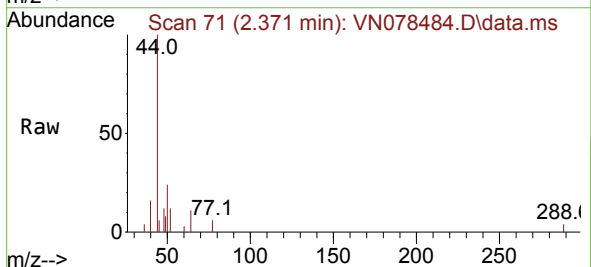
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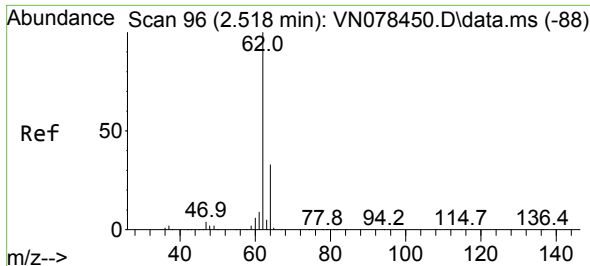
Tgt Ion: 50 Resp: 1720

Ion Ratio Lower Upper

50 100

52 51.1 26.5 39.7#

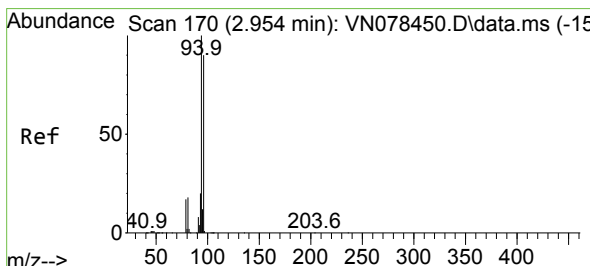
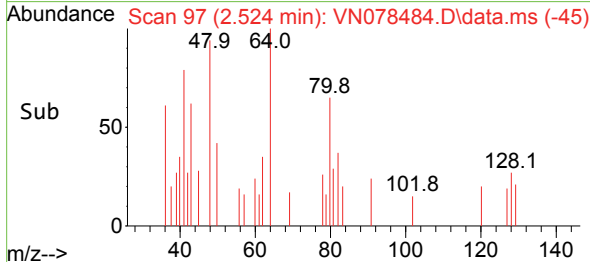
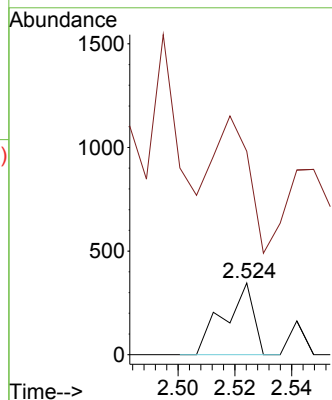
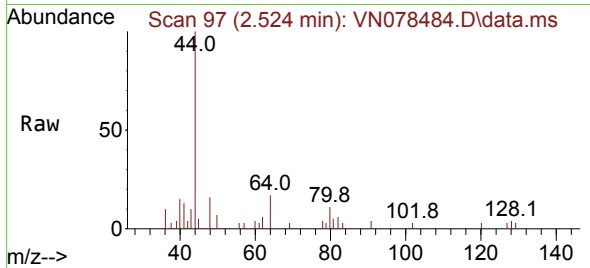




#4
 Vinyl Chloride
 Concen: 0.034 ug/l
 RT: 2.524 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

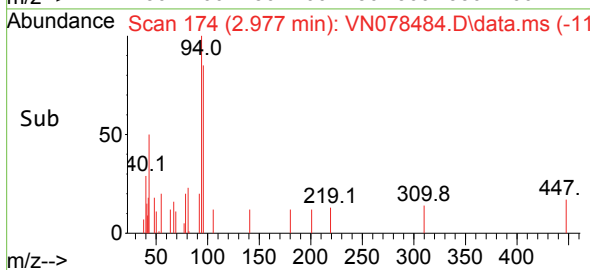
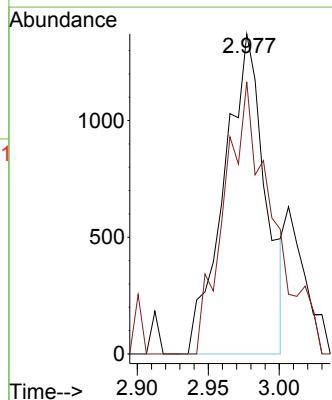
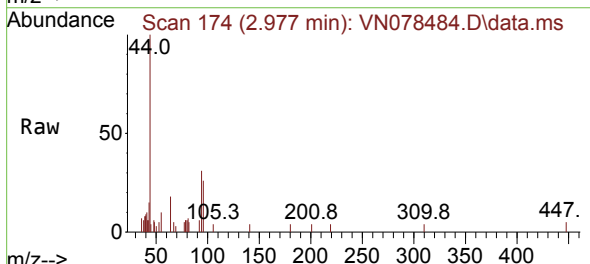
Instrument :
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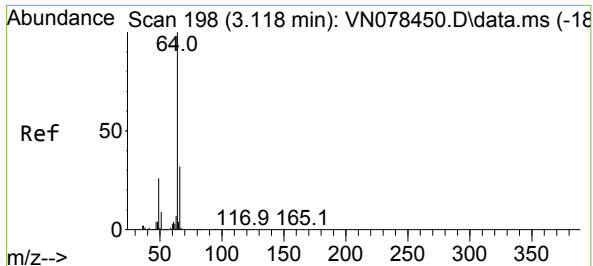
Tgt Ion: 62 Resp: 248
 Ion Ratio Lower Upper
 62 100
 64 100.0 26.2 39.2#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.977 min Scan# 174
 Delta R.T. 0.023 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

Tgt Ion: 94 Resp: 2763
 Ion Ratio Lower Upper
 94 100
 96 85.0 73.1 109.7

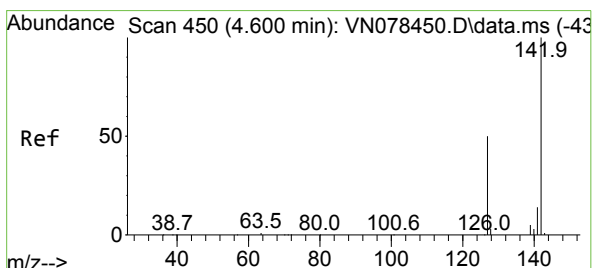
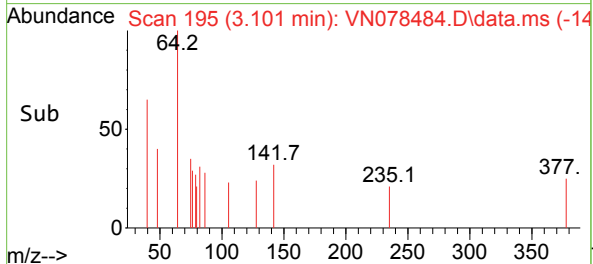
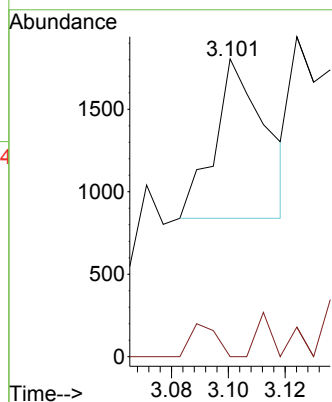
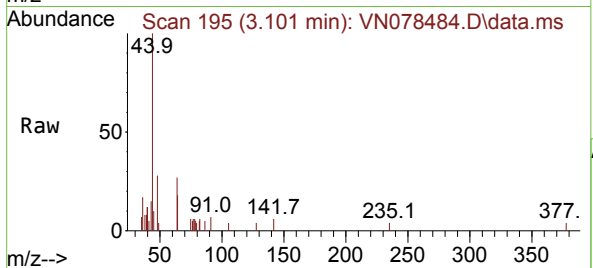




#6
Chloroethane
Concen: Below Cal
RT: 3.101 min Scan# 198
Delta R.T. -0.017 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

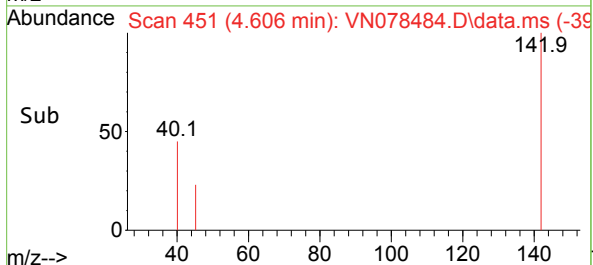
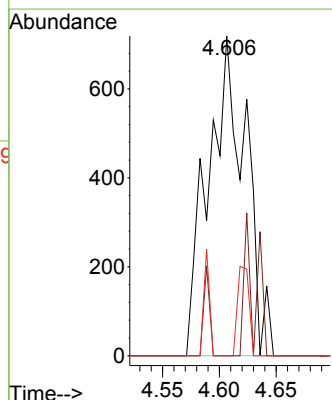
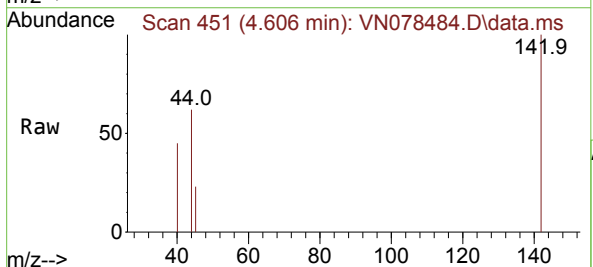
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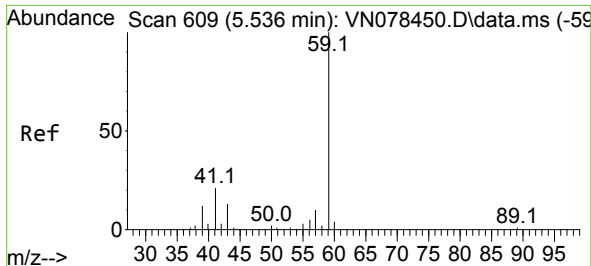
Tgt Ion: 64 Resp: 1188
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.258 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 142 Resp: 1642
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

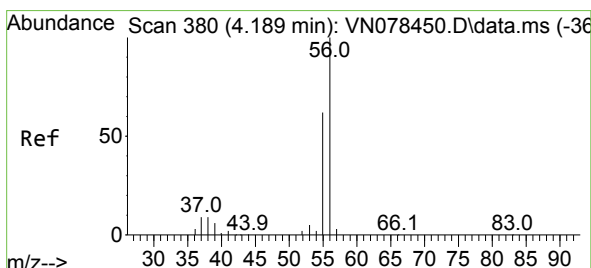
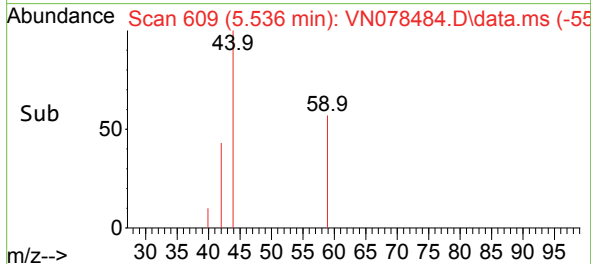
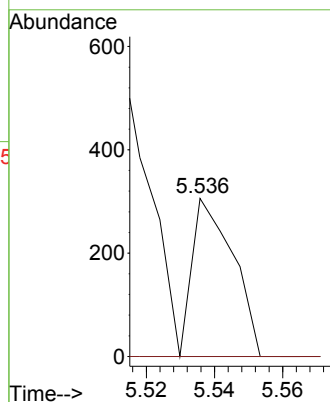
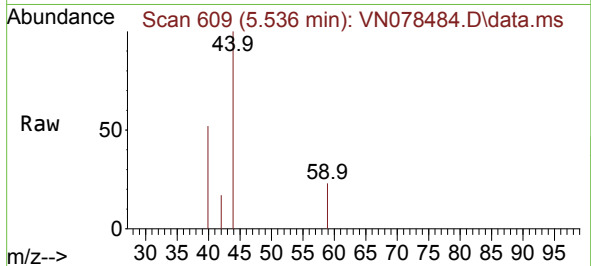




#11
Tert butyl alcohol
Concen: 0.291 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

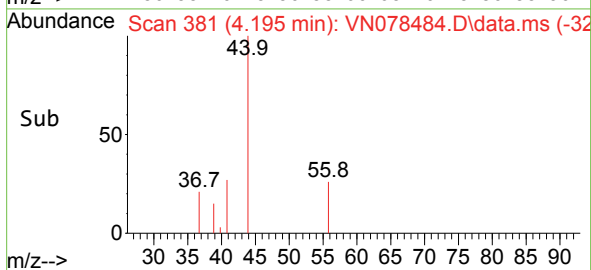
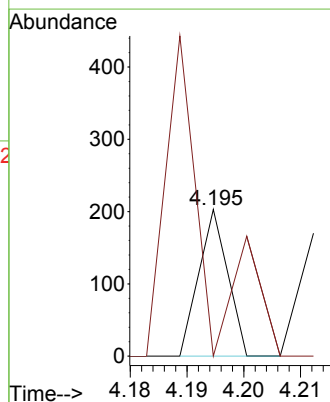
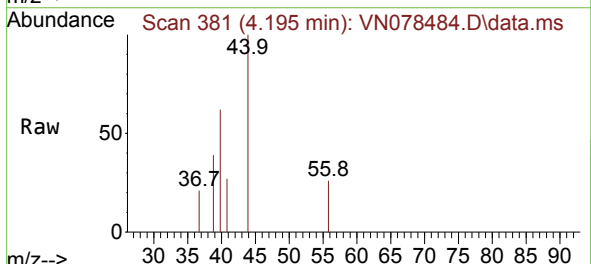
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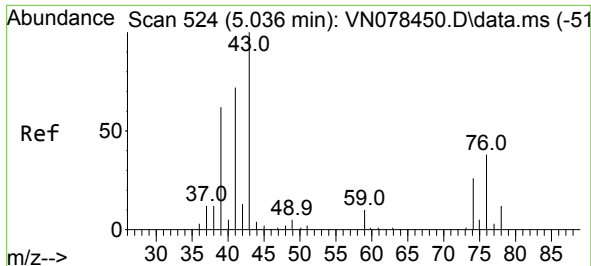
Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.083 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

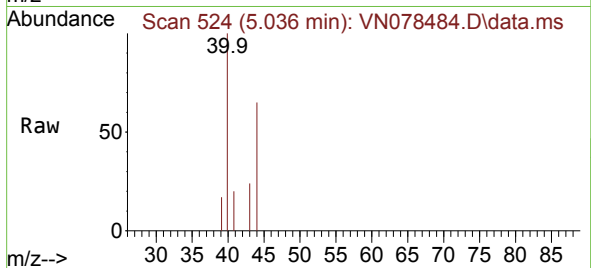
Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 298.6 54.5 81.7#



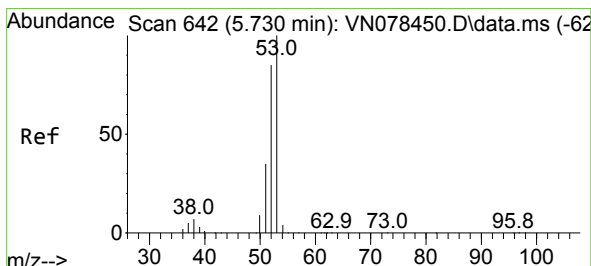
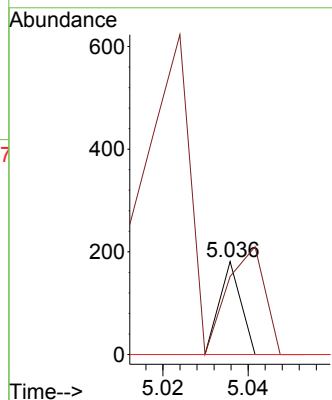
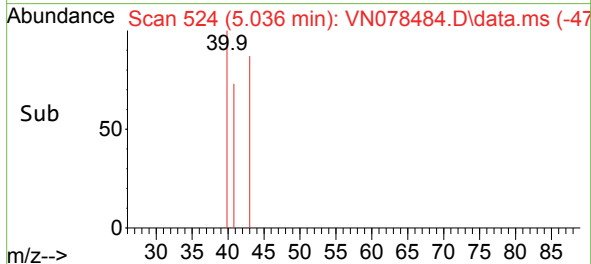


#14
 Allyl chloride
 Concen: 0.010 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

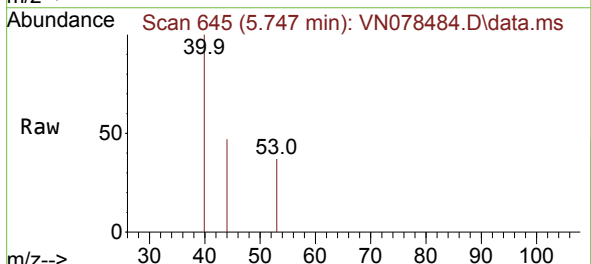
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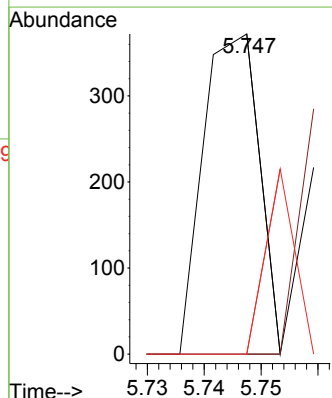
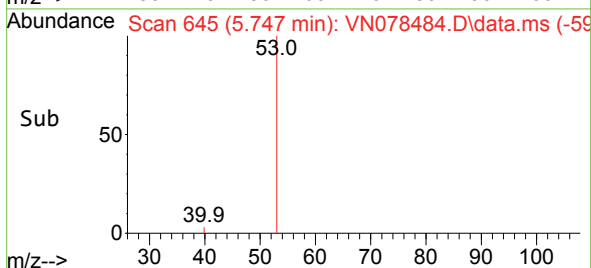
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 Ion Ratio Lower Upper
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 39 1240.6 58.8 88.2#
 76 0.0 39.1 58.7#

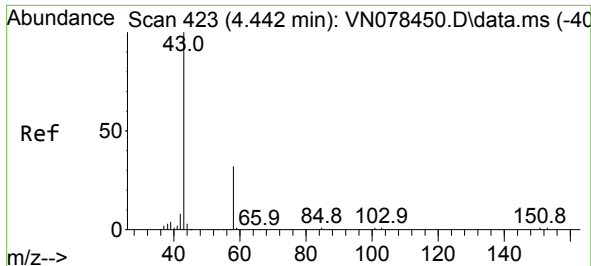


#15
 Acrylonitrile
 Concen: 0.115 ug/l
 RT: 5.747 min Scan# 645
 Delta R.T. 0.017 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58



Tgt Ion: 53 Resp: 254
 Ion Ratio Lower Upper
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 52 0.0 65.3 97.9#
 51 0.0 28.9 43.3#

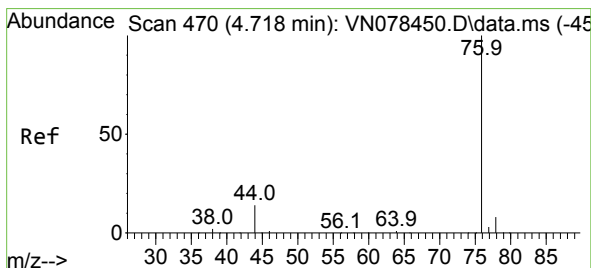
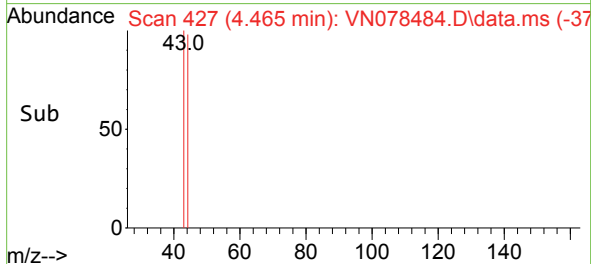
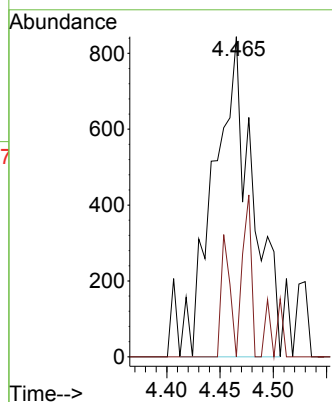
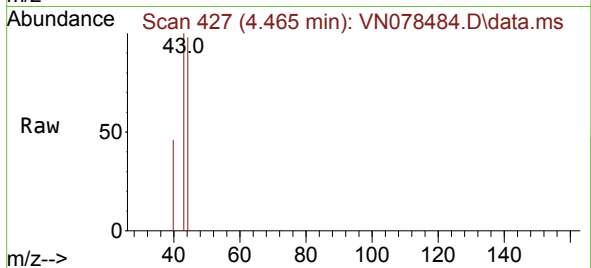




#16
Acetone
Concen: 1.206 ug/l
RT: 4.465 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

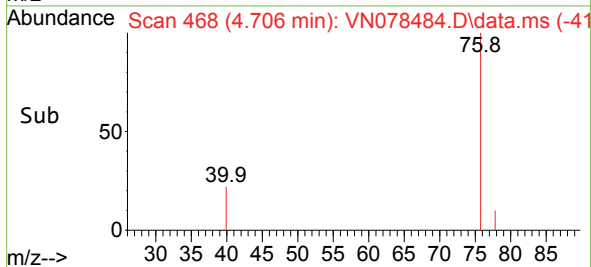
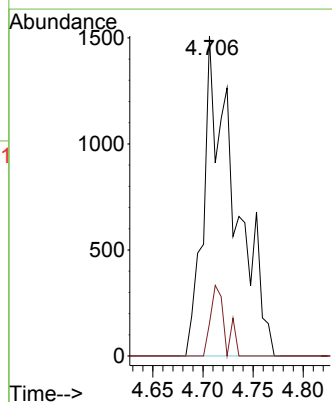
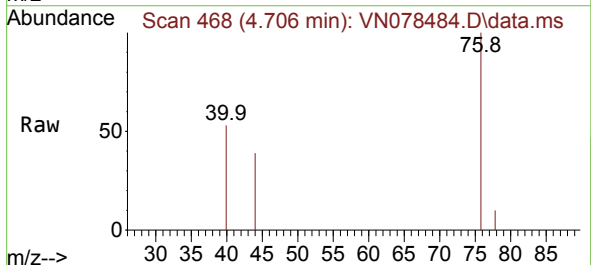
Instrument :
MSVOA_N
ClientSampleId :
50057

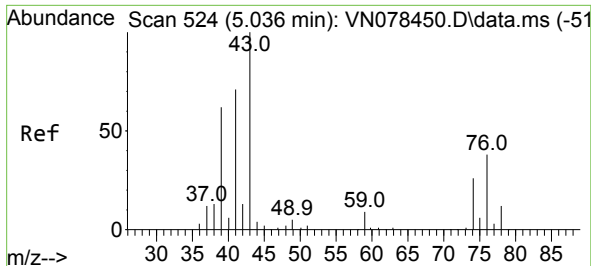
Tgt Ion: 43 Resp: 2137
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.012 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 76 Resp: 3246
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

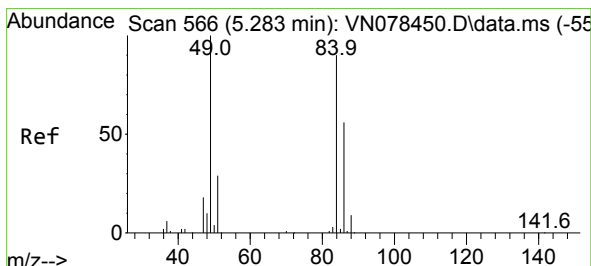
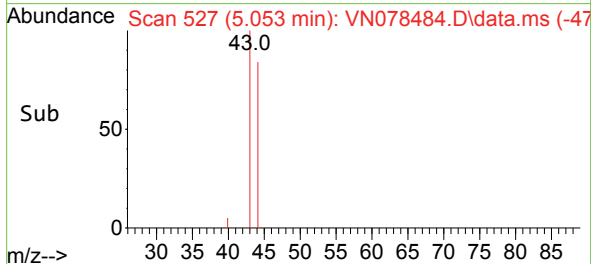
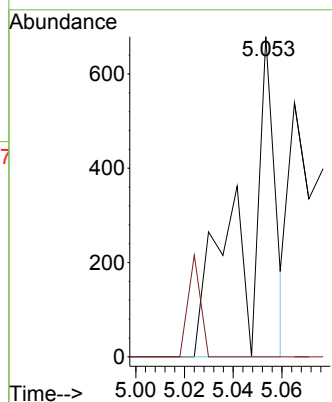
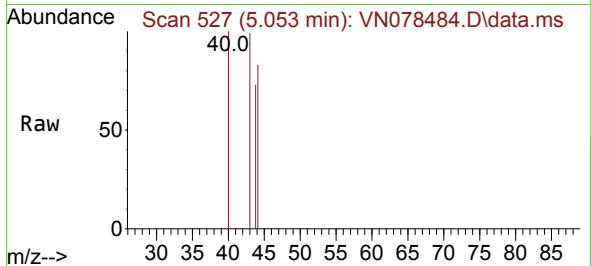




#18
Methyl Acetate
Concen: 0.080 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

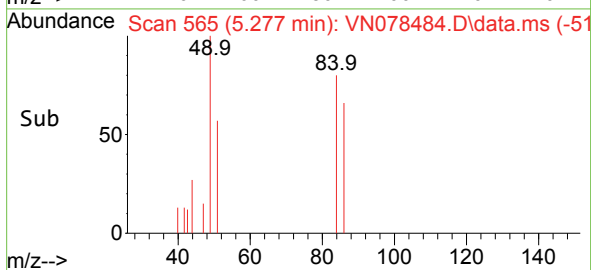
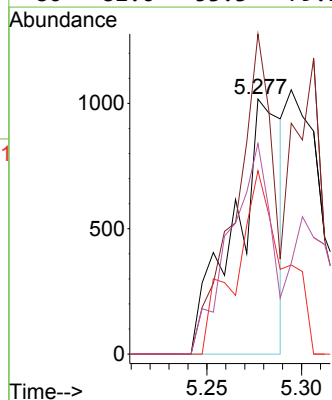
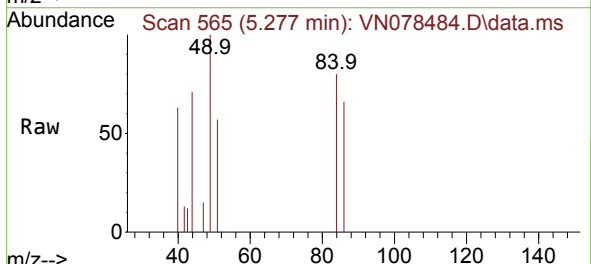
Instrument :
MSVOA_N
ClientSampleId :
50057

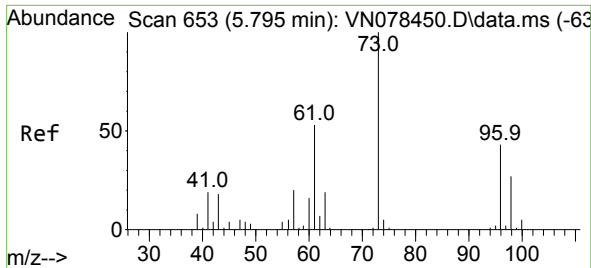
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 84 Resp: 1743
Ion Ratio Lower Upper
84 100
49 125.6 79.7 119.5#
51 71.9 25.2 37.8#
86 82.6 53.3 79.9#

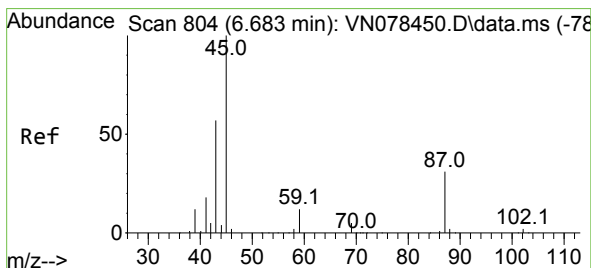
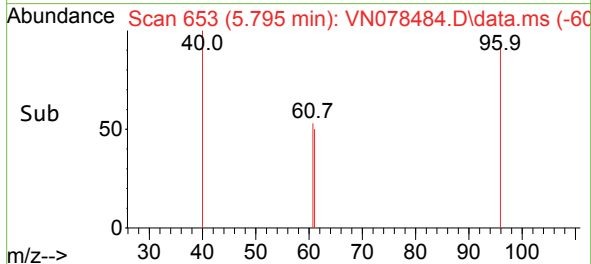
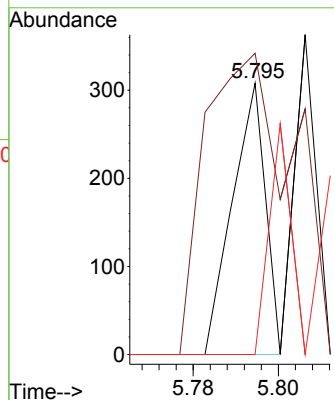
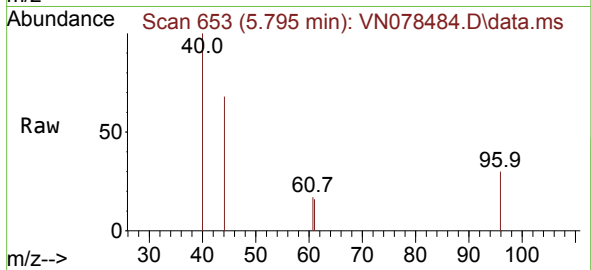




#21
trans-1,2-Dichloroethene
Concen: 0.033 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

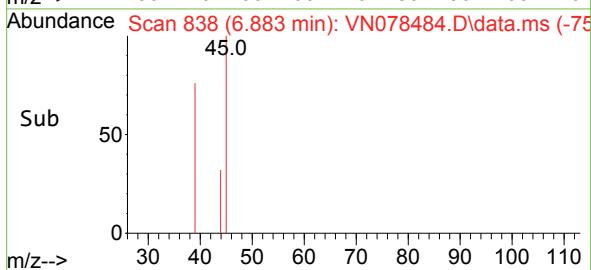
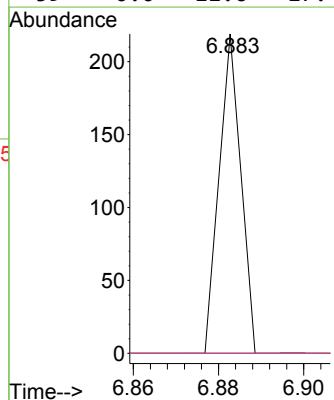
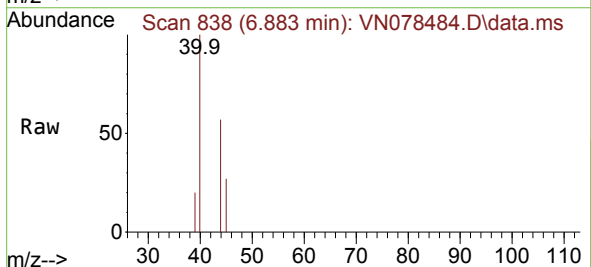
Instrument :
MSVOA_N
ClientSampleId :
50057

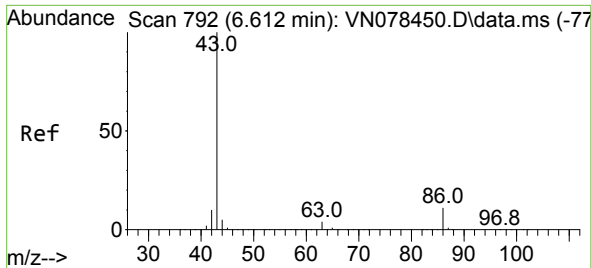
Tgt Ion: 96 Resp: 166
Ion Ratio Lower Upper
96 100
61 111.0 90.1 135.1
98 0.0 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.006 ug/l
RT: 6.683 min Scan# 838
Delta R.T. 0.200 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 45 Resp: 77
Ion Ratio Lower Upper
45 100
43 0.0 45.5 68.3#
87 0.0 31.8 47.8#
59 0.0 11.6 17.4#

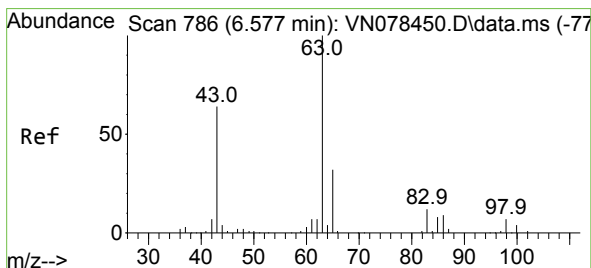
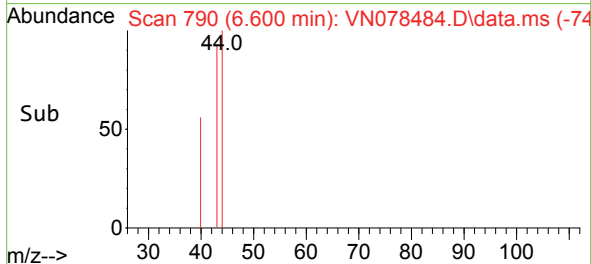
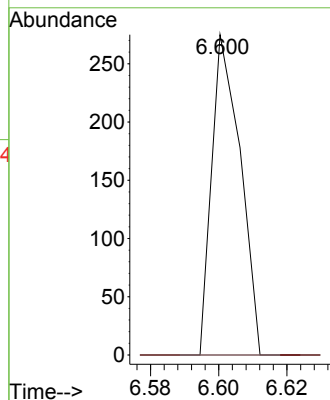
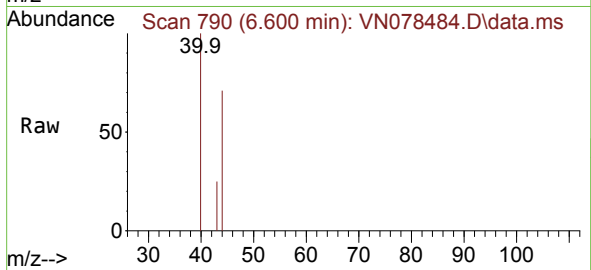




#23
 Vinyl Acetate
 Concen: 0.018 ug/l
 RT: 6.600 min Scan# 792
 Delta R.T. -0.012 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

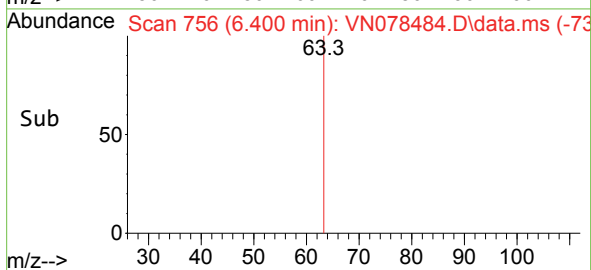
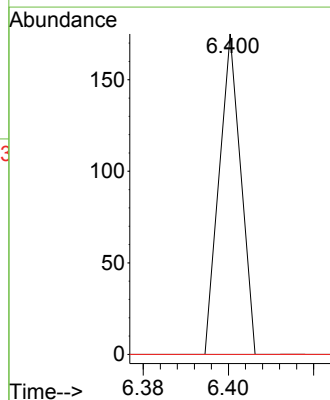
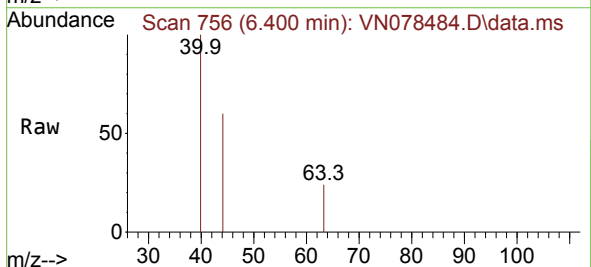
Instrument :
 MSVOA_N
 ClientSampleId :
 50057

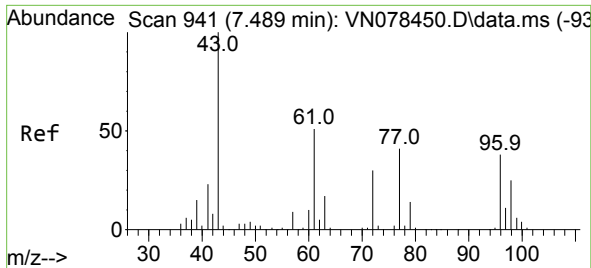
Tgt Ion: 43 Resp: 160
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.007 ug/l
 RT: 6.400 min Scan# 756
 Delta R.T. -0.177 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

Tgt Ion: 63 Resp: 62
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 0.280 ug/l

RT: 7.512 min Scan# 941

Delta R.T. 0.023 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

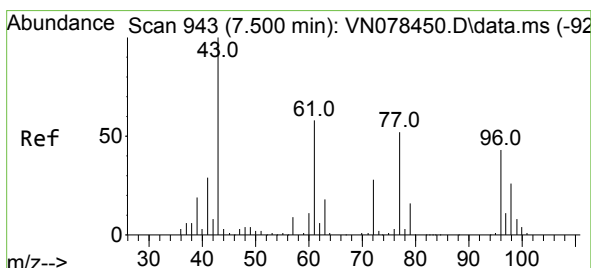
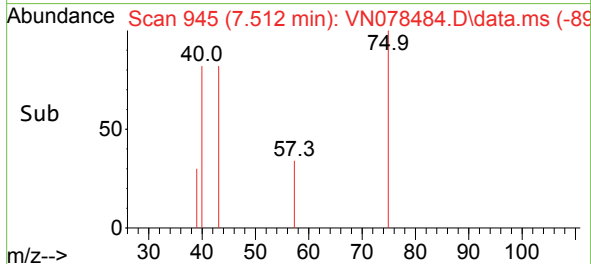
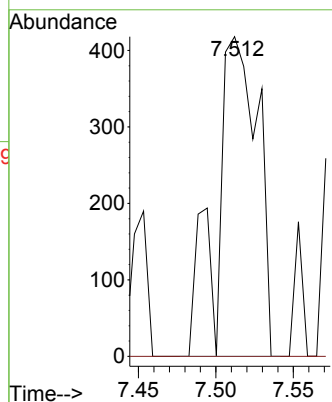
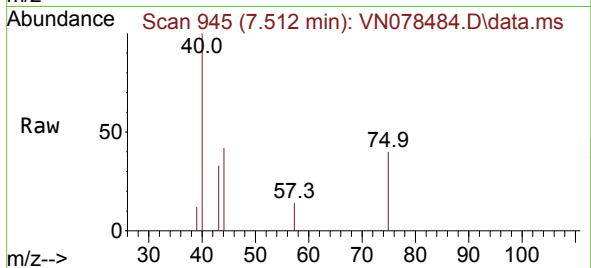
50057

Tgt Ion: 43 Resp: 780

Ion Ratio Lower Upper

43 100

72 0.0 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 0.008 ug/l

RT: 7.553 min Scan# 952

Delta R.T. 0.053 min

Lab File: VN078484.D

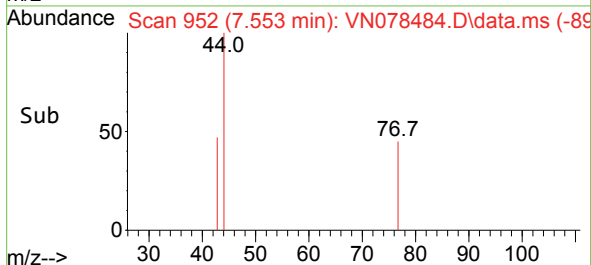
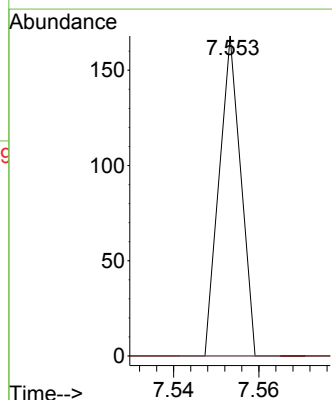
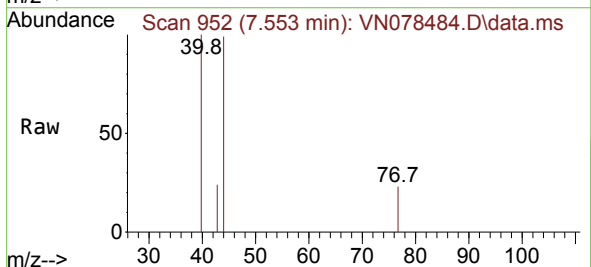
Acq: 12 Jul 2023 17:58

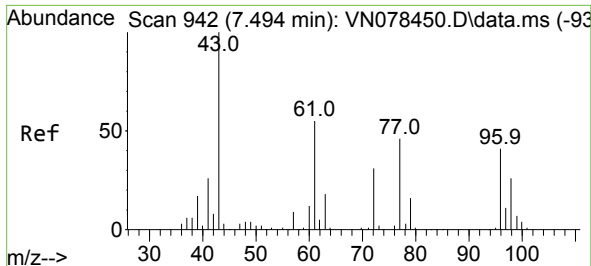
Tgt Ion: 77 Resp: 59

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#





#27

cis-1,2-Dichloroethene

Concen: 0.013 ug/l

RT: 7.494 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN078484.D

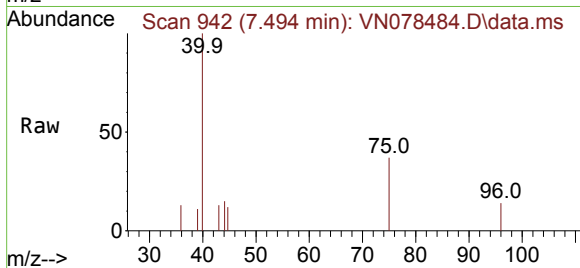
Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

50057



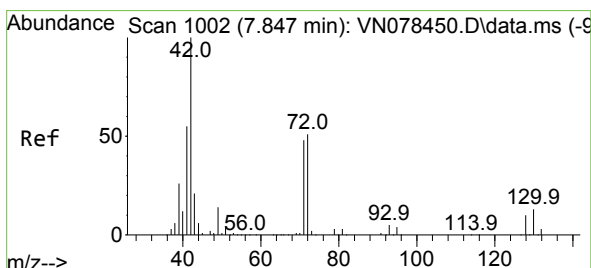
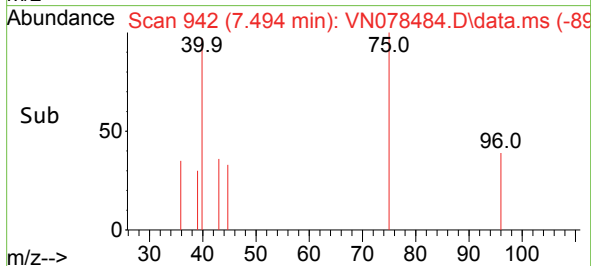
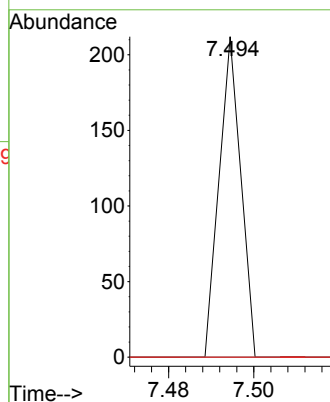
Tgt Ion: 96 Resp: 75

Ion Ratio Lower Upper

96 100

61 0.0 0.0 255.2

98 0.0 0.0 128.8



#29

Tetrahydrofuran

Concen: 0.225 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.018 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

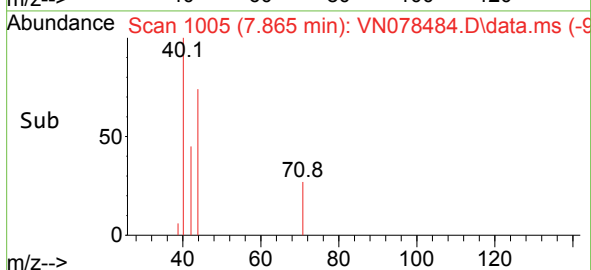
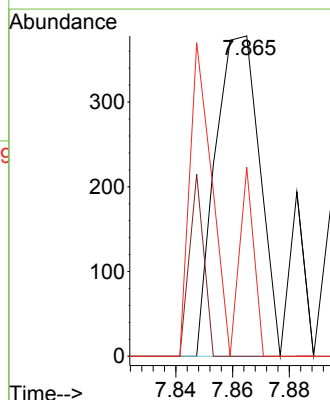
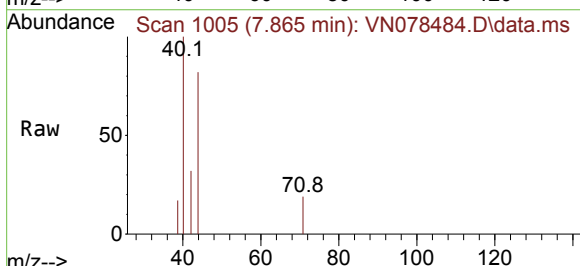
Tgt Ion: 42 Resp: 411

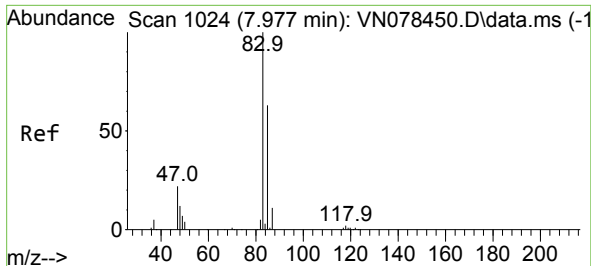
Ion Ratio Lower Upper

42 100

72 18.5 49.8 74.6#

71 48.4 47.4 71.2

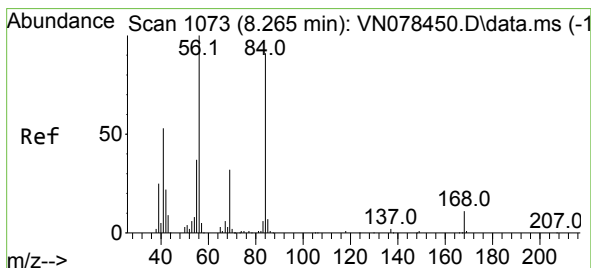
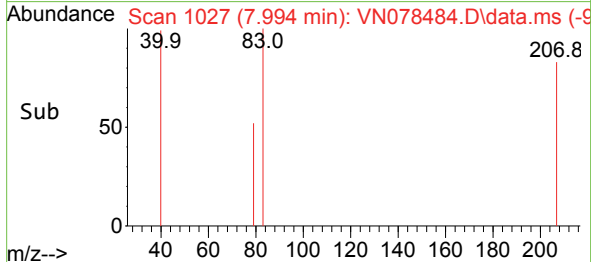
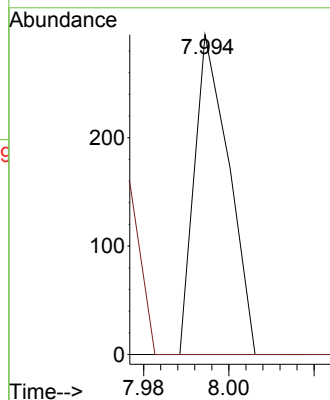
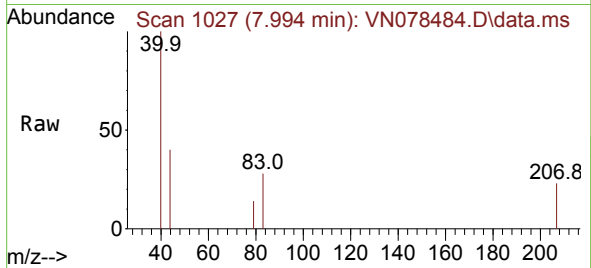




#30
Chloroform
Concen: 0.017 ug/l
RT: 7.994 min Scan# 1027
Delta R.T. 0.017 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

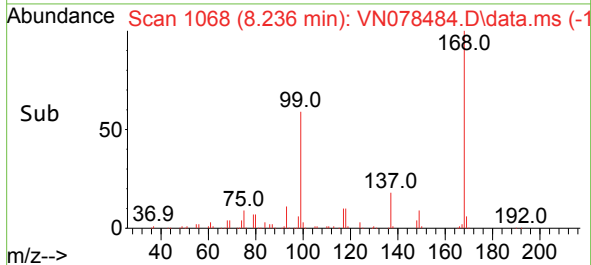
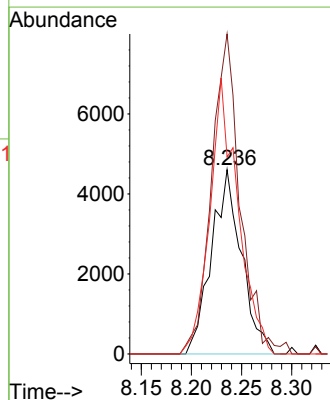
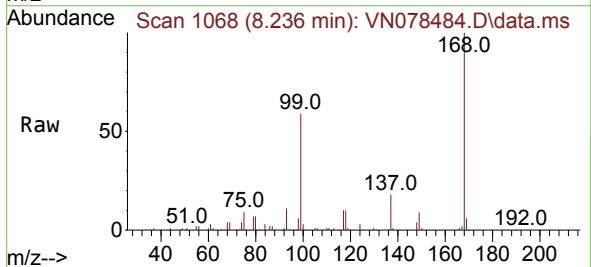
Instrument :
MSVOA_N
ClientSampleId :
50057

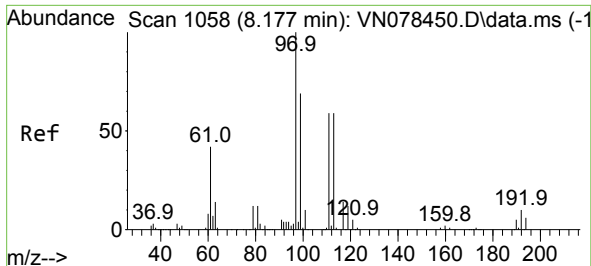
Tgt Ion: 83 Resp: 165
Ion Ratio Lower Upper
83 100
85 0.0 55.4 83.0#



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 56 Resp: 9628
Ion Ratio Lower Upper
56 100
69 173.6 26.8 40.2#
84 106.9 81.8 122.6

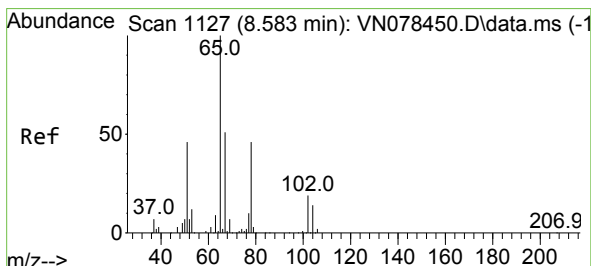
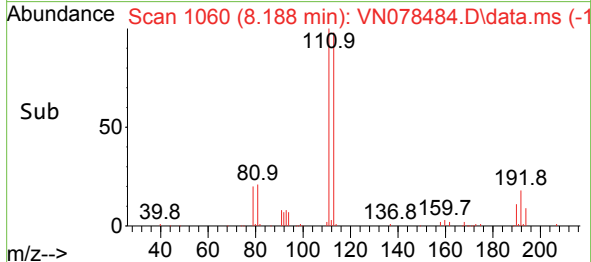
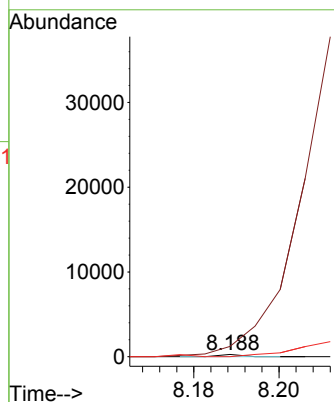
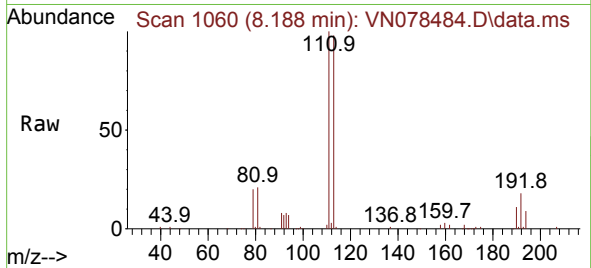




#32
 1,1,1-Trichloroethane
 Concen: 0.011 ug/l
 RT: 8.188 min Scan# 1105
 Delta R.T. 0.011 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

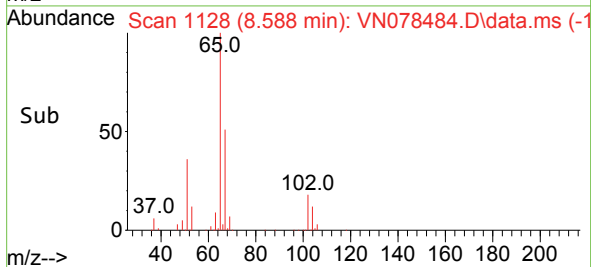
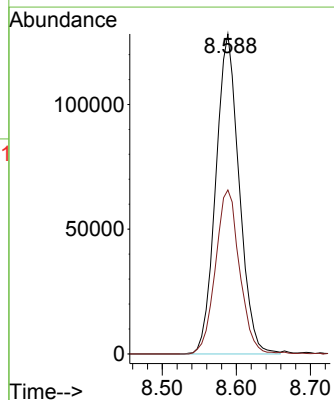
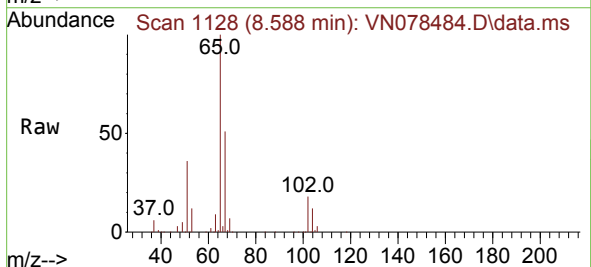
Instrument :
 MSVOA_N
 ClientSampleId :
 50057

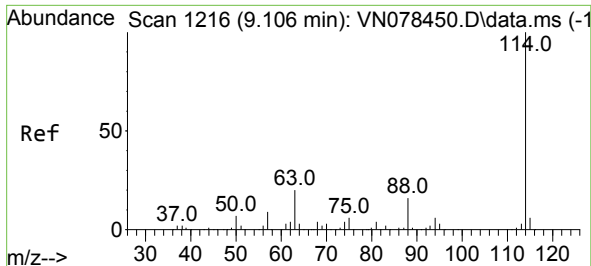
Tgt Ion: 97 Resp: 91
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.3 75.5#
 61 0.0 34.7 52.1#



#33
 1,2-Dichloroethane-d4
 Concen: 49.302 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.005 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

Tgt Ion: 65 Resp: 280366
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.6

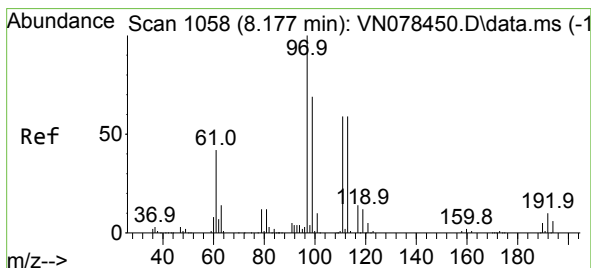
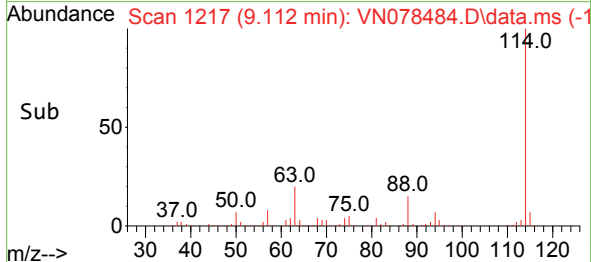
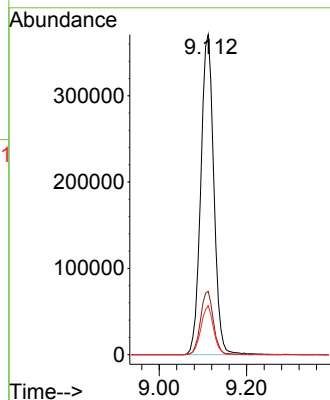
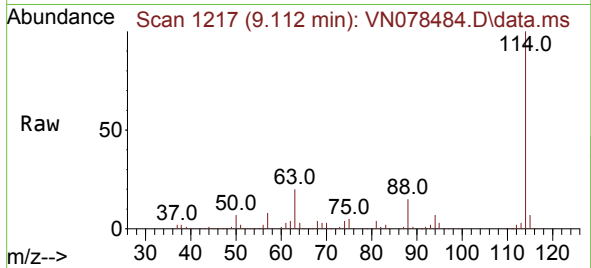




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

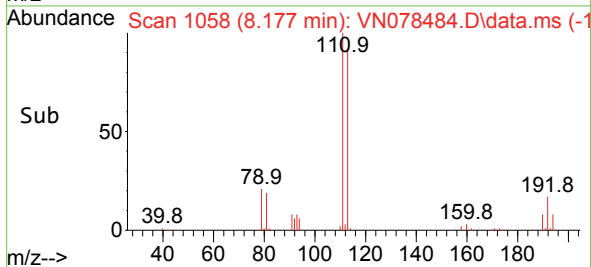
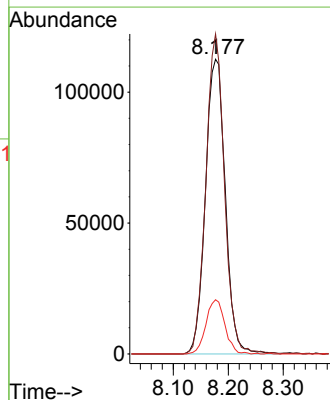
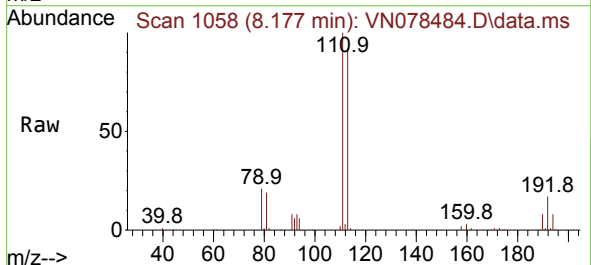
Instrument :
MSVOA_N
ClientSampleId :
50057

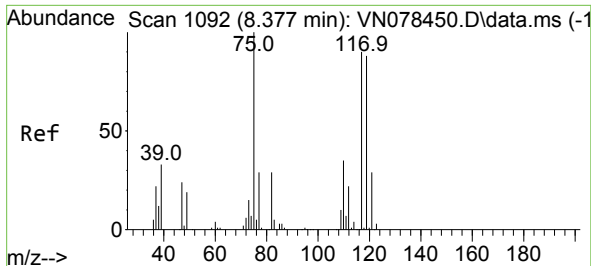
Tgt Ion:114 Resp: 769931
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.066 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion:113 Resp: 282577
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 17.5 12.7 19.1

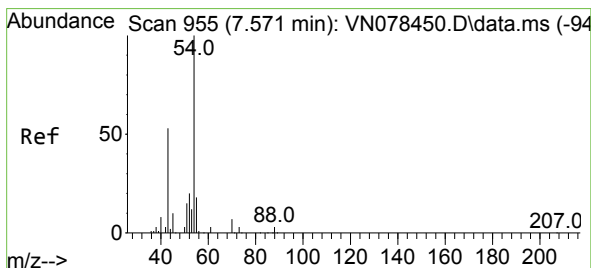
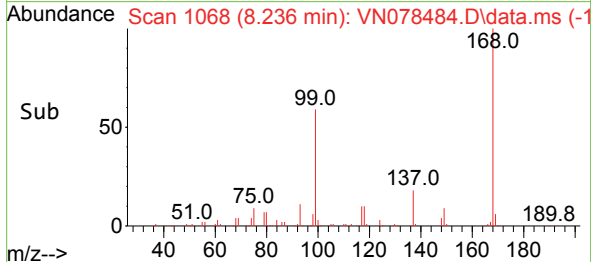
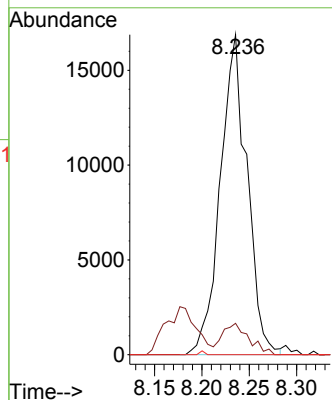
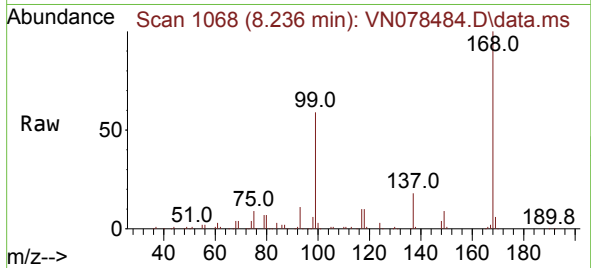




#36
1,1-Dichloropropene
Concen: 4.387 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

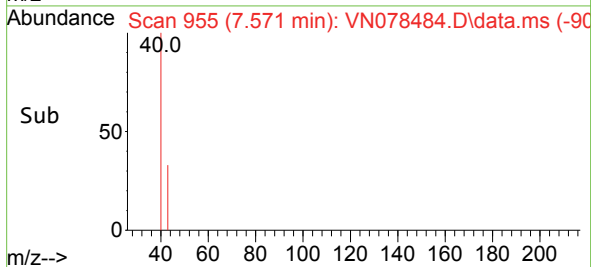
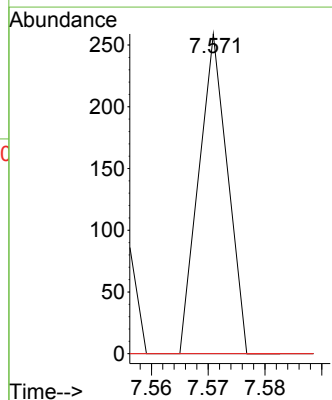
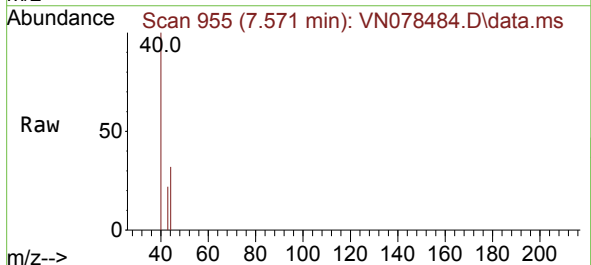
Instrument :
MSVOA_N
ClientSampleId :
50057

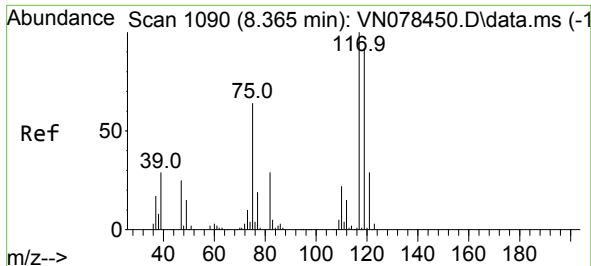
Tgt Ion: 75 Resp: 33107
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.014 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#

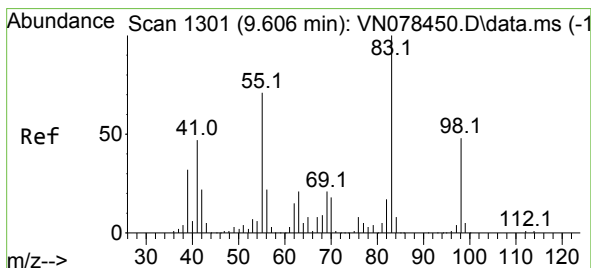
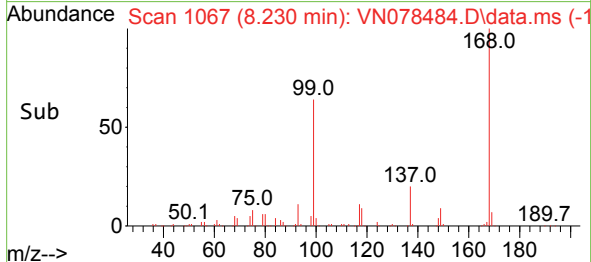
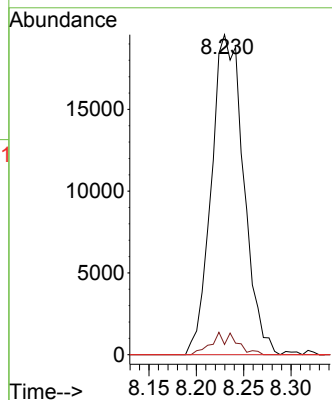
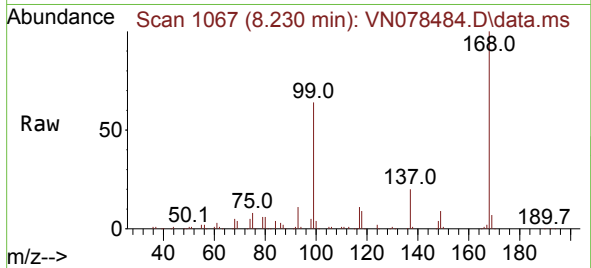




#38
Carbon Tetrachloride
Concen: 5.638 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

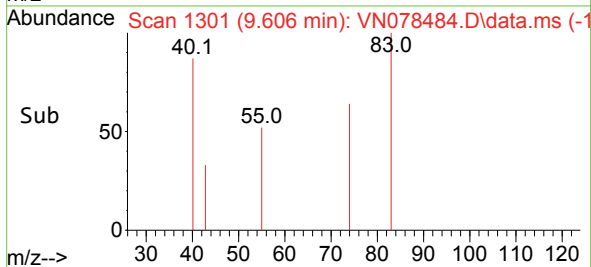
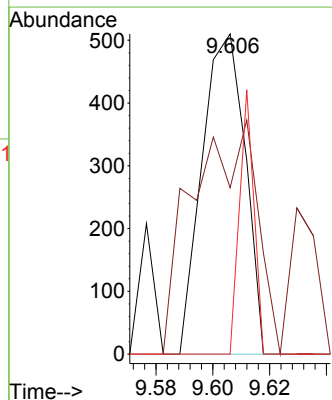
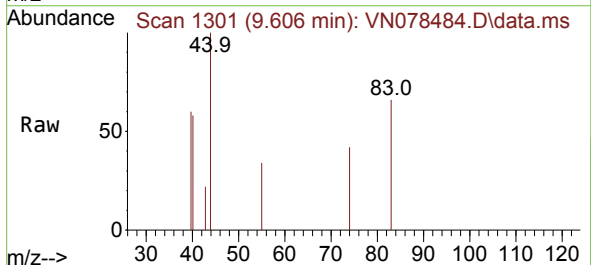
Instrument :
MSVOA_N
ClientSampleId :
50057

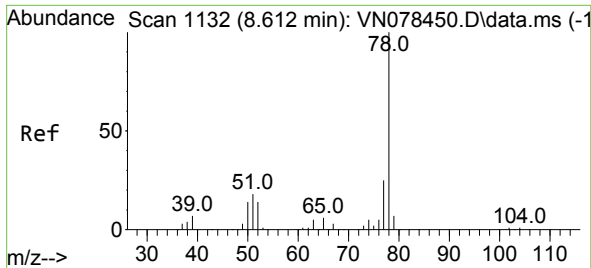
Tgt Ion:117 Resp: 46243
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.078 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 83 Resp: 536
Ion Ratio Lower Upper
83 100
55 52.0 49.1 73.7
98 0.0 40.6 61.0#





#40

Benzene

Concen: 0.032 ug/l

RT: 8.618 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

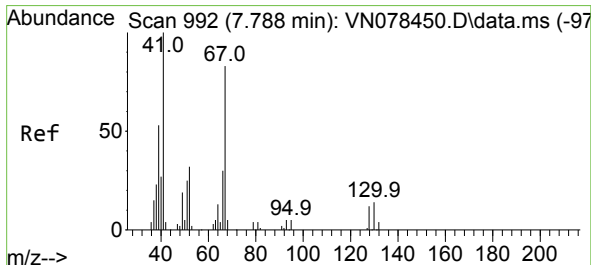
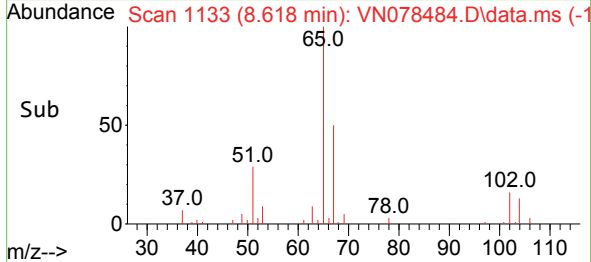
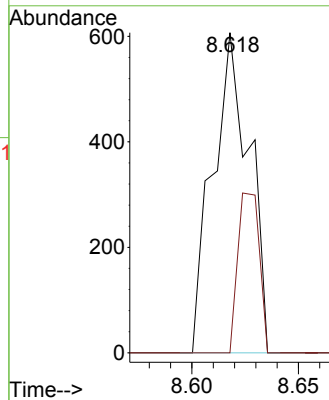
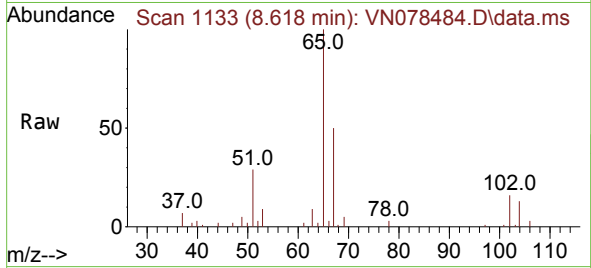
50057

Tgt Ion: 78 Resp: 724

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.6#



#41

Methacrylonitrile

Concen: 0.056 ug/l

RT: 7.806 min Scan# 995

Delta R.T. 0.018 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Tgt Ion: 41 Resp: 180

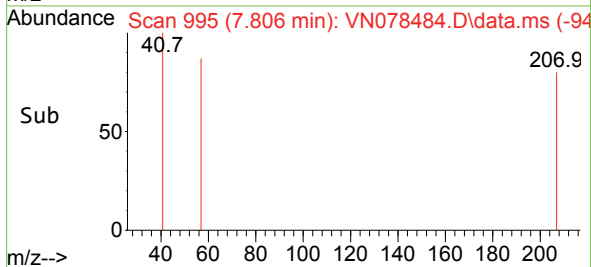
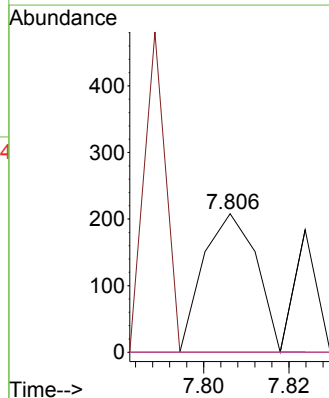
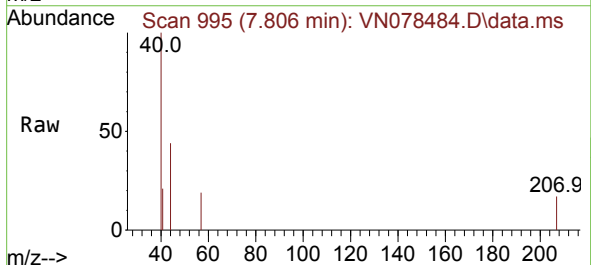
Ion Ratio Lower Upper

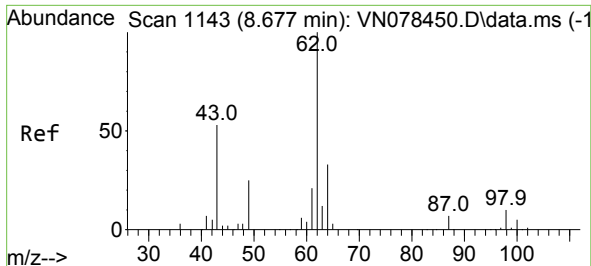
41 100

39 94.4 42.6 64.0#

67 0.0 77.5 116.3#

52 0.0 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.170 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

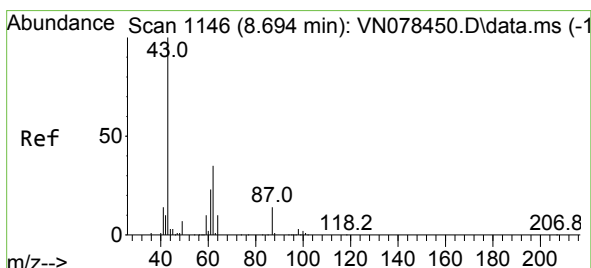
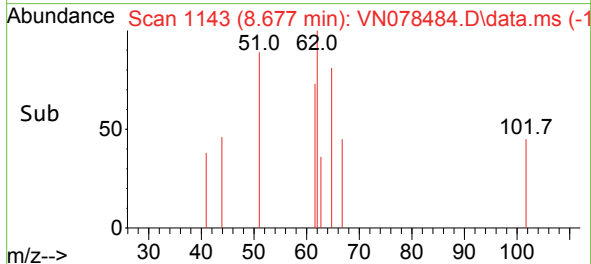
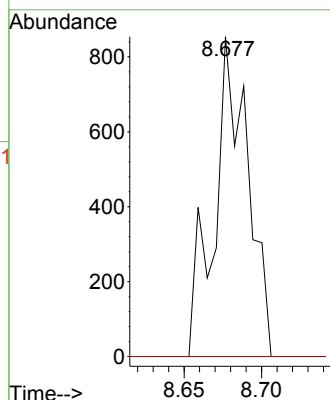
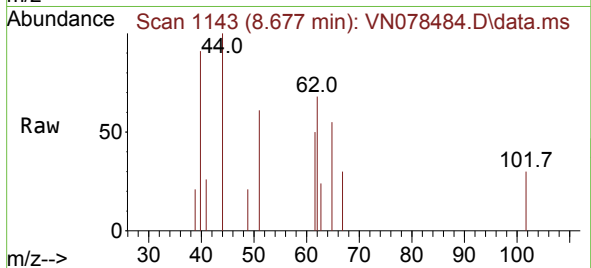
50057

Tgt Ion: 62 Resp: 1289

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.511 ug/l

RT: 8.788 min Scan# 1162

Delta R.T. 0.094 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

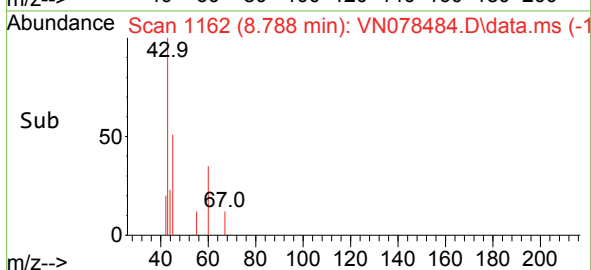
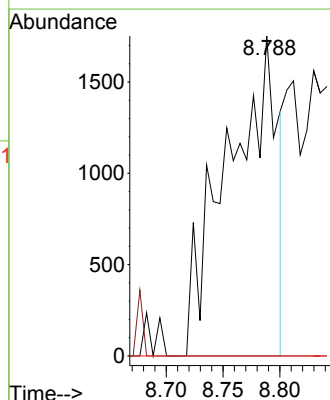
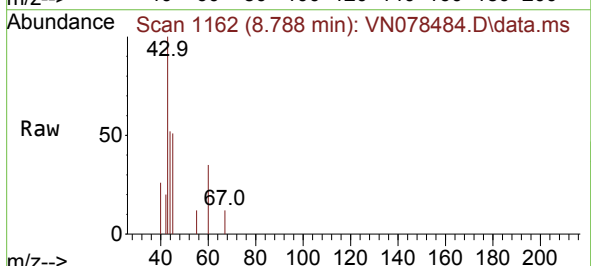
Tgt Ion: 43 Resp: 5293

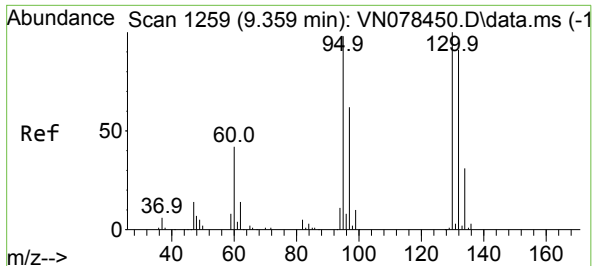
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

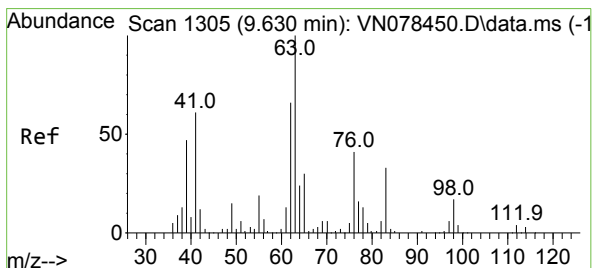
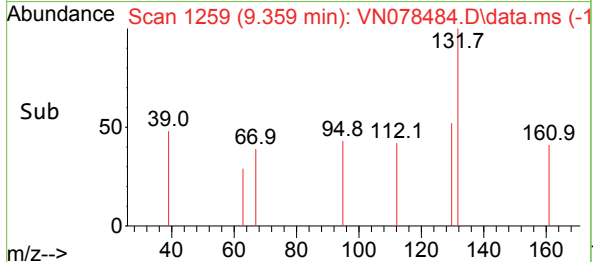
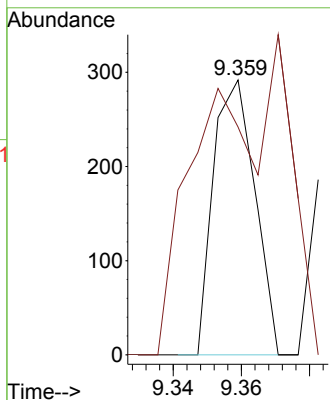
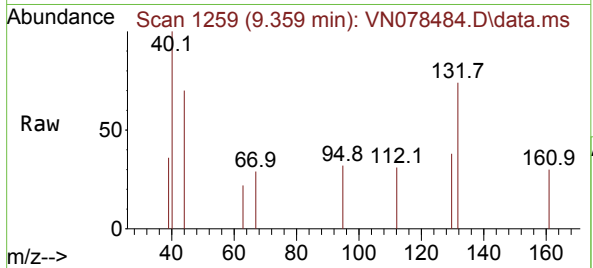




#44
Trichloroethene
Concen: 0.041 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

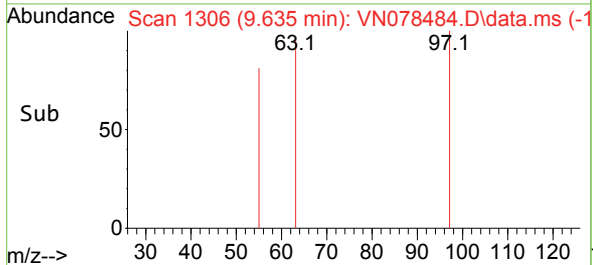
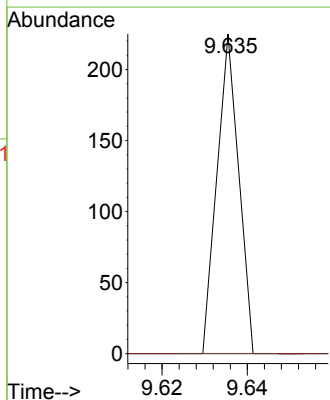
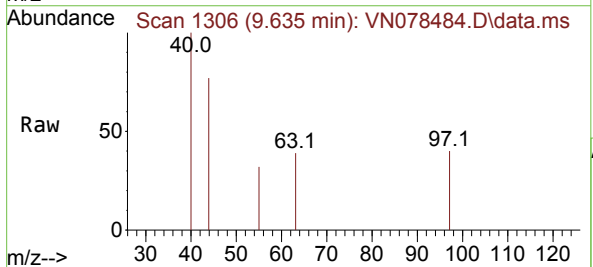
Instrument :
MSVOA_N
ClientSampleId :
50057

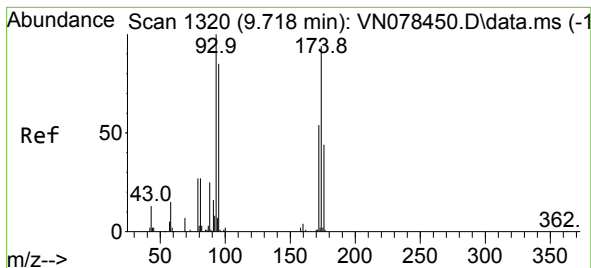
Tgt Ion:130 Resp: 246
Ion Ratio Lower Upper
130 100
95 22.9 0.0 204.6



#45
1,2-Dichloropropane
Concen: 0.014 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. 0.005 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 63 Resp: 79
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#





#46

Dibromomethane

Concen: 0.034 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

50057

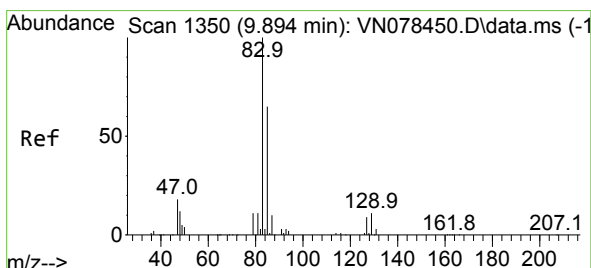
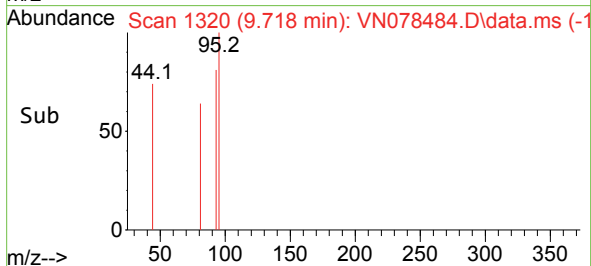
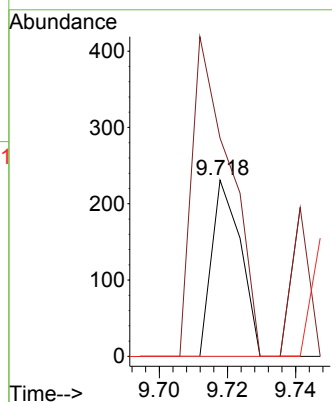
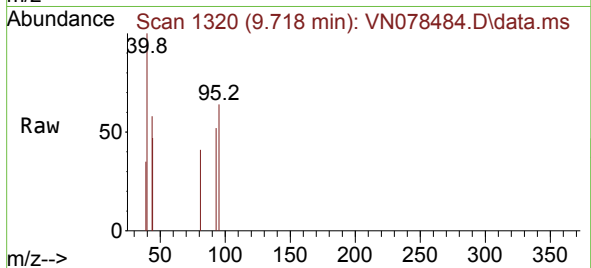
Tgt Ion: 93 Resp: 136

Ion Ratio Lower Upper

93 100

95 238.2 63.8 95.8#

174 0.0 65.6 98.4#



#47

Bromodichloromethane

Concen: 0.057 ug/l

RT: 9.900 min Scan# 1351

Delta R.T. 0.006 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

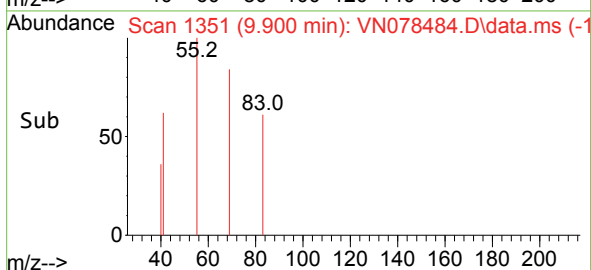
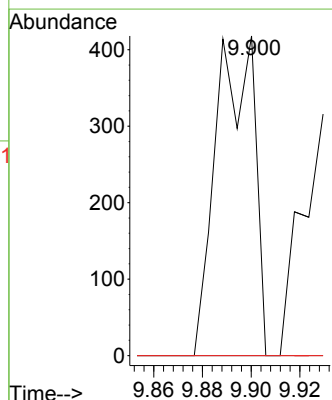
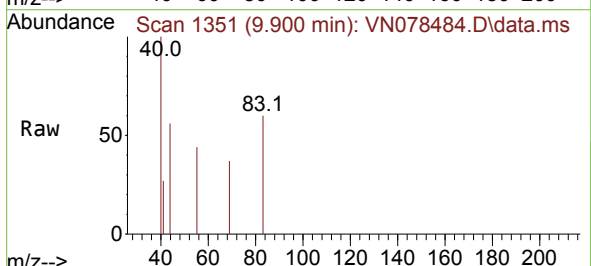
Tgt Ion: 83 Resp: 455

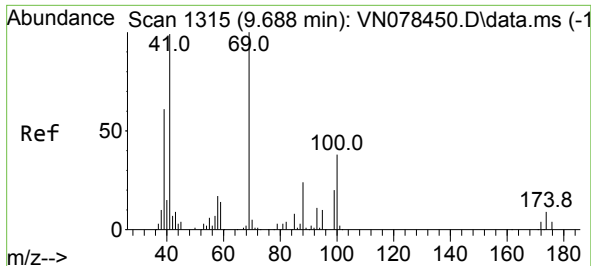
Ion Ratio Lower Upper

83 100

85 0.0 49.6 74.4#

127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 0.055 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

50057

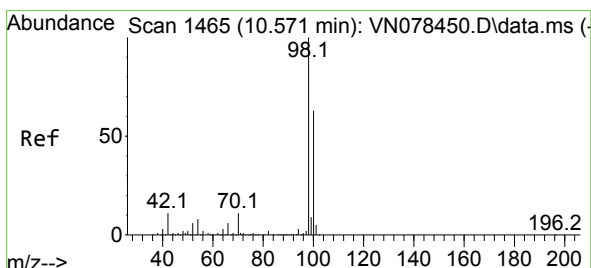
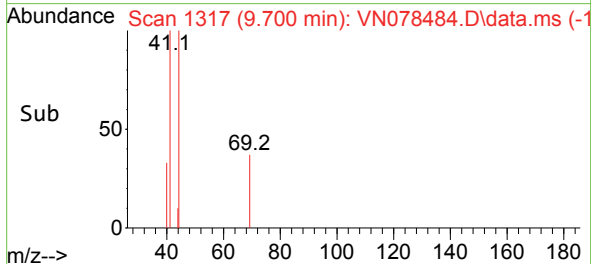
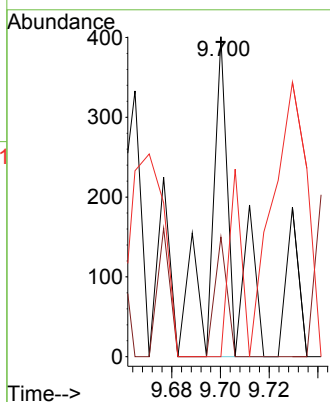
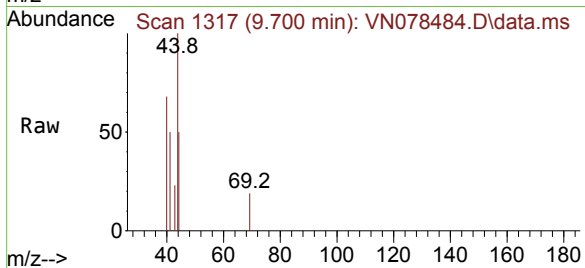
Tgt Ion: 41 Resp: 263

Ion Ratio Lower Upper

41 100

69 20.2 90.4 135.6#

39 31.6 54.6 81.8#



#50

Toluene-d8

Concen: 45.491 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078484.D

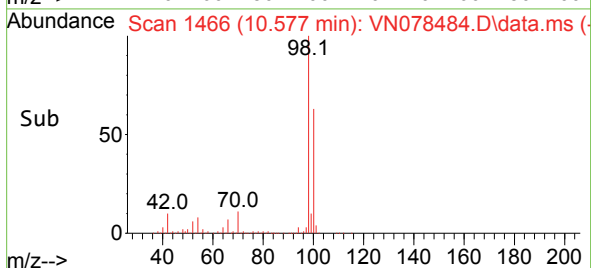
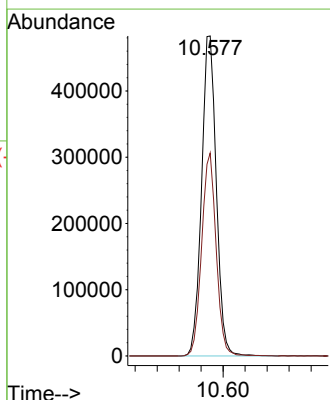
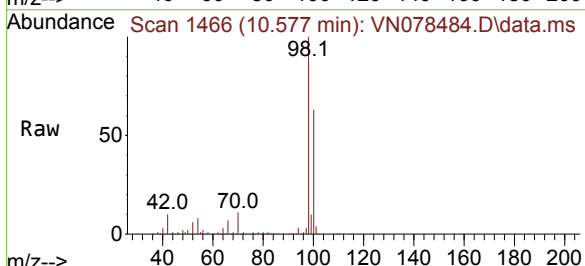
Acq: 12 Jul 2023 17:58

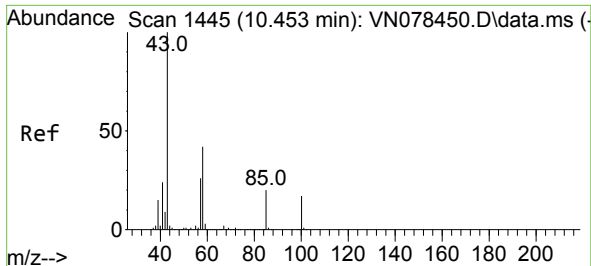
Tgt Ion: 98 Resp: 898189

Ion Ratio Lower Upper

98 100

100 62.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.244 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

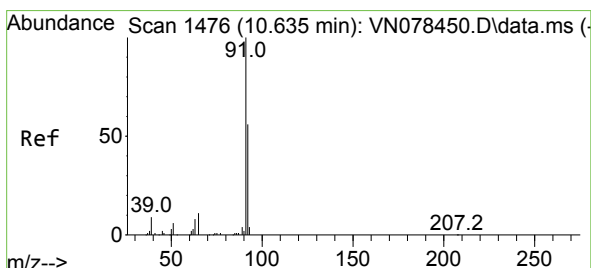
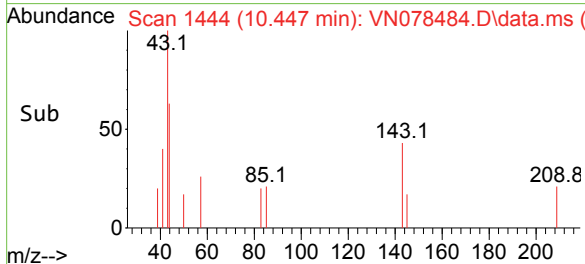
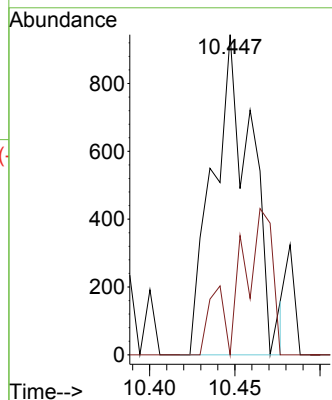
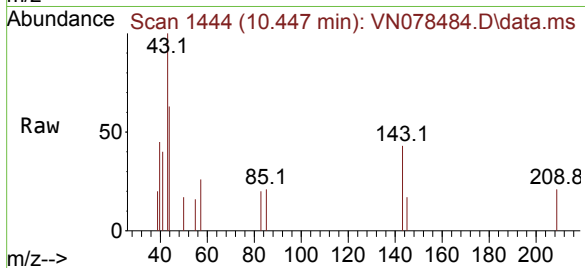
50057

Tgt Ion: 43 Resp: 1503

Ion Ratio Lower Upper

43 100

58 31.4 36.6 54.8#



#52

Toluene

Concen: 0.055 ug/l

RT: 10.641 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VN078484.D

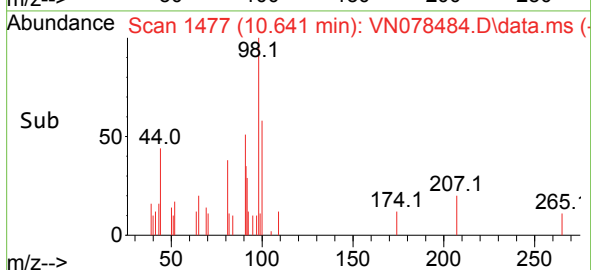
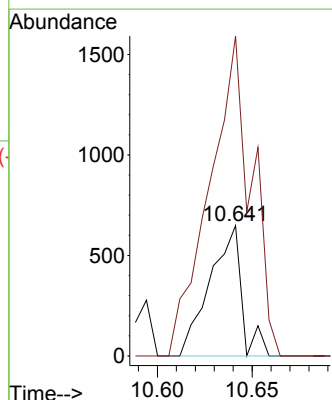
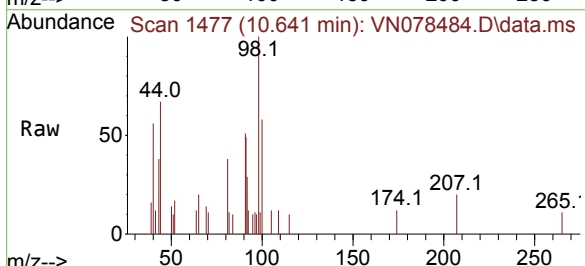
Acq: 12 Jul 2023 17:58

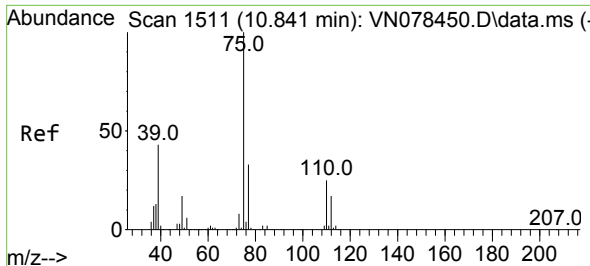
Tgt Ion: 92 Resp: 759

Ion Ratio Lower Upper

92 100

91 324.6 137.4 206.0#

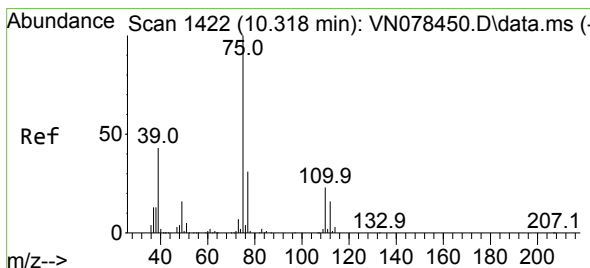
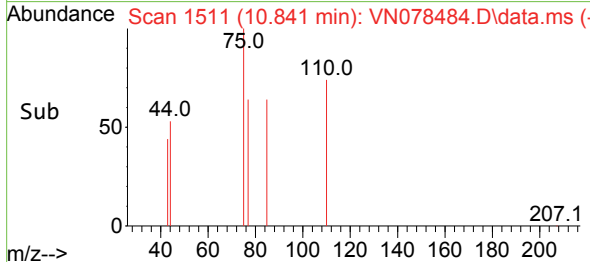
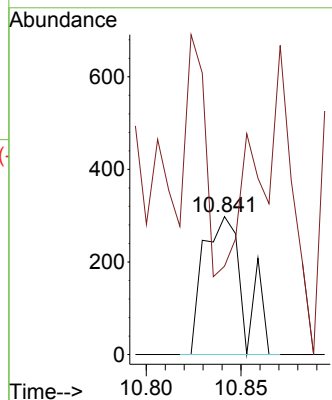
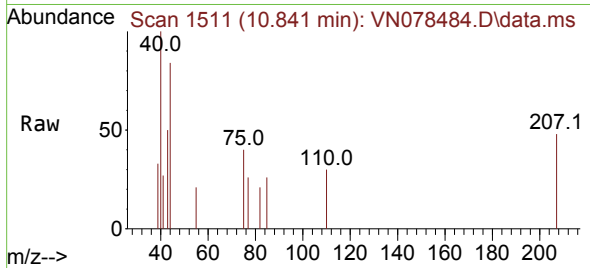




#53
 t-1,3-Dichloropropene
 Concen: 0.054 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

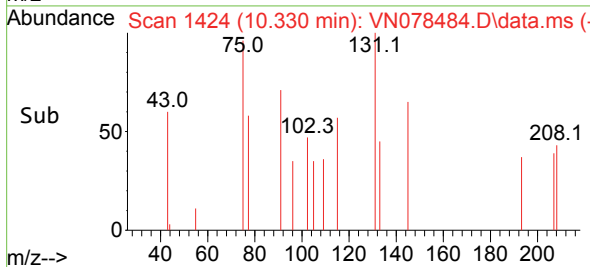
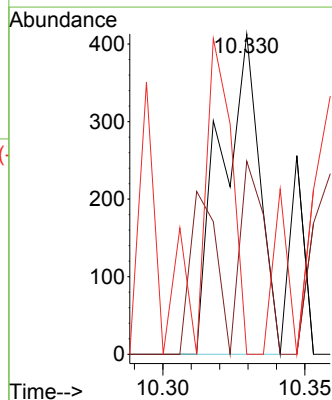
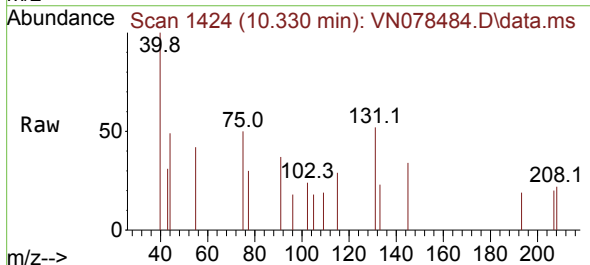
Instrument :
 MSVOA_N
 ClientSampleId :
 50057

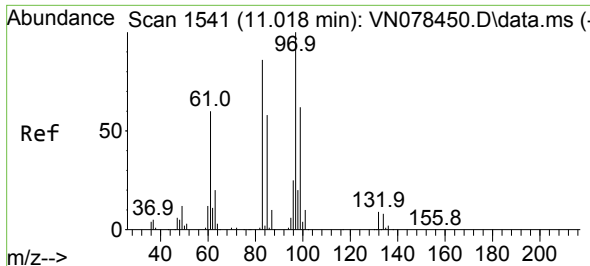
Tgt Ion: 75 Resp: 444
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.045 ug/l
 RT: 10.330 min Scan# 1424
 Delta R.T. 0.012 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

Tgt Ion: 75 Resp: 393
 Ion Ratio Lower Upper
 75 100
 77 60.3 26.1 39.1#
 39 0.0 31.6 47.4#

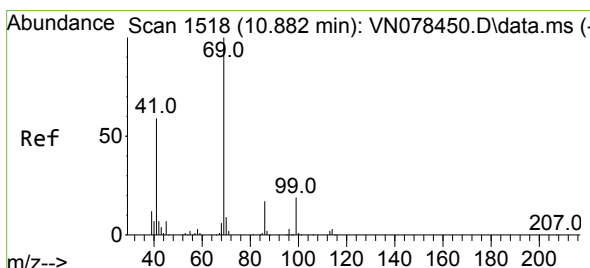
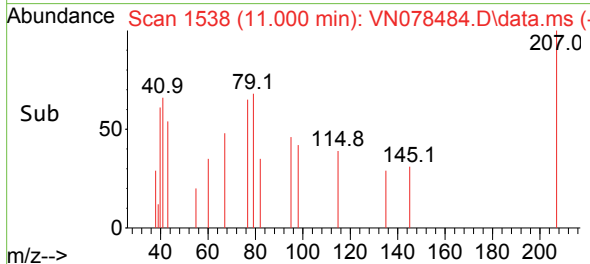
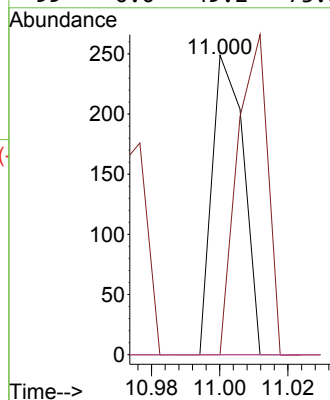
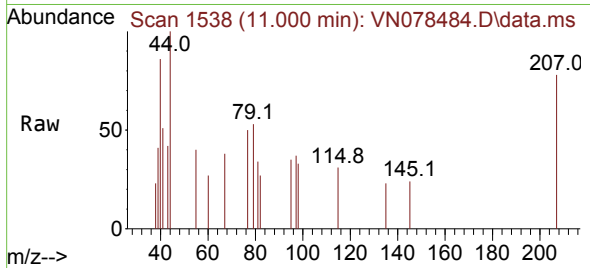




#55
1,1,2-Trichloroethane
Concen: 0.029 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.018 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

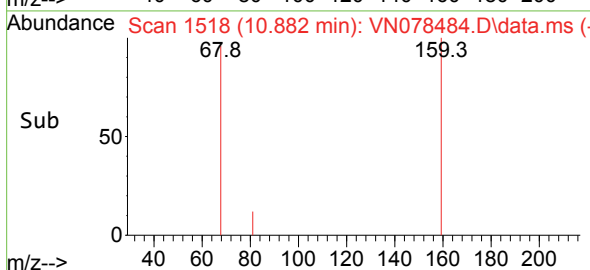
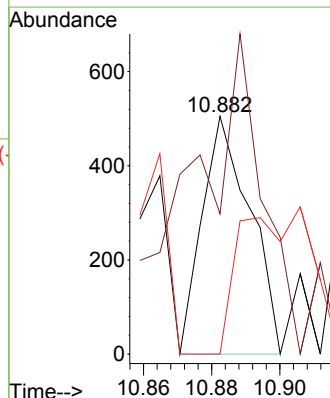
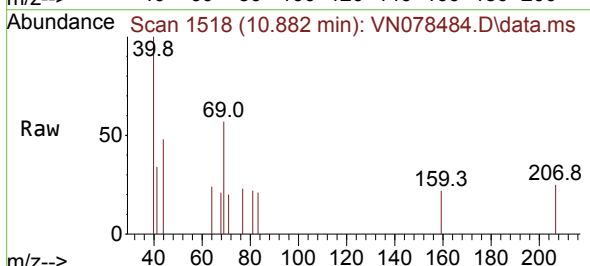
Instrument :
MSVOA_N
ClientSampleId :
50057

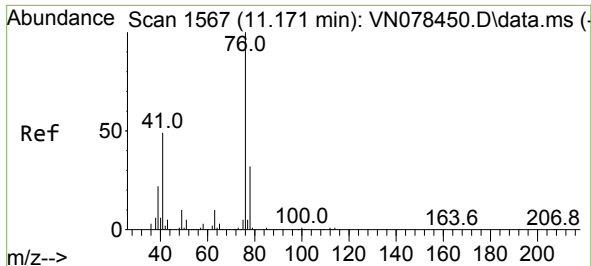
Tgt Ion: 97	Resp:	160
Ion	Ratio	Lower Upper
97	100	
83	0.0	65.1 97.7#
85	0.0	43.4 65.2#
99	0.0	49.2 73.8#



#56
Ethyl methacrylate
Concen: 0.064 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 69	Resp:	492
Ion	Ratio	Lower Upper
69	100	
41	199.2	39.6 59.4#
39	0.0	28.6 43.0#





#57

1,3-Dichloropropane

Concen: 0.020 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

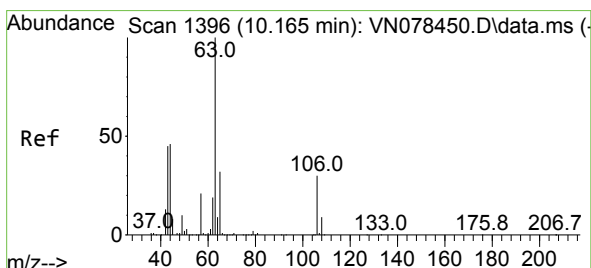
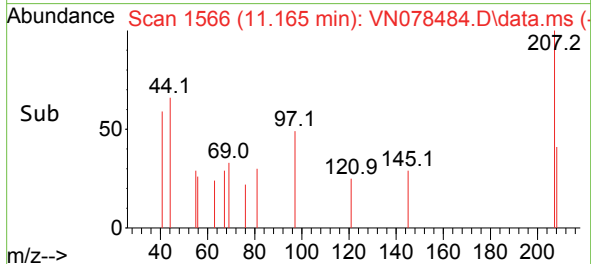
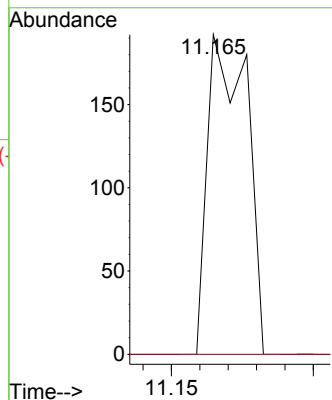
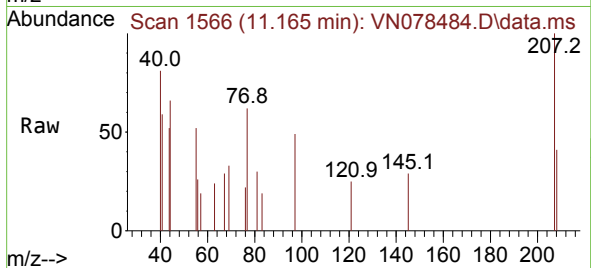
50057

Tgt Ion: 76 Resp: 185

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.072 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078484.D

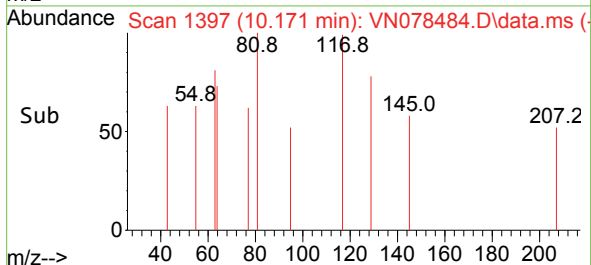
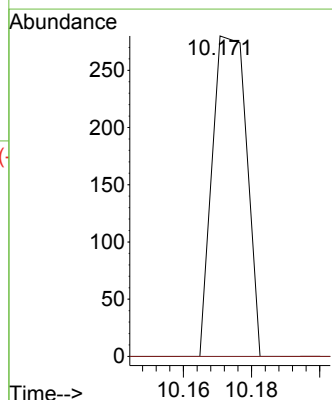
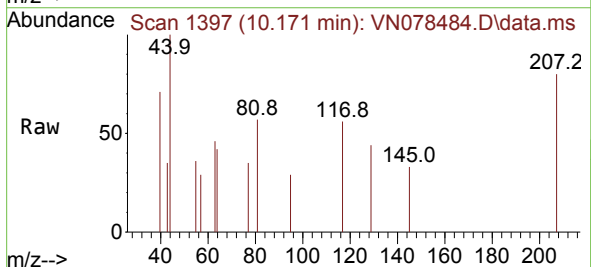
Acq: 12 Jul 2023 17:58

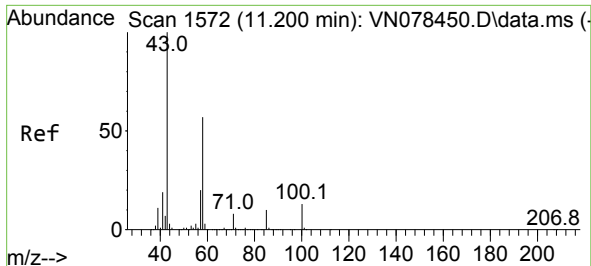
Tgt Ion: 63 Resp: 196

Ion Ratio Lower Upper

63 100

106 0.0 26.2 39.4#

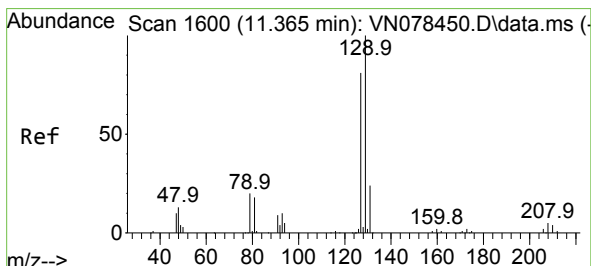
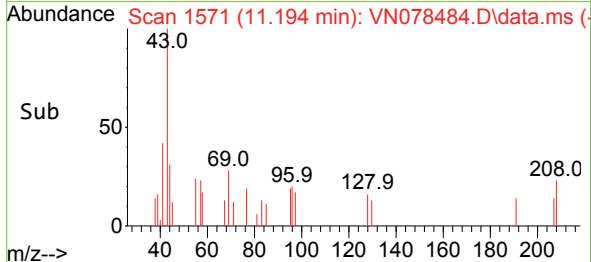
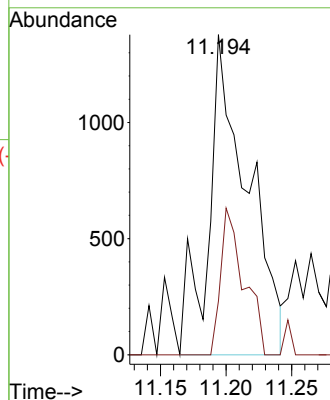
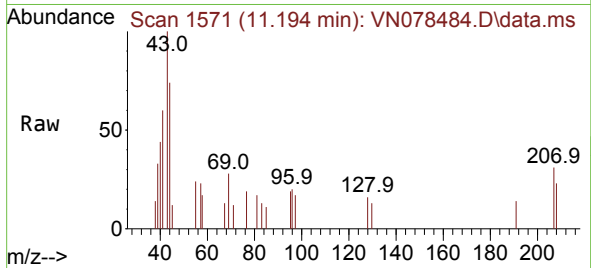




#59
2-Hexanone
Concen: 0.650 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

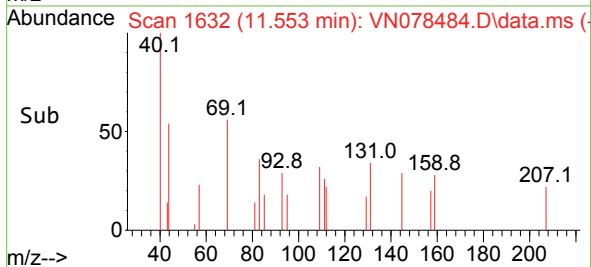
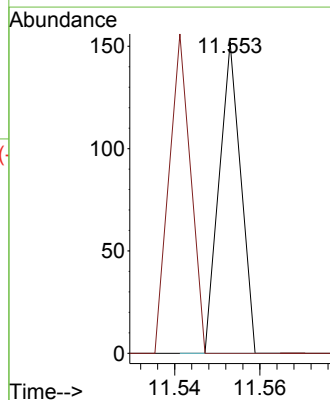
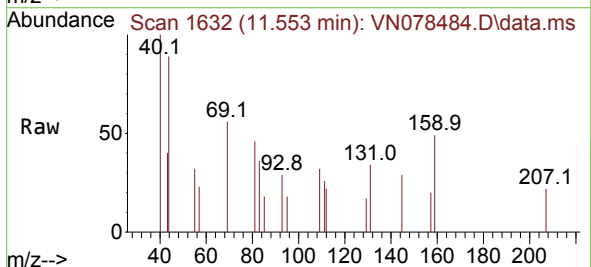
Instrument :
MSVOA_N
ClientSampleId :
50057

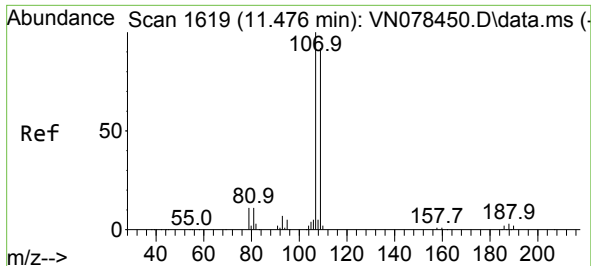
Tgt Ion: 43 Resp: 2847
Ion Ratio Lower Upper
43 100
58 27.4 31.7 95.1#



#60
Dibromochloromethane
Concen: 0.009 ug/l
RT: 11.553 min Scan# 1632
Delta R.T. 0.188 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 129 Resp: 54
Ion Ratio Lower Upper
129 100
127 101.9 38.6 116.0

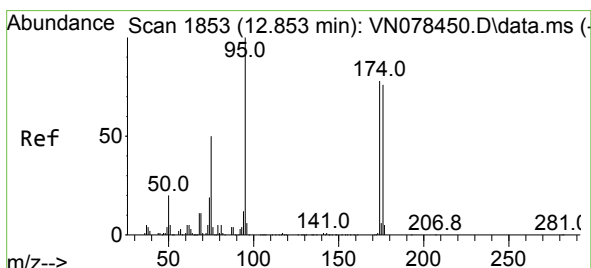
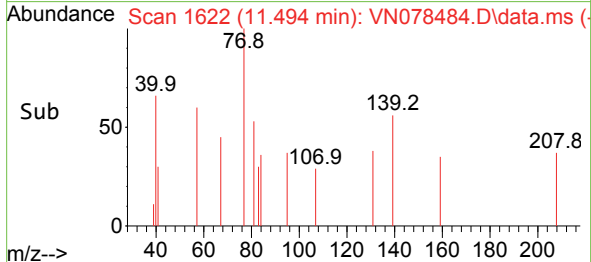
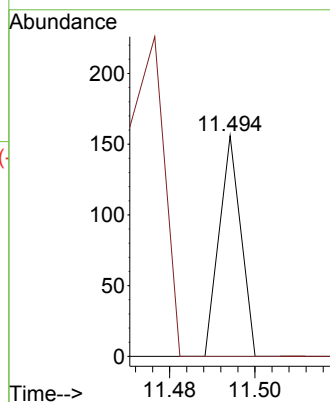
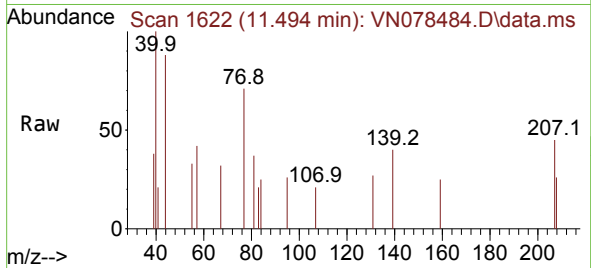




#61
1,2-Dibromoethane
Concen: 0.010 ug/l
RT: 11.494 min Scan# 1622
Delta R.T. 0.018 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

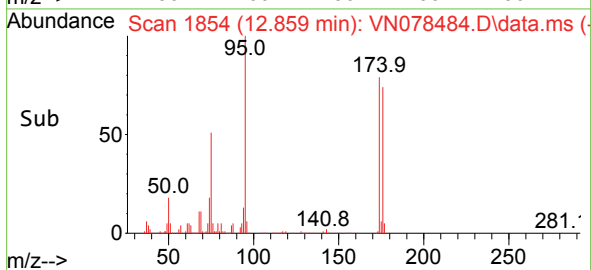
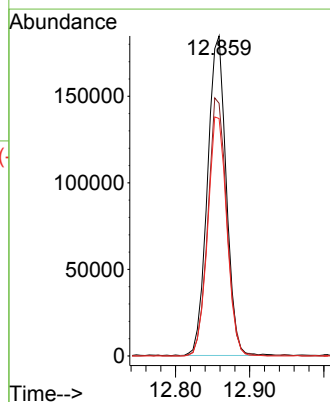
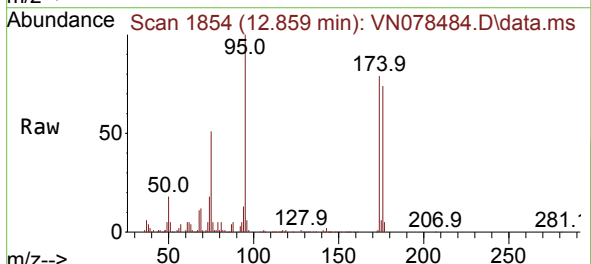
Instrument :
MSVOA_N
ClientSampleId :
50057

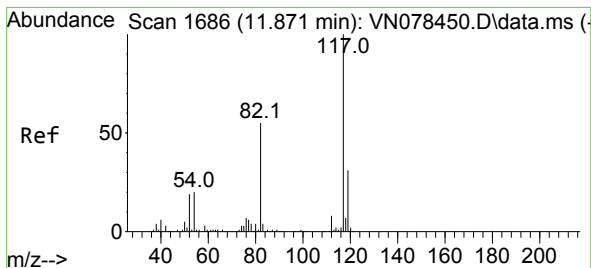
Tgt Ion:107 Resp: 55
Ion Ratio Lower Upper
107 100
109 249.1 76.6 114.8#



#62
4-Bromofluorobenzene
Concen: 53.326 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 95 Resp: 324313
Ion Ratio Lower Upper
95 100
174 81.0 0.0 143.8
176 76.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

50057

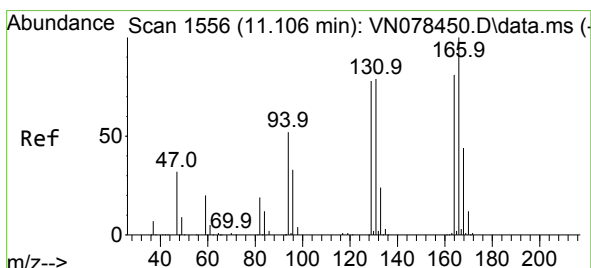
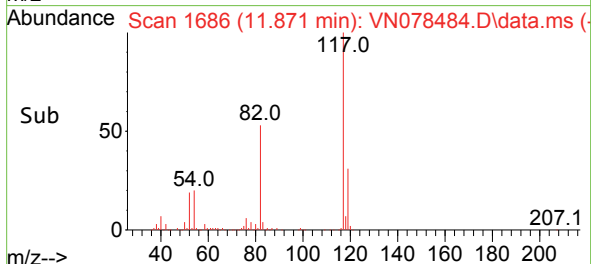
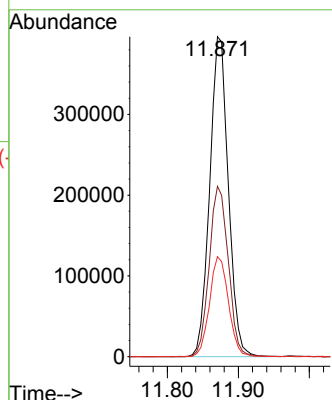
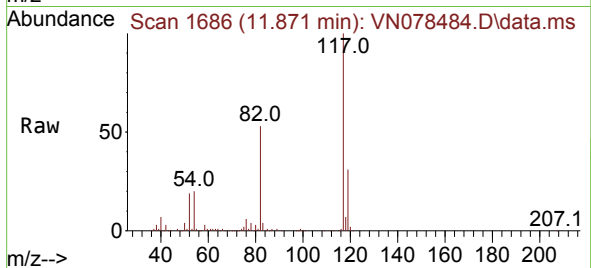
Tgt Ion:117 Resp: 720529

Ion Ratio Lower Upper

117 100

82 53.3 44.0 66.0

119 31.3 25.6 38.4



#64

Tetrachloroethene

Concen: 0.041 ug/l

RT: 11.118 min Scan# 1558

Delta R.T. 0.012 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Tgt Ion:164 Resp: 223

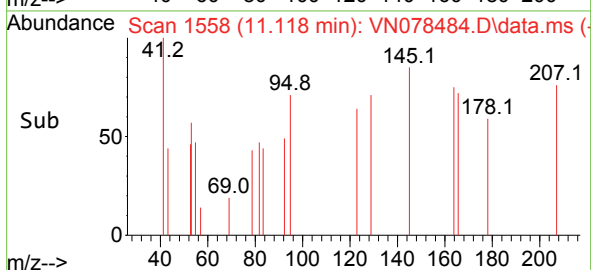
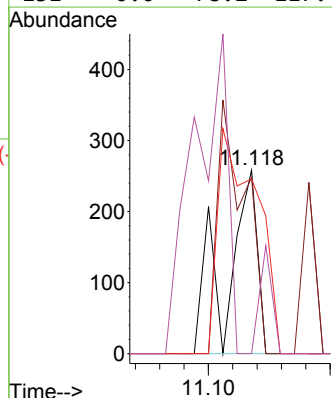
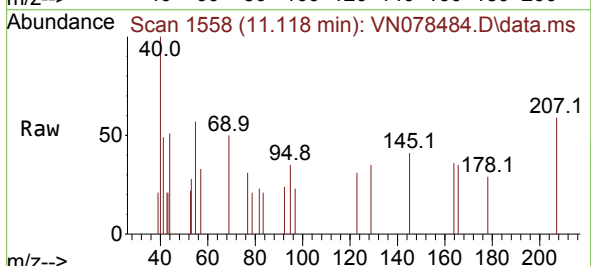
Ion Ratio Lower Upper

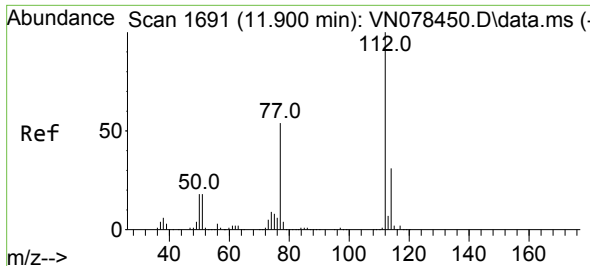
164 100

166 96.1 101.4 152.0#

129 95.3 82.4 123.6

131 0.0 78.2 117.4#

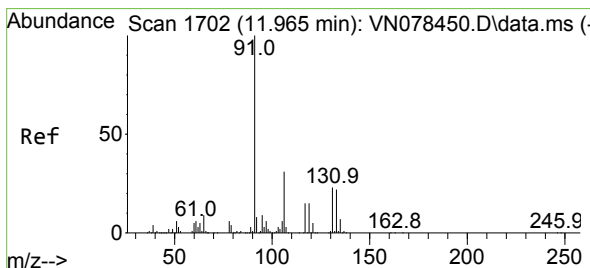
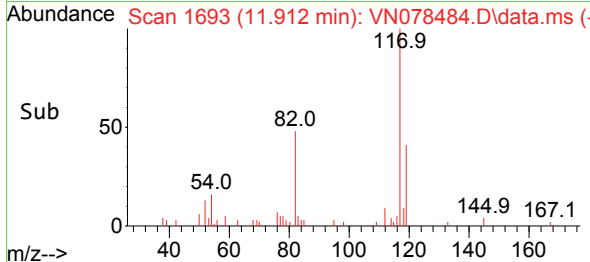
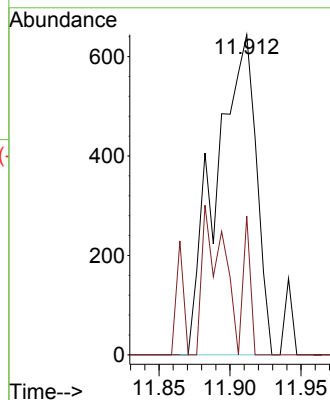
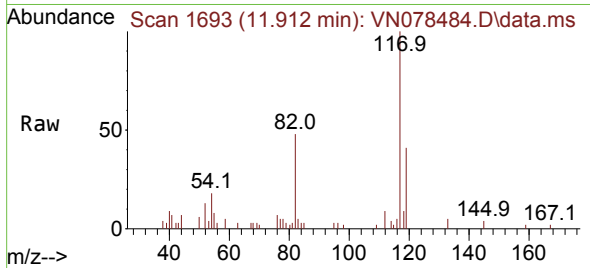




#65
Chlorobenzene
Concen: 0.078 ug/l
RT: 11.912 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

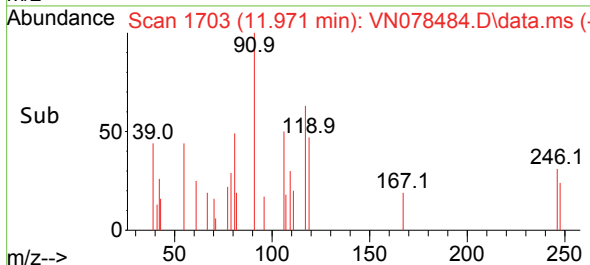
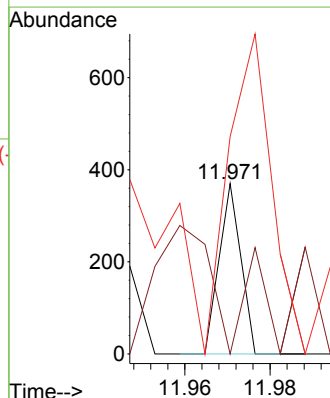
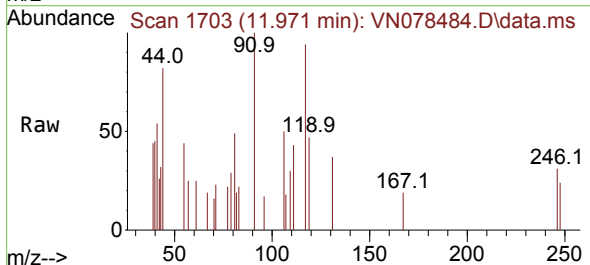
Instrument :
MSVOA_N
ClientSampleId :
50057

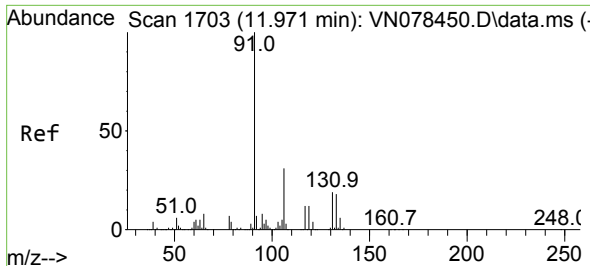
Tgt Ion:112 Resp: 1263
Ion Ratio Lower Upper
112 100
114 43.3 25.0 37.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.021 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion:131 Resp: 131
Ion Ratio Lower Upper
131 100
133 190.8 46.4 139.1#
119 0.0 34.1 102.2#

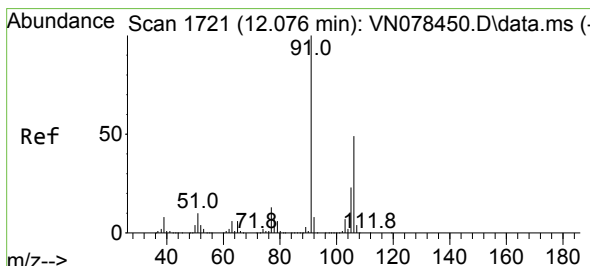
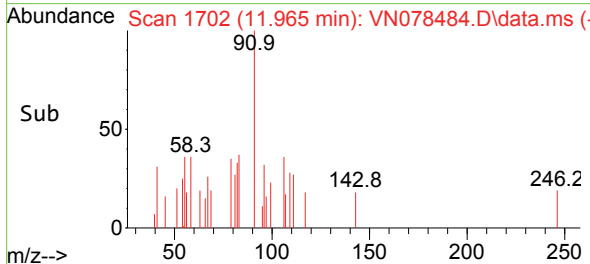
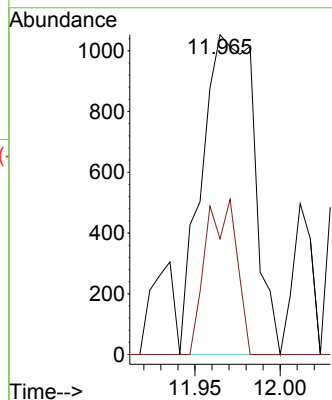
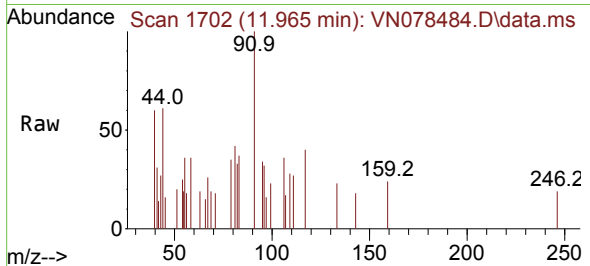




#67
Ethyl Benzene
Concen: 0.082 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

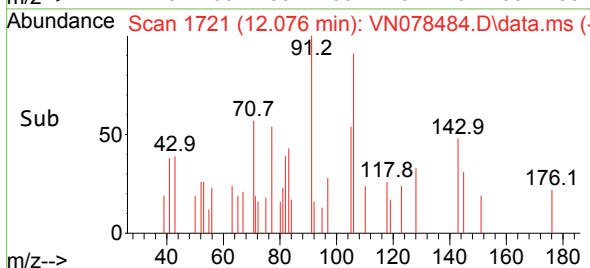
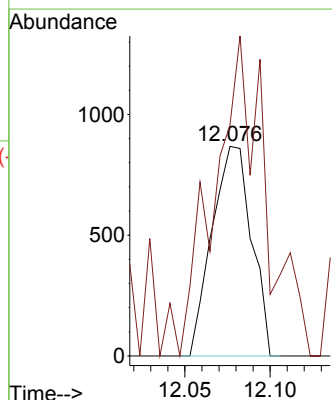
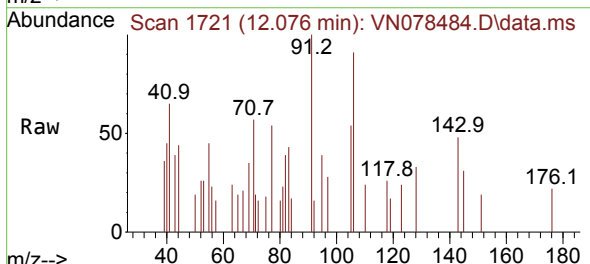
Instrument :
MSVOA_N
ClientSampleId :
50057

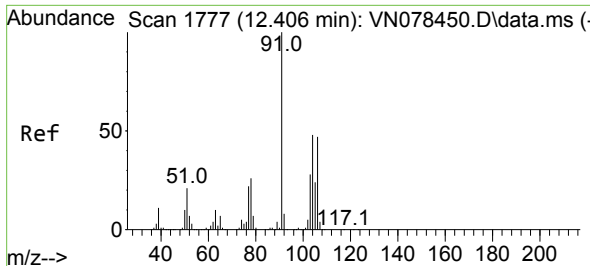
Tgt Ion: 91 Resp: 2243
Ion Ratio Lower Upper
91 100
106 36.2 25.6 38.4



#68
m/p-Xylenes
Concen: 0.139 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 106 Resp: 1402
Ion Ratio Lower Upper
106 100
91 196.0 159.6 239.4

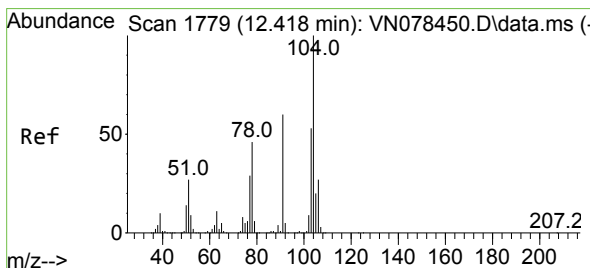
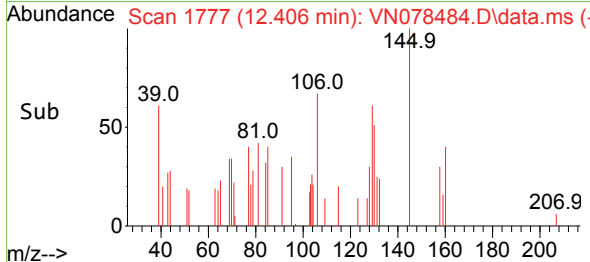
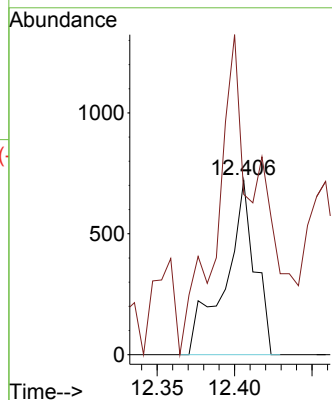
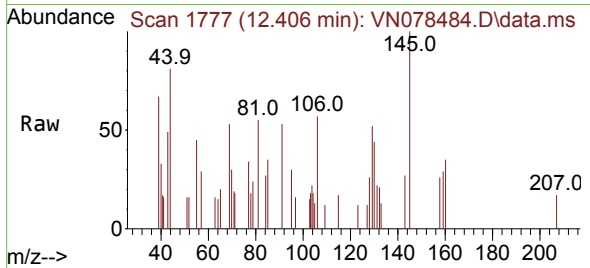




#69
o-Xylene
Concen: 0.095 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

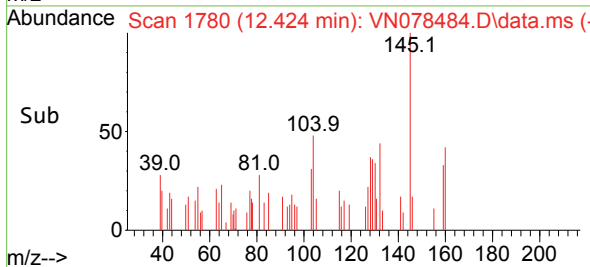
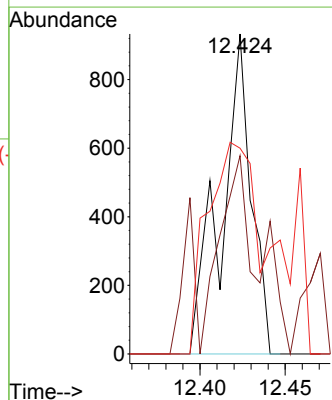
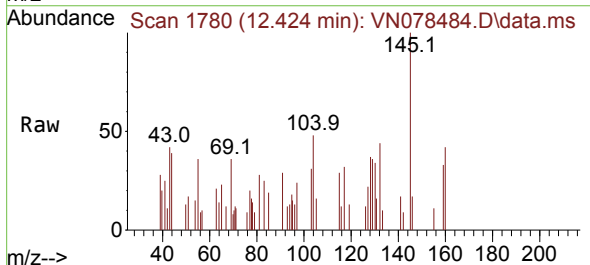
Instrument :
MSVOA_N
ClientSampleId :
50057

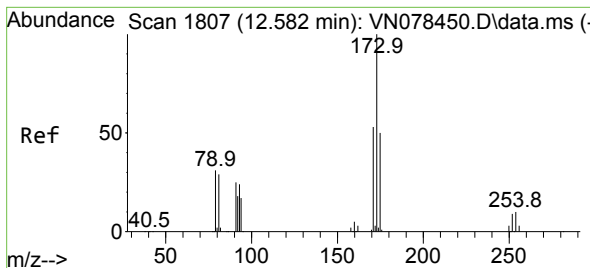
Tgt Ion:106 Resp: 961
Ion Ratio Lower Upper
106 100
91 266.9 105.2 315.5



#70
Styrene
Concen: 0.072 ug/l
RT: 12.424 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion:104 Resp: 1141
Ion Ratio Lower Upper
104 100
78 80.3 39.5 59.3#
103 112.2 43.2 64.8#





#71

Bromoform

Concen: 0.015 ug/l

RT: 12.629 min Scan# 1815

Delta R.T. 0.047 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

50057

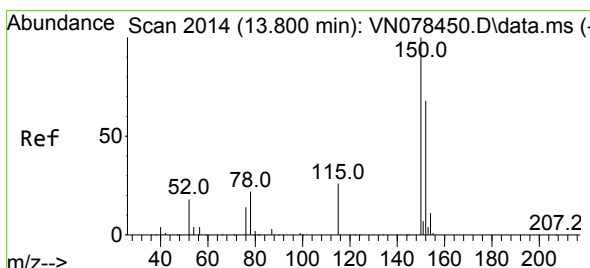
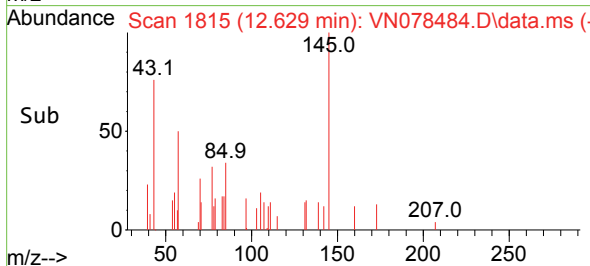
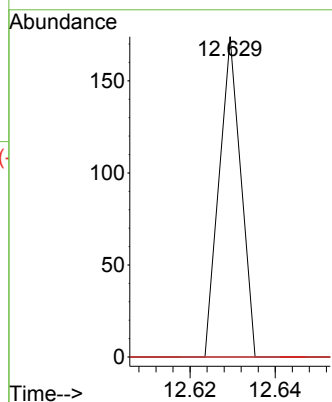
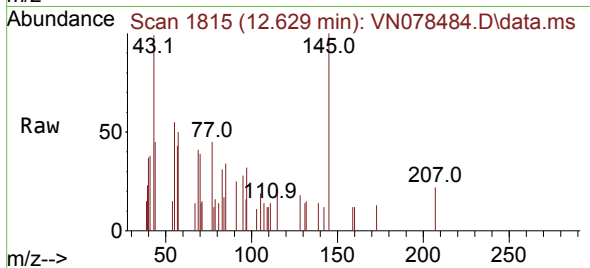
Tgt Ion:173 Resp: 61

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

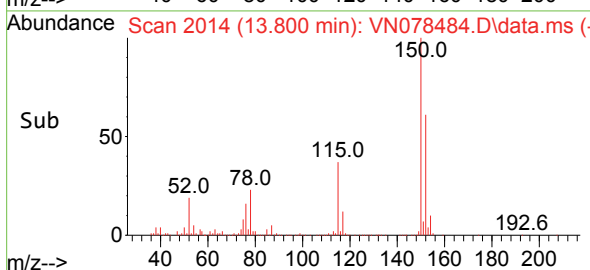
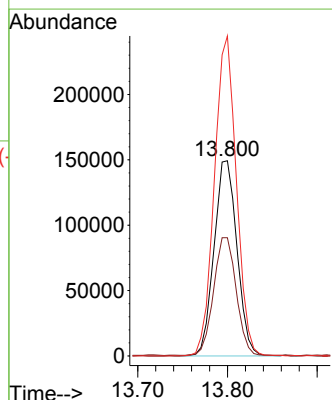
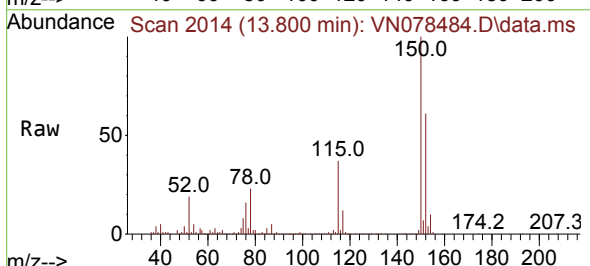
Tgt Ion:152 Resp: 265133

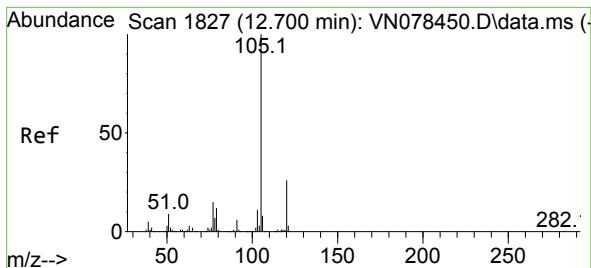
Ion Ratio Lower Upper

152 100

115 59.4 32.3 96.8

150 156.8 0.0 355.8





#73

Isopropylbenzene

Concen: 0.058 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

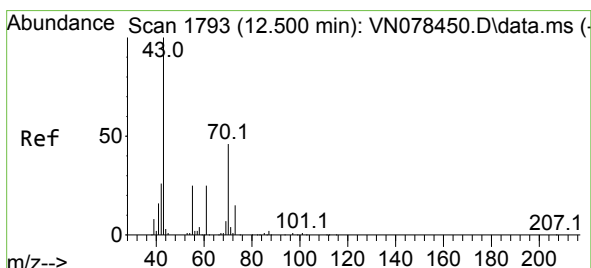
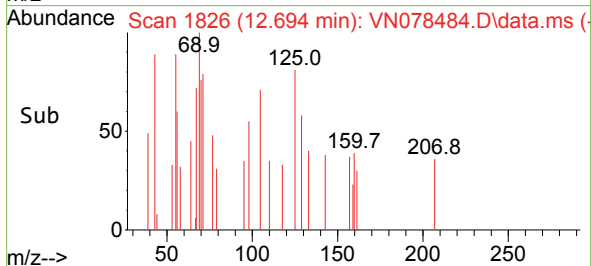
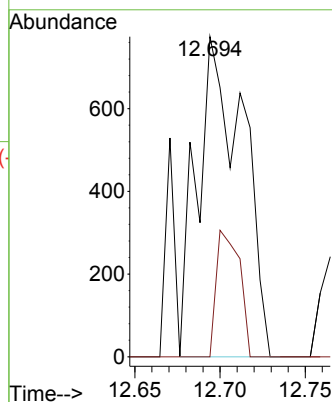
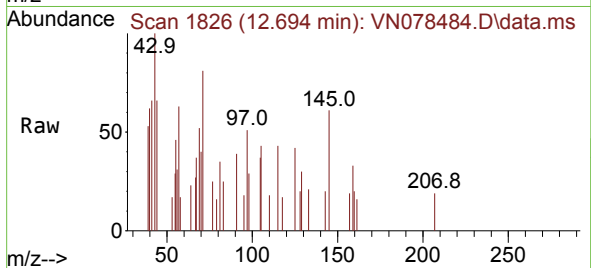
50057

Tgt Ion:105 Resp: 1448

Ion Ratio Lower Upper

105 100

120 19.9 13.1 39.1



#74

N-ethyl acetate

Concen: 0.055 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Tgt Ion: 43 Resp: 468

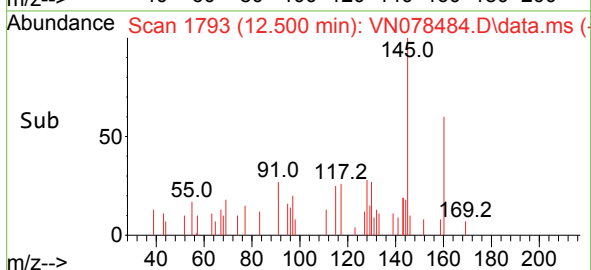
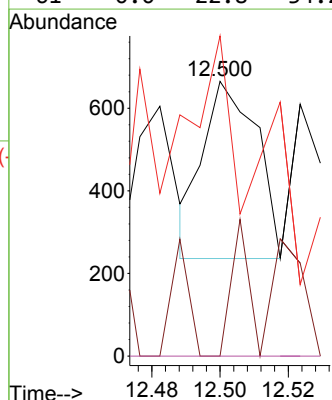
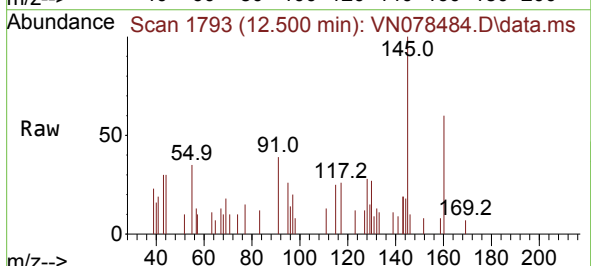
Ion Ratio Lower Upper

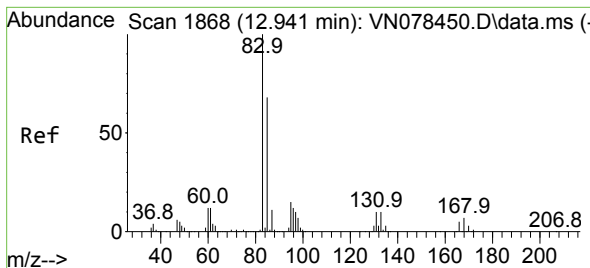
43 100

70 25.0 43.4 65.2#

55 230.3 21.4 32.0#

61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 13.141 min Scan# 1902

Delta R.T. 0.200 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

50057

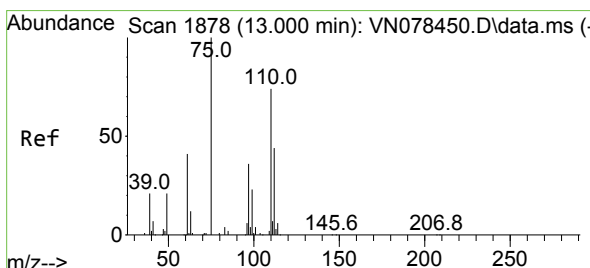
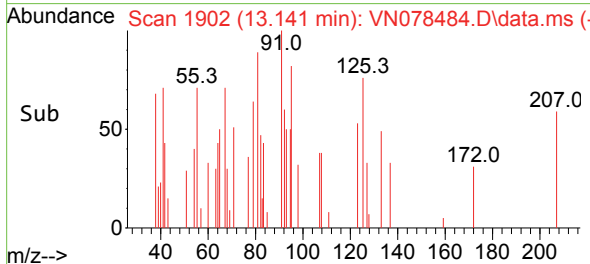
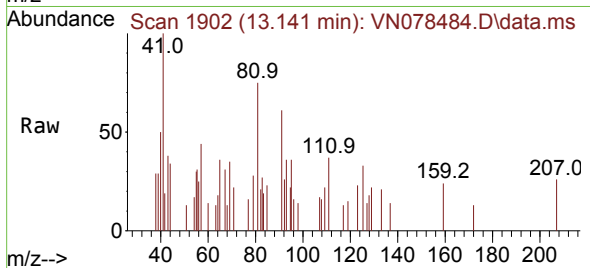
Tgt Ion: 83 Resp: 434

Ion Ratio Lower Upper

83 100

131 12.2 5.0 15.0

85 56.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 26.628 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078484.D

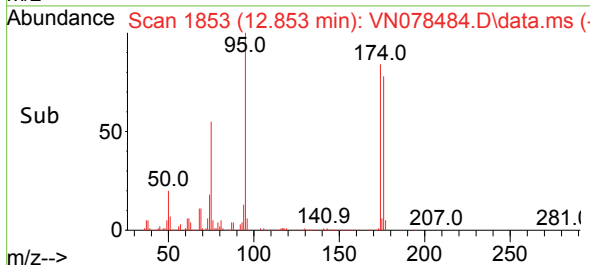
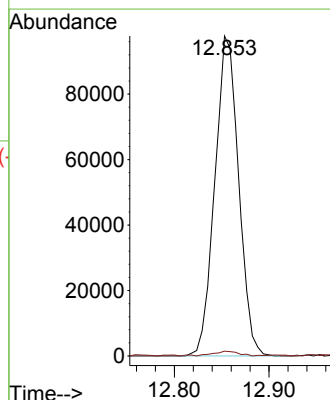
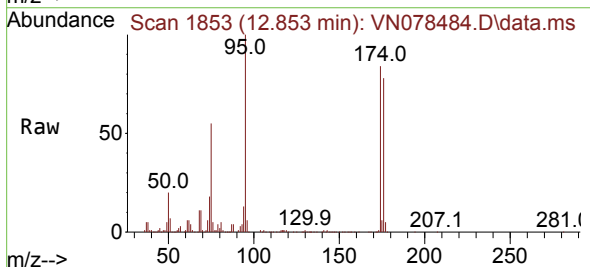
Acq: 12 Jul 2023 17:58

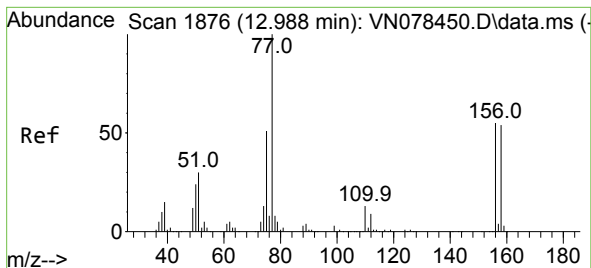
Tgt Ion: 75 Resp: 170649

Ion Ratio Lower Upper

75 100

77 1.6 84.5 253.5#





#77

Bromobenzene

Concen: Below Cal

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

50057

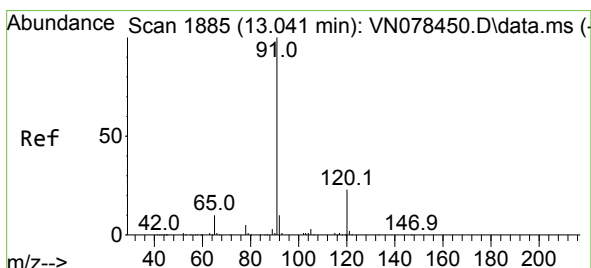
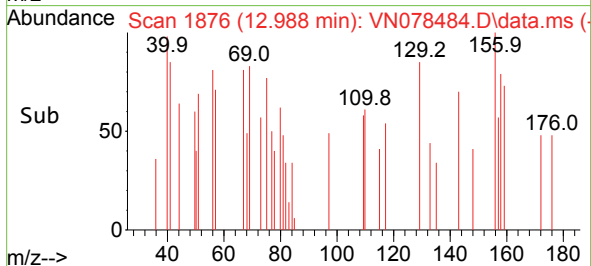
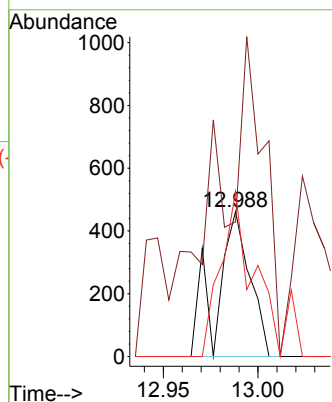
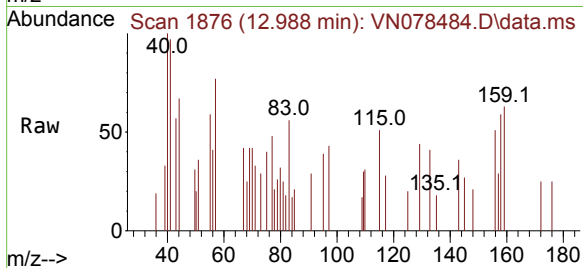
Tgt Ion:156 Resp: 561

Ion Ratio Lower Upper

156 100

77 308.7 107.7 323.3

158 125.0 48.4 145.3



#78

n-propylbenzene

Concen: 0.109 ug/l

RT: 13.053 min Scan# 1887

Delta R.T. 0.012 min

Lab File: VN078484.D

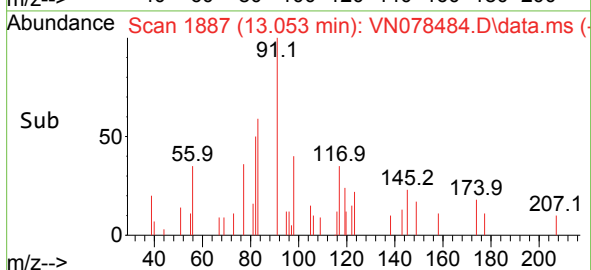
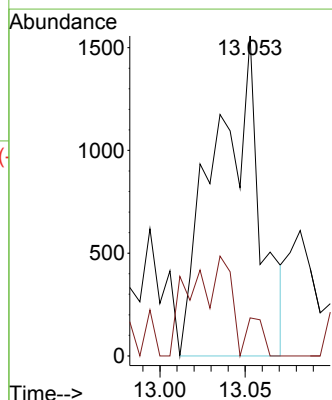
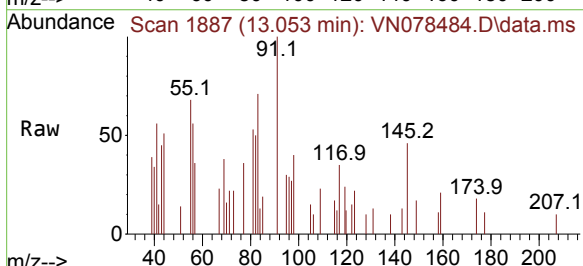
Acq: 12 Jul 2023 17:58

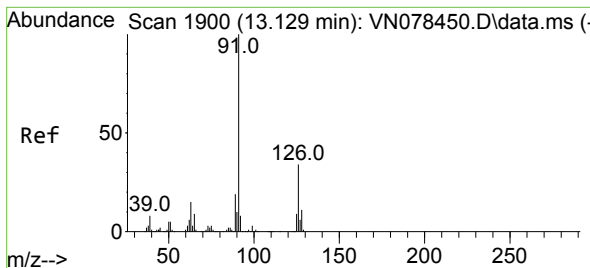
Tgt Ion: 91 Resp: 2892

Ion Ratio Lower Upper

91 100

120 31.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.011 ug/l

RT: 13.165 min Scan# 1906

Delta R.T. 0.036 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

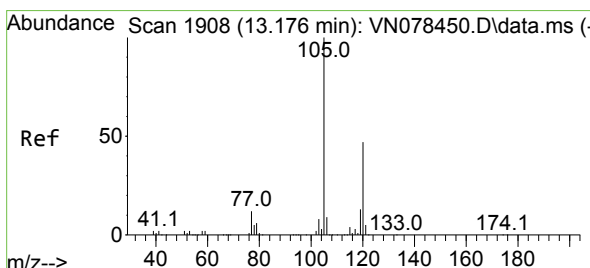
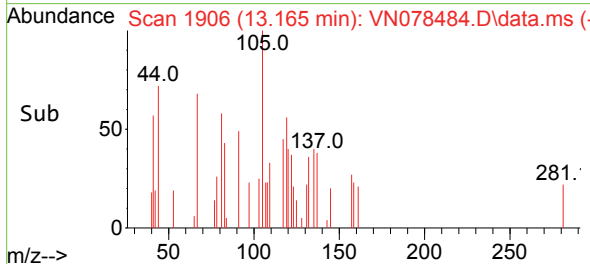
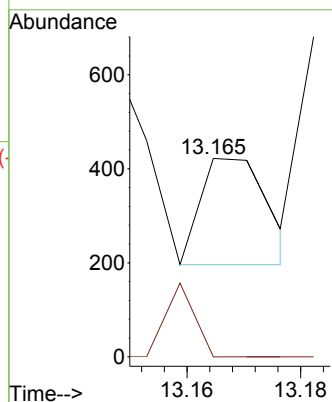
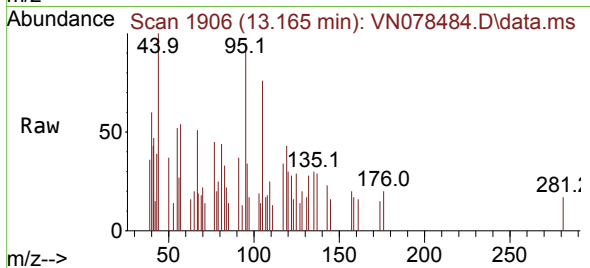
50057

Tgt Ion: 91 Resp: 185

Ion Ratio Lower Upper

91 100

126 29.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.138 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078484.D

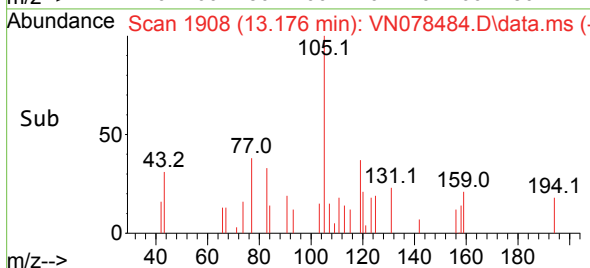
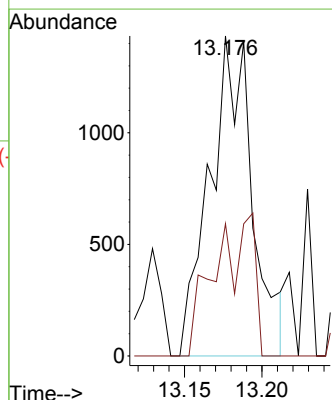
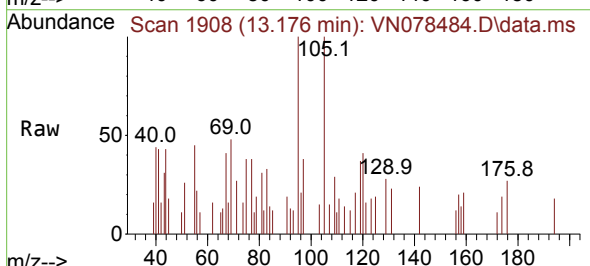
Acq: 12 Jul 2023 17:58

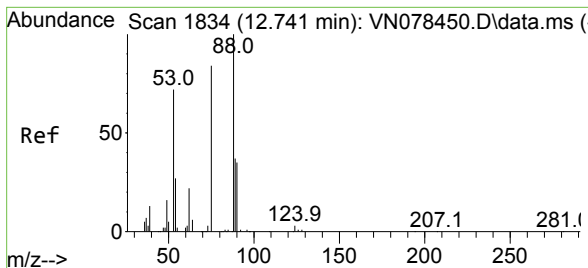
Tgt Ion: 105 Resp: 2724

Ion Ratio Lower Upper

105 100

120 40.7 24.1 72.3

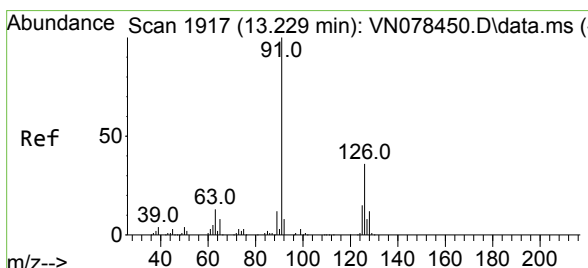
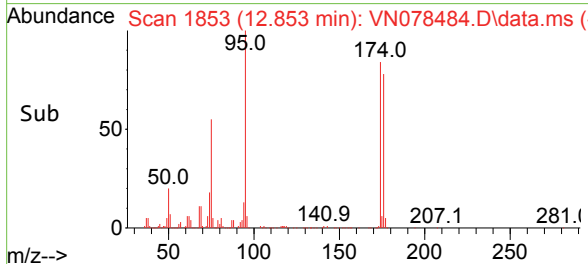
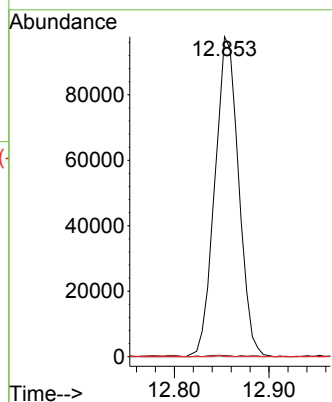
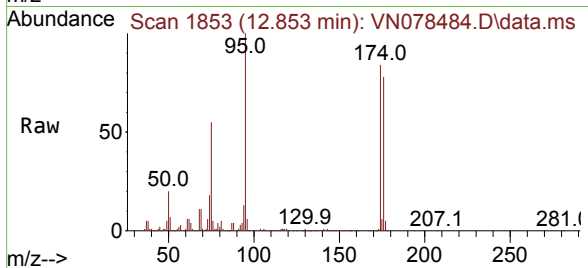




#81
trans-1,4-Dichloro-2-butene
Concen: 69.974 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

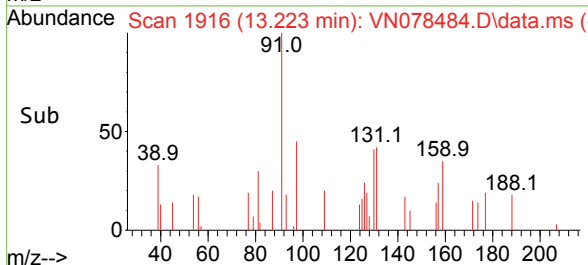
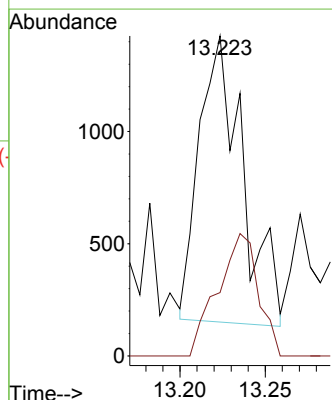
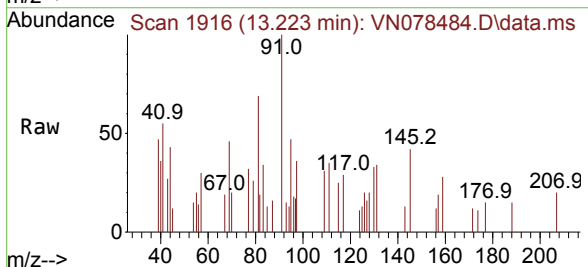
Instrument :
MSVOA_N
ClientSampleId :
50057

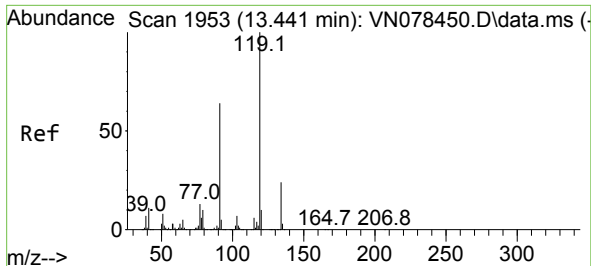
Tgt Ion: 75 Resp: 170649
Ion Ratio Lower Upper
75 100
53 0.4 67.4 101.2#
89 0.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.139 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 91 Resp: 2262
Ion Ratio Lower Upper
91 100
126 39.9 16.7 50.0

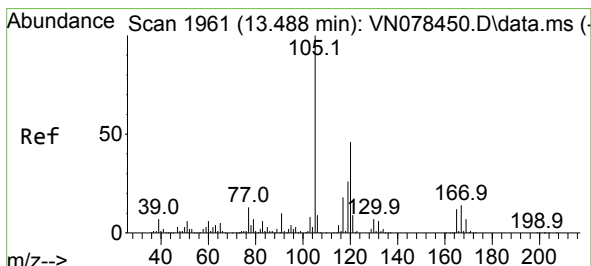
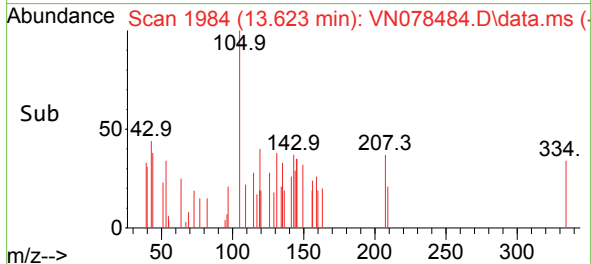
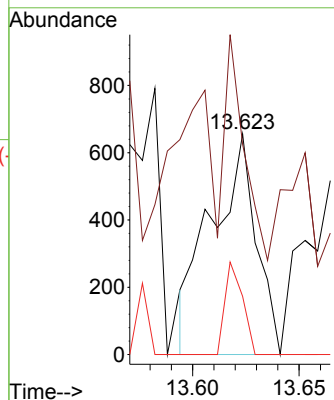
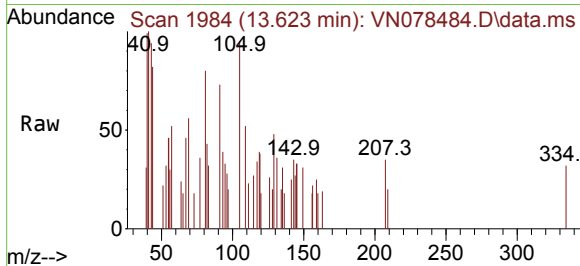




#83
 tert-Butylbenzene
 Concen: 0.058 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.182 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

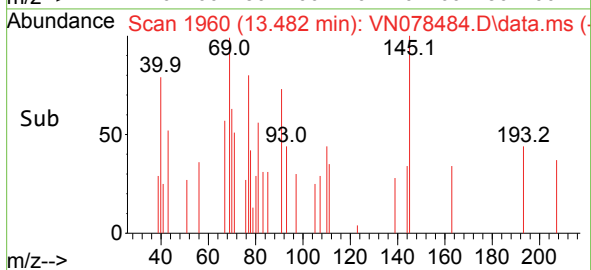
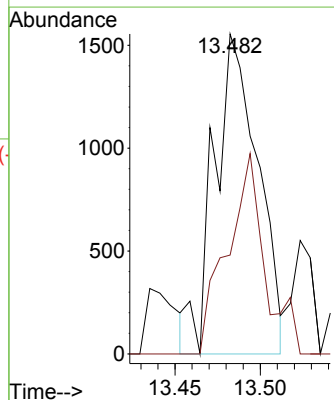
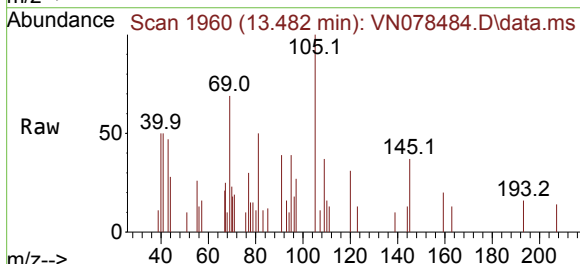
Instrument :
 MSVOA_N
 ClientSampleId :
 50057

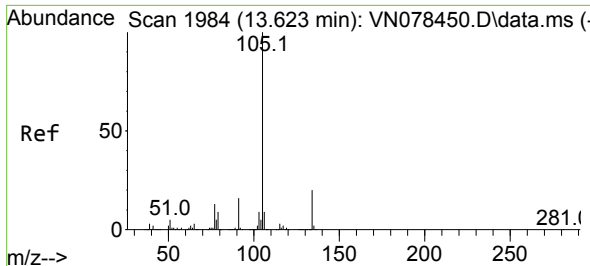
Tgt Ion:	119	Resp:	962
Ion Ratio	Lower	Upper	
119	100		
91	43.1	33.9	101.7
134	16.4	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.146 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

Tgt Ion:	105	Resp:	2782
Ion Ratio	Lower	Upper	
105	100		
120	53.5	22.0	66.0

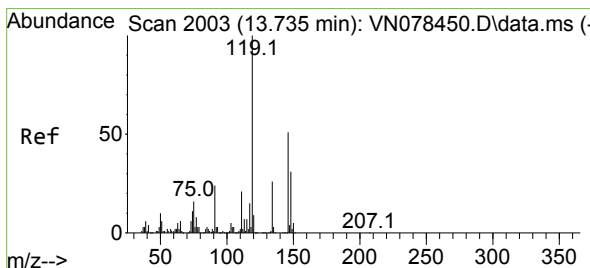
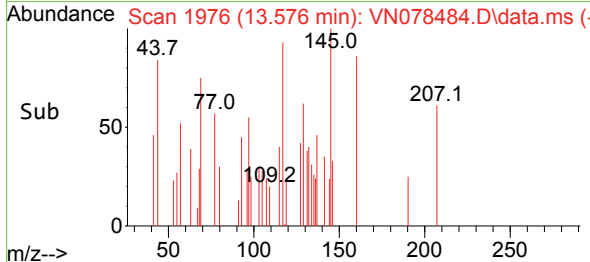
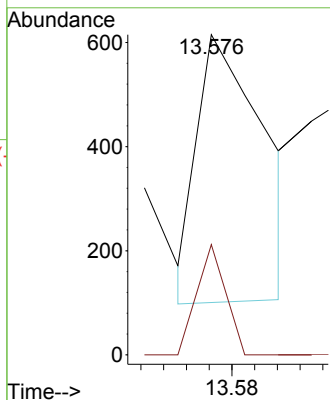
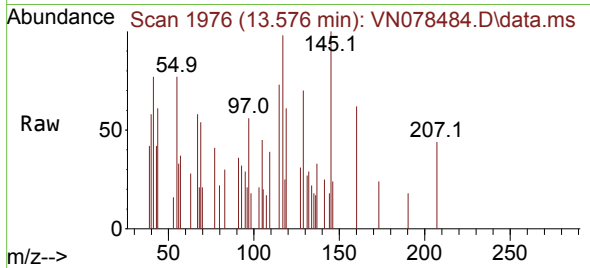




#85
 sec-Butylbenzene
 Concen: 0.020 ug/l
 RT: 13.576 min Scan# 1984
 Delta R.T. -0.047 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

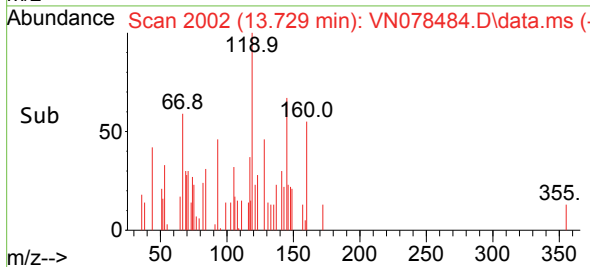
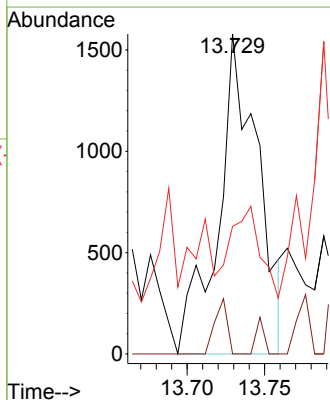
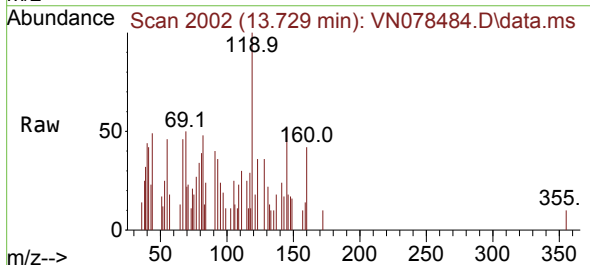
Instrument :
 MSVOA_N
 ClientSampleId :
 50057

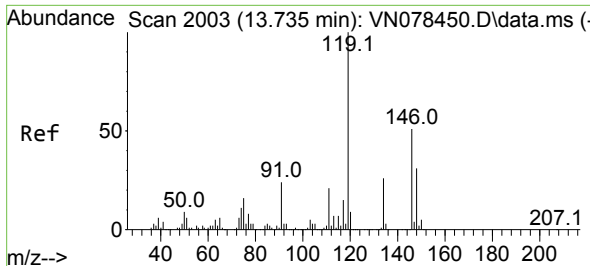
Tgt Ion:105 Resp: 423
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.166 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

Tgt Ion:119 Resp: 2824
 Ion Ratio Lower Upper
 119 100
 134 5.3 12.6 37.8#
 91 8.0 12.4 37.2#

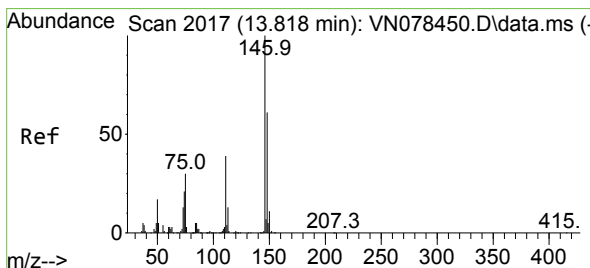
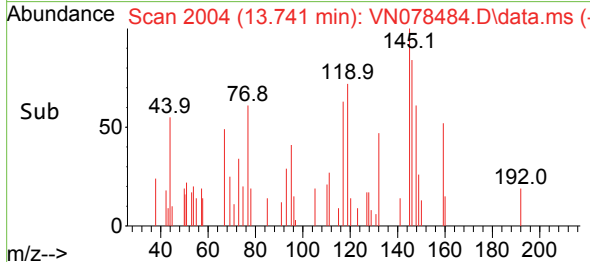
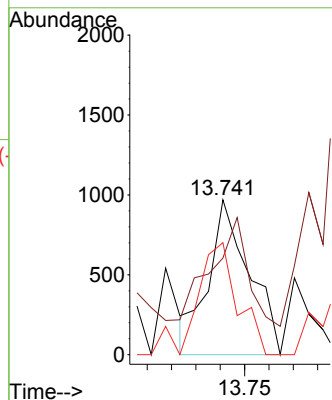
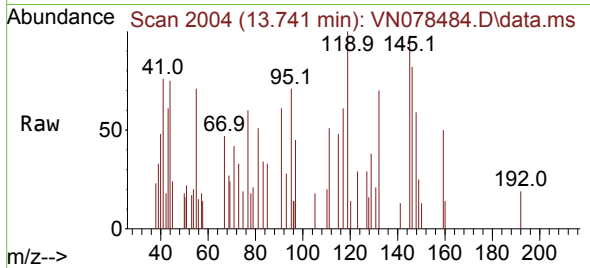




#87
1,3-Dichlorobenzene
Concen: 0.118 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

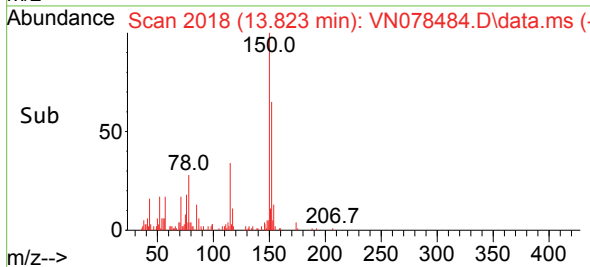
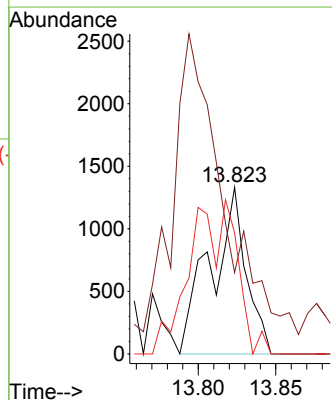
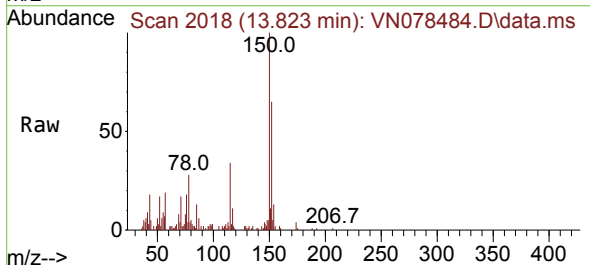
Instrument :
MSVOA_N
ClientSampleId :
50057

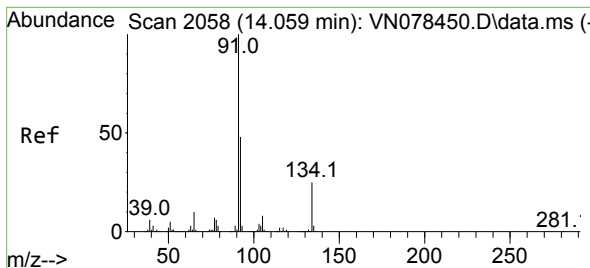
Tgt Ion:146 Resp: 1132
Ion Ratio Lower Upper
146 100
111 108.6 22.1 66.3#
148 72.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.220 ug/l
RT: 13.823 min Scan# 2018
Delta R.T. 0.005 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion:146 Resp: 2116
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 0.0 31.6 94.8#





#89

n-Butylbenzene

Concen: 0.258 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078484.D

Acq: 12 Jul 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

50057

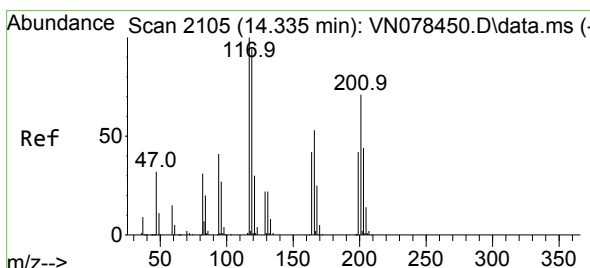
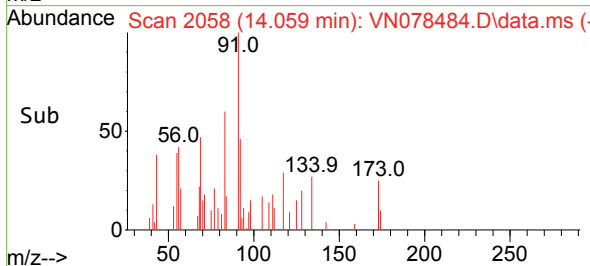
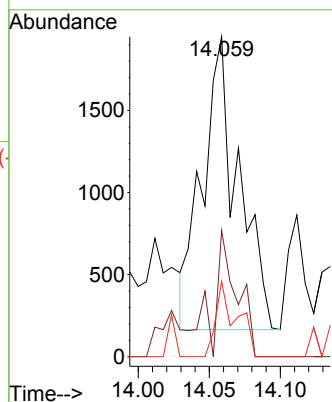
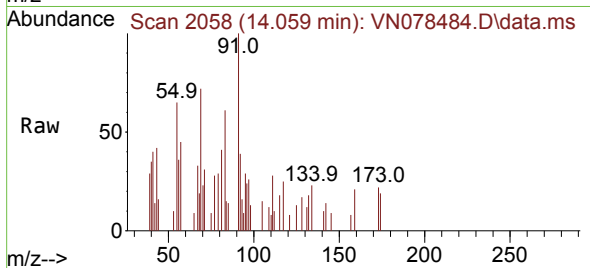
Tgt Ion: 91 Resp: 3137

Ion Ratio Lower Upper

91 100

92 28.6 26.4 79.0

134 14.8 12.6 37.6



#90

Hexachloroethane

Concen: Below Cal

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078484.D

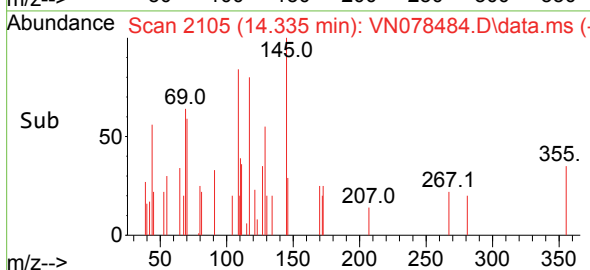
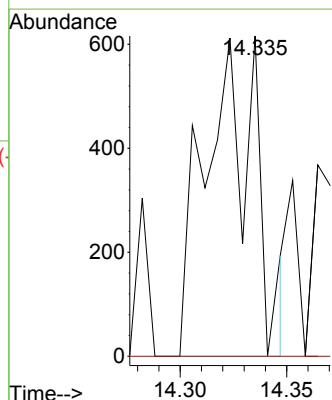
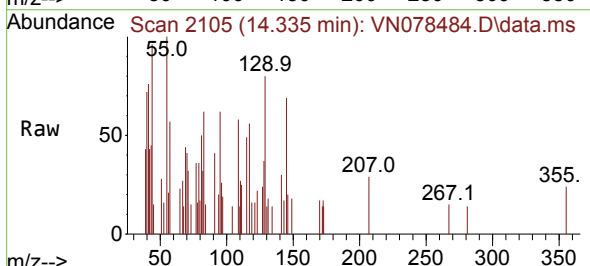
Acq: 12 Jul 2023 17:58

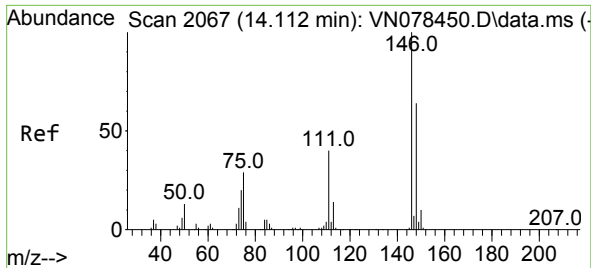
Tgt Ion: 117 Resp: 995

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#

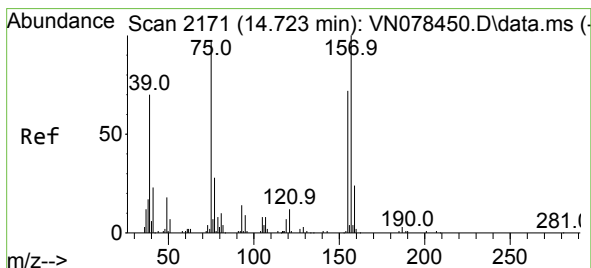
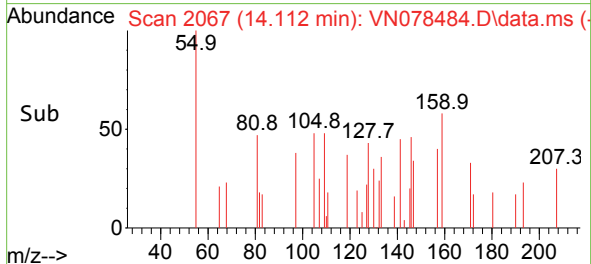
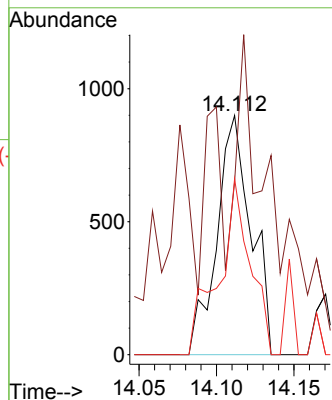
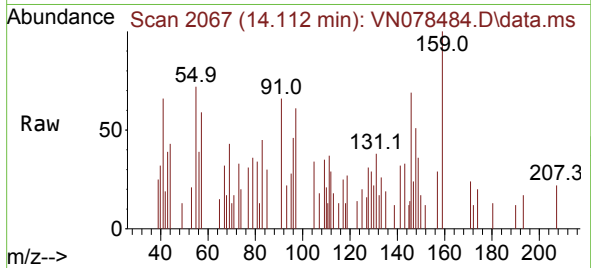




#91
1,2-Dichlorobenzene
Concen: 0.145 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

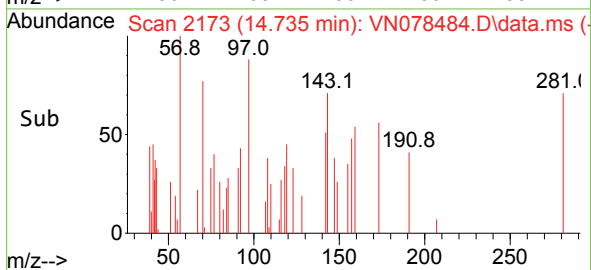
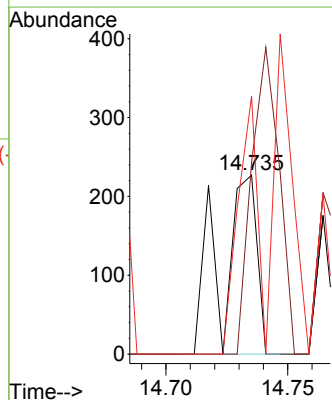
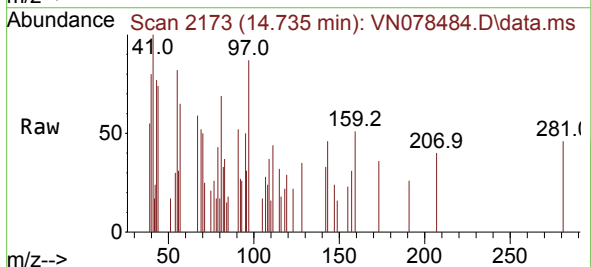
Instrument :
MSVOA_N
ClientSampleId :
50057

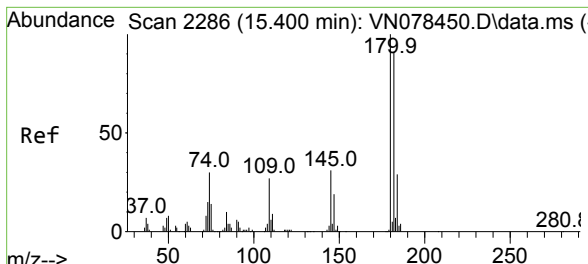
Tgt Ion:146 Resp: 1382
Ion Ratio Lower Upper
146 100
111 148.3 22.0 66.0#
148 68.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.735 min Scan# 2173
Delta R.T. 0.012 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion: 75 Resp: 230
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 78.7 50.3 150.9

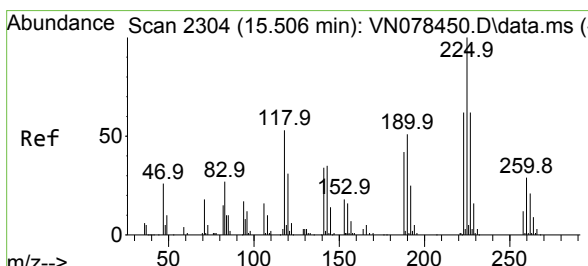
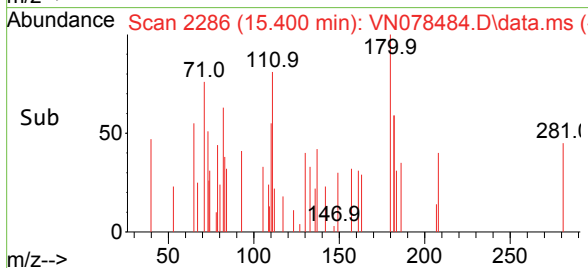
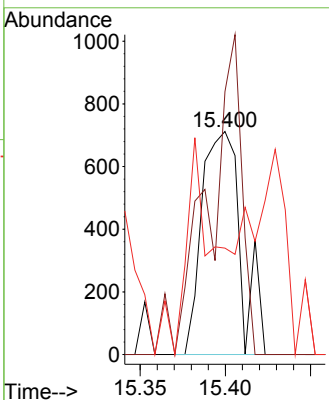
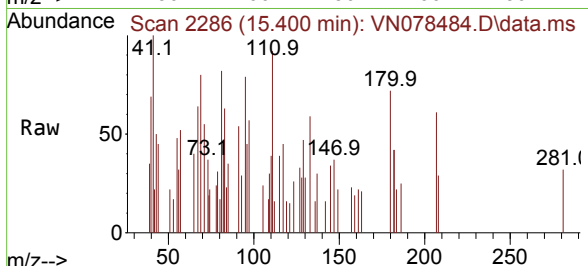




#93
 1,2,4-Trichlorobenzene
 Concen: 0.371 ug/l
 RT: 15.400 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

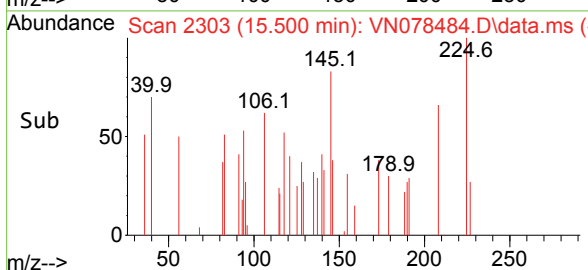
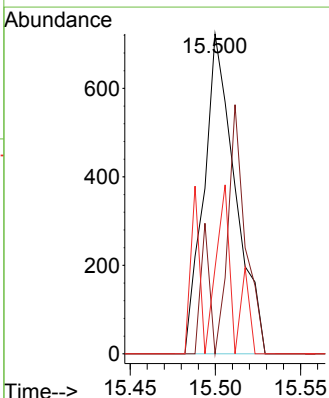
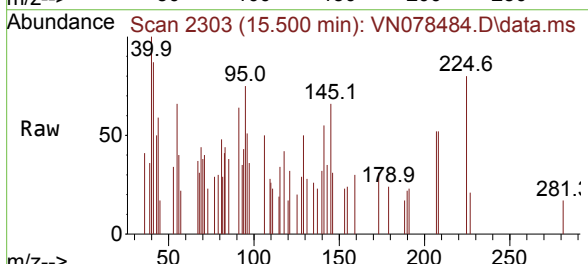
Instrument :
 MSVOA_N
 ClientSampleId :
 50057

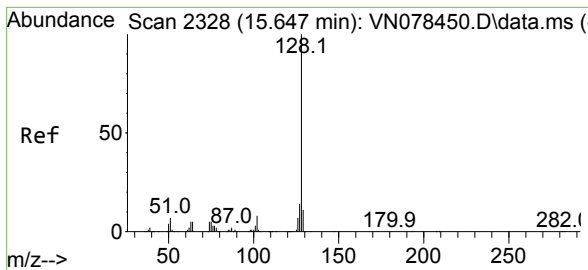
Tgt Ion:180	Resp:	1128
Ion Ratio	Lower	Upper
180	100	
182	123.8	46.1 138.2
145	0.0	16.6 49.8#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN078484.D
 Acq: 12 Jul 2023 17:58

Tgt Ion:225	Resp:	926
Ion Ratio	Lower	Upper
225	100	
223	54.3	31.3 93.8
227	29.4	31.9 95.9#

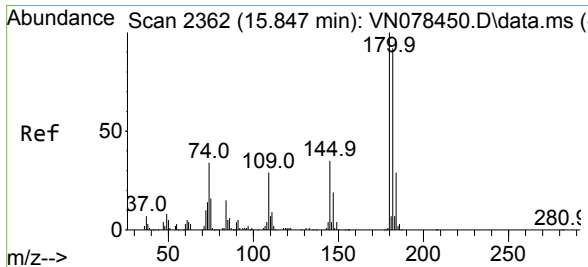
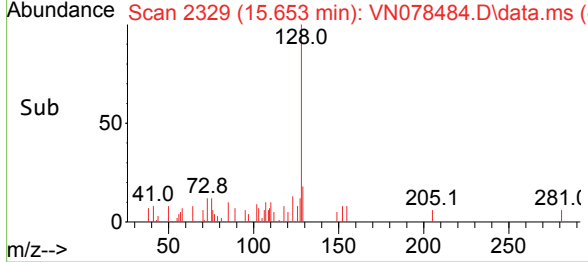
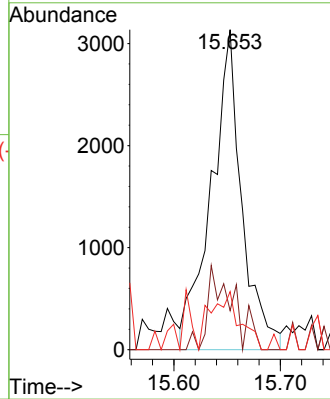
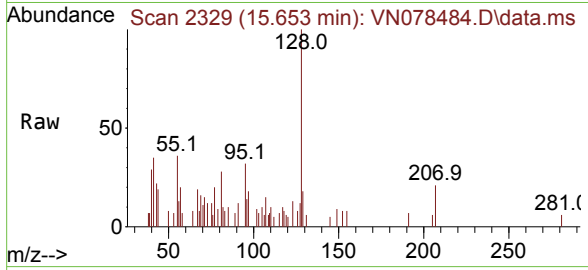




#95
Naphthalene
Concen: 0.601 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
50057

Tgt Ion:128 Resp: 6240
Ion Ratio Lower Upper
128 100
127 22.2 10.0 15.0#
129 17.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.644 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078484.D
Acq: 12 Jul 2023 17:58

Tgt Ion:180 Resp: 2248
Ion Ratio Lower Upper
180 100
182 83.2 46.2 138.6
145 16.5 17.5 52.6#

