

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078243.D
 Acq On : 15 Jun 2023 21:10
 Operator : JC\MD
 Sample : 03186-01ME
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 06:13:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

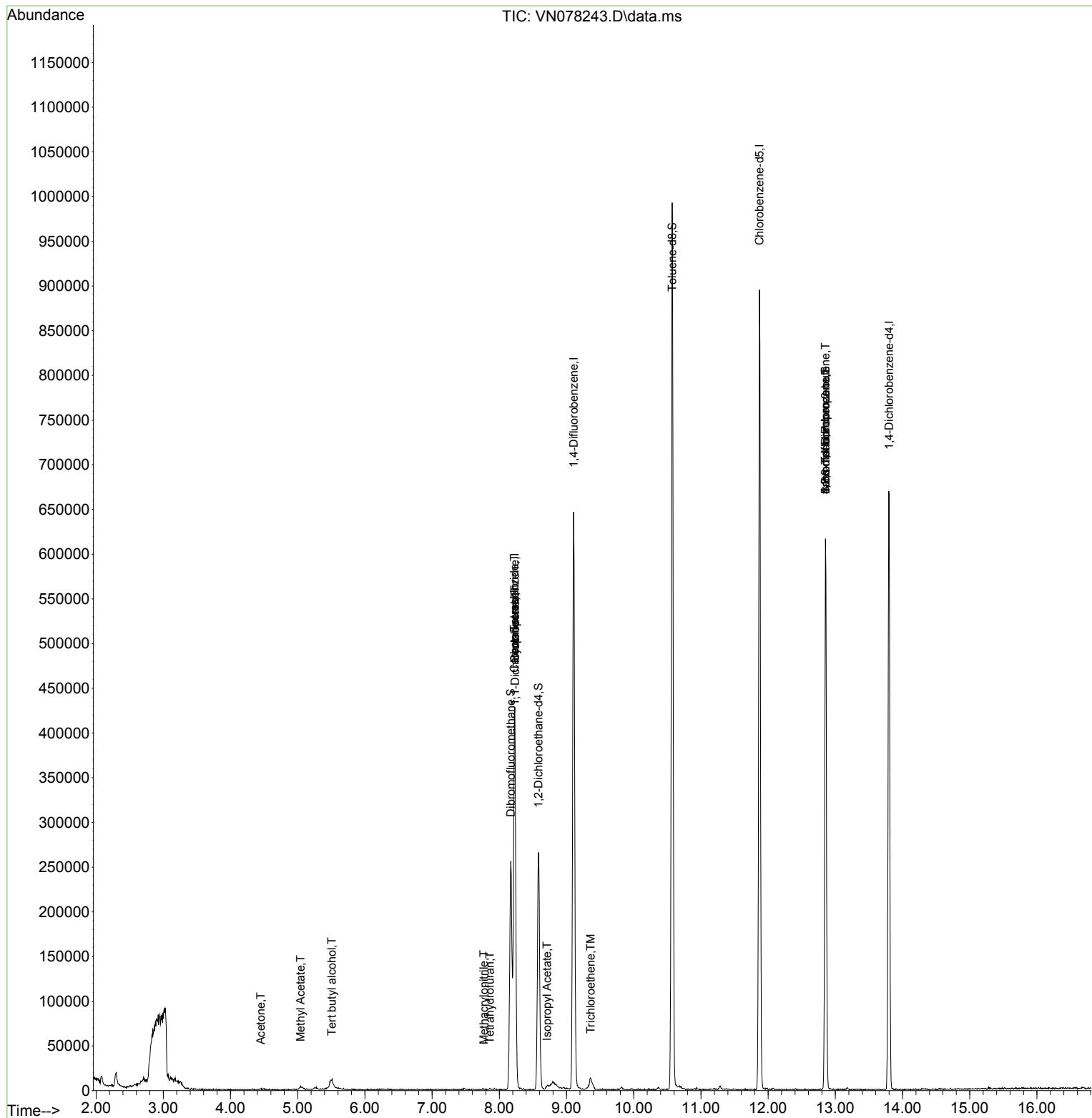
Internal Standards						
1) Pentafluorobenzene	8.230	168	310053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	576468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	182778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	219666	53.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.280%	
35) Dibromofluoromethane	8.171	113	187851	51.538	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.080%	
50) Toluene-d8	10.571	98	707916	50.380	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.853	95	210554	48.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	740	Below Cal		90
11) Tert butyl alcohol	5.506	59	8930	15.644	ug/l #	72
16) Acetone	4.448	43	430	0.361	ug/l #	40
18) Methyl Acetate	5.042	43	6597	1.204	ug/l #	74
29) Tetrahydrofuran	7.859	42	787	0.643	ug/l #	55
31) Cyclohexane	8.230	56	8590	1.620	ug/l #	45
36) 1,1-Dichloropropene	8.236	75	26565	5.081	ug/l #	47
38) Carbon Tetrachloride	8.224	117	33294	6.031	ug/l #	18
41) Methacrylonitrile	7.771	41	443	0.200	ug/l #	30
43) Isopropyl Acetate	8.712	43	3091	0.396	ug/l #	49
44) Trichloroethene	9.359	130	4285	1.040	ug/l	92
71) Bromoform	12.853	173	1295	0.495	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.853	83	239	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	113718	26.318	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	113718	80.857	ug/l #	15

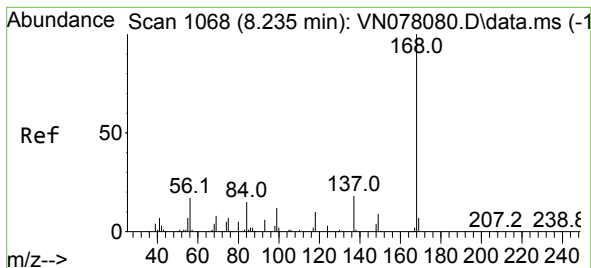
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 07 05:05:00 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN078243.D

Acq: 15 Jun 2023 21:10

Instrument :

MSVOA_N

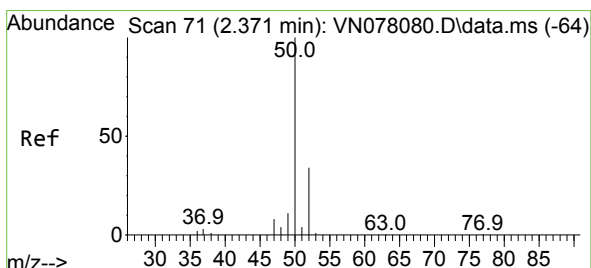
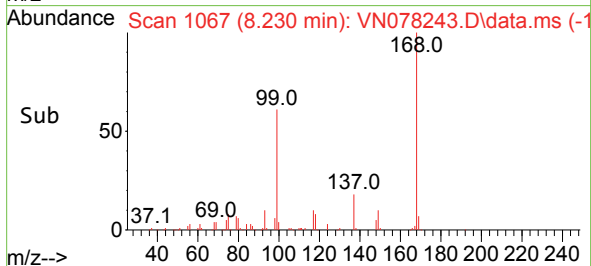
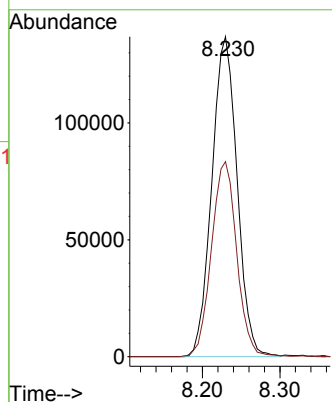
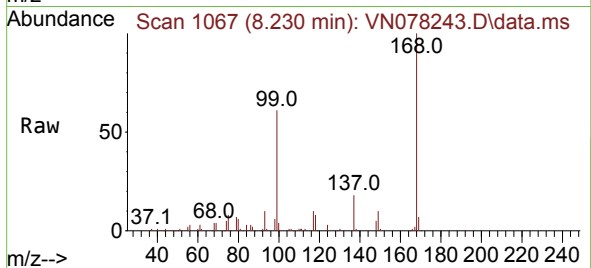
ClientSampleId :

Tgt Ion:168 Resp: 310053

Ion Ratio Lower Upper

168 100

99 61.0 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078243.D

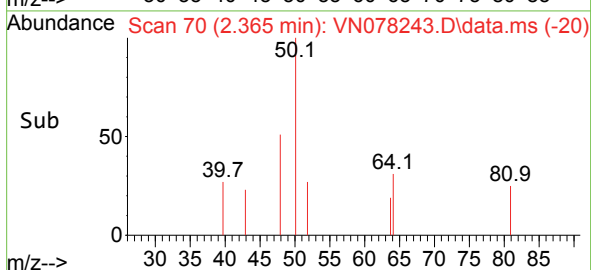
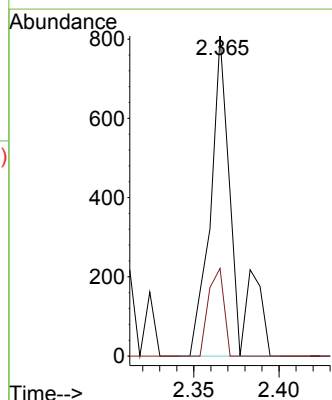
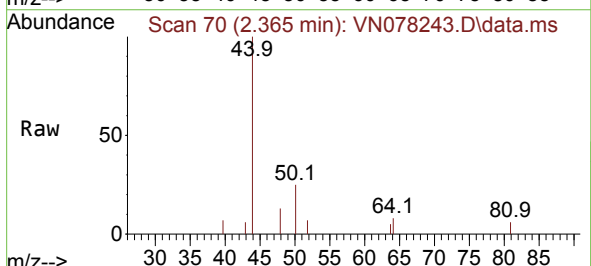
Acq: 15 Jun 2023 21:10

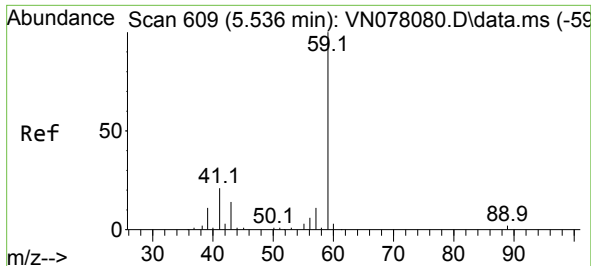
Tgt Ion: 50 Resp: 740

Ion Ratio Lower Upper

50 100

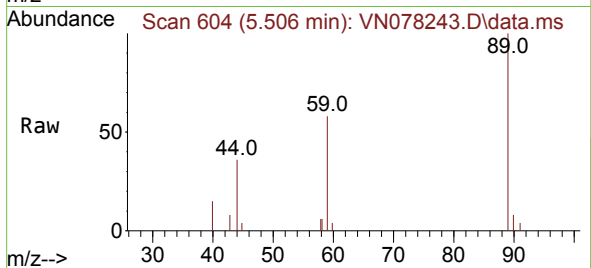
52 27.4 26.5 39.7



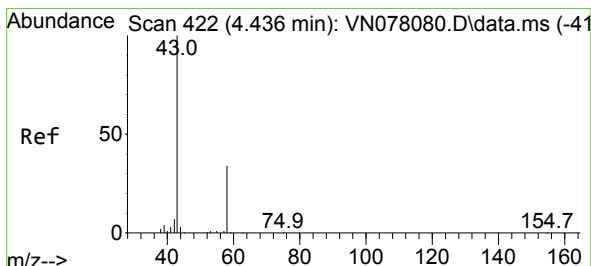
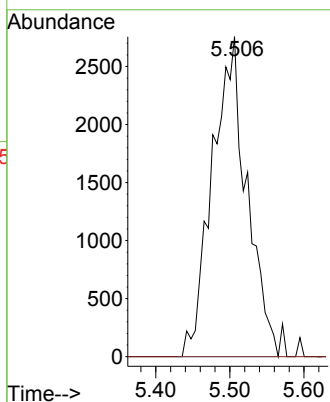
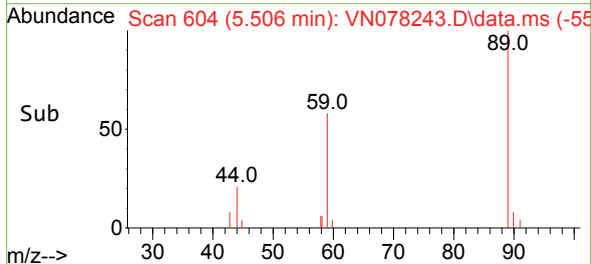


#11
Tert butyl alcohol
Concen: 15.644 ug/l
RT: 5.506 min Scan# 609
Delta R.T. -0.029 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

Instrument :
MSVOA_N
ClientSampleId :

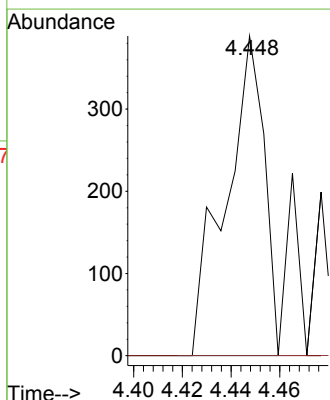
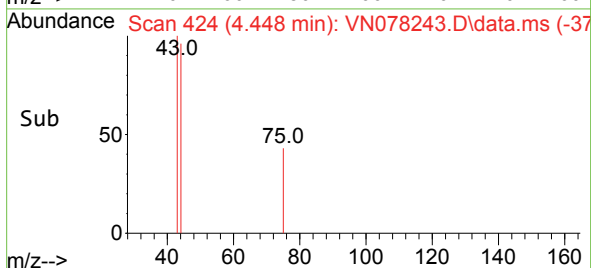
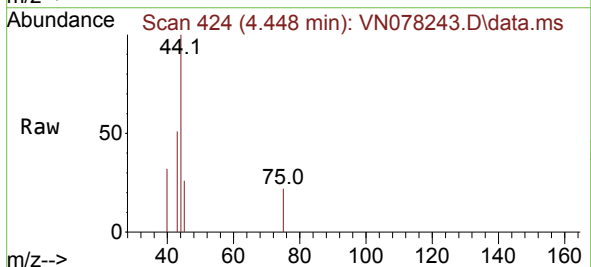


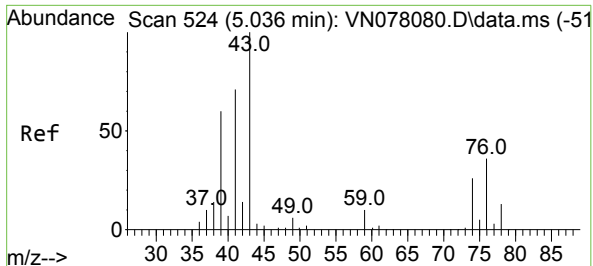
Tgt Ion: 59 Resp: 8930
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.361 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

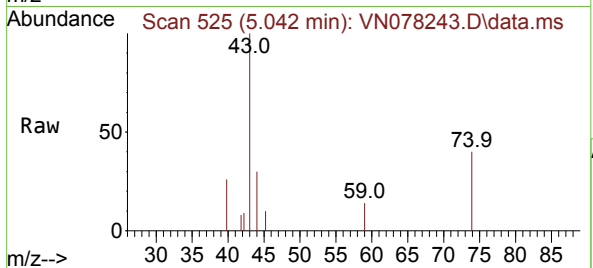
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



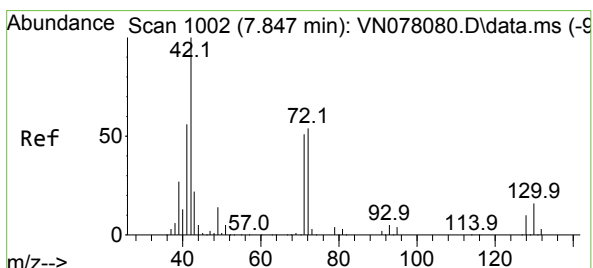
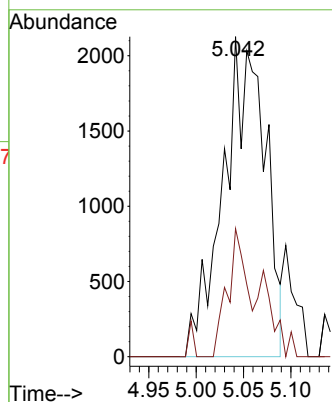
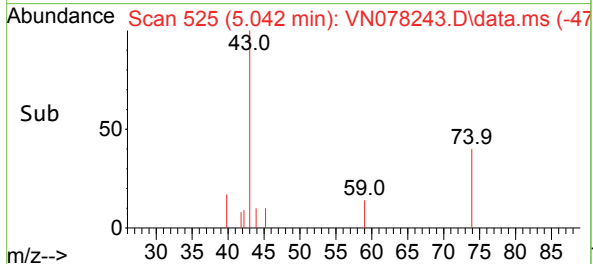


#18
Methyl Acetate
Concen: 1.204 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

Instrument :
MSVOA_N
ClientSampleId :

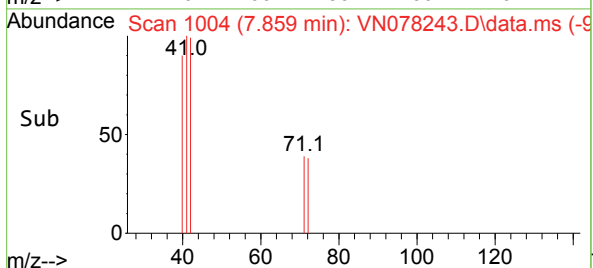
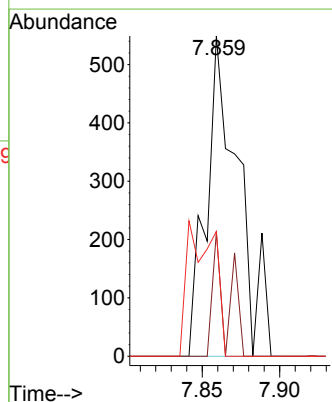
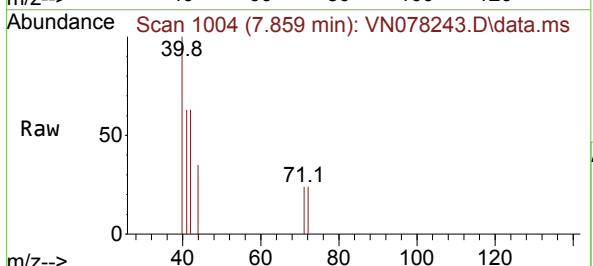


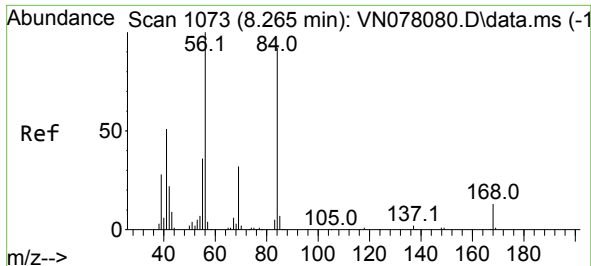
Tgt Ion: 43 Resp: 6597
Ion Ratio Lower Upper
43 100
74 18.1 26.2 39.4#



#29
Tetrahydrofuran
Concen: 0.643 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

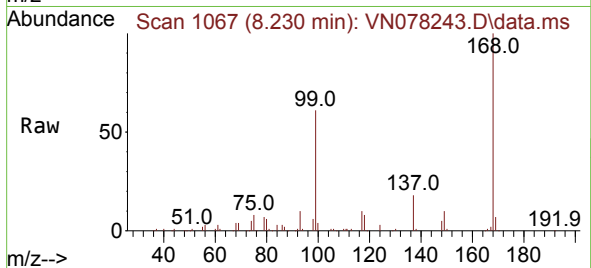
Tgt Ion: 42 Resp: 787
Ion Ratio Lower Upper
42 100
72 17.5 49.8 74.6#
71 35.5 47.4 71.2#



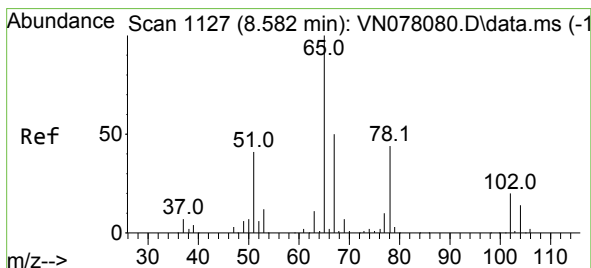
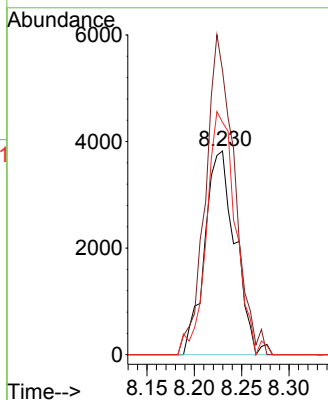
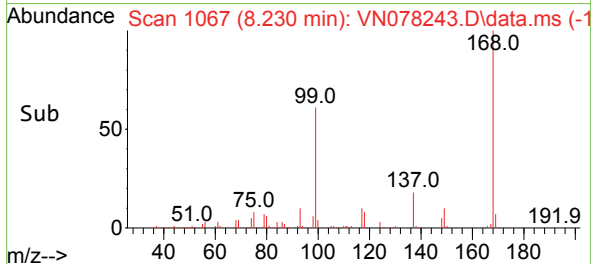


#31
Cyclohexane
Concen: 1.620 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

Instrument :
MSVOA_N
ClientSampleId :

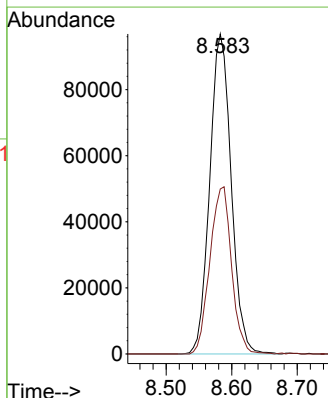
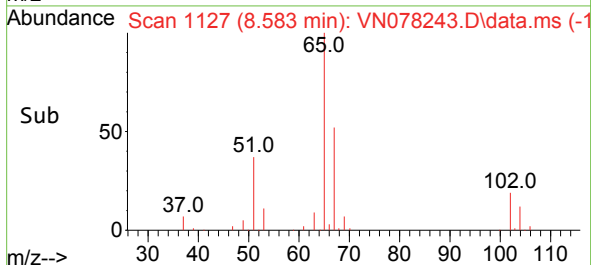
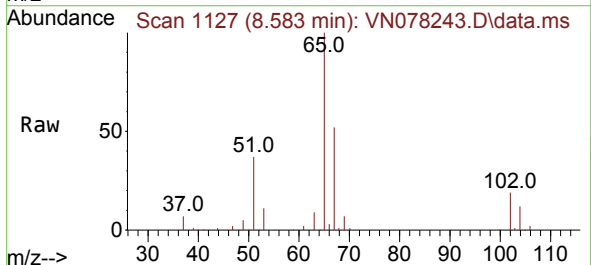


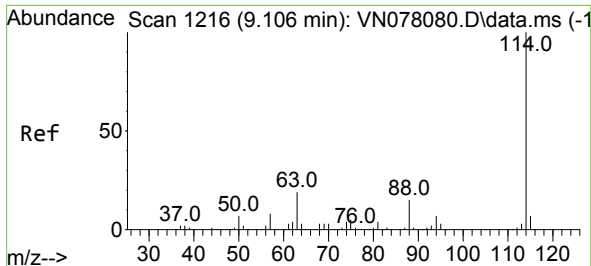
Tgt Ion: 56 Resp: 8590
Ion Ratio Lower Upper
56 100
69 139.4 26.8 40.2#
84 114.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 53.137 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

Tgt Ion: 65 Resp: 219666
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078243.D

Acq: 15 Jun 2023 21:10

Instrument :

MSVOA_N

ClientSampleId :

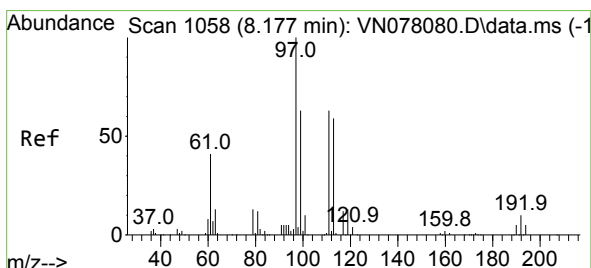
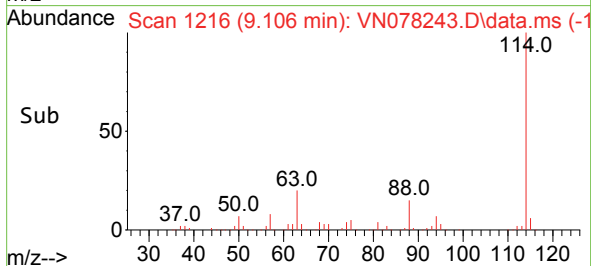
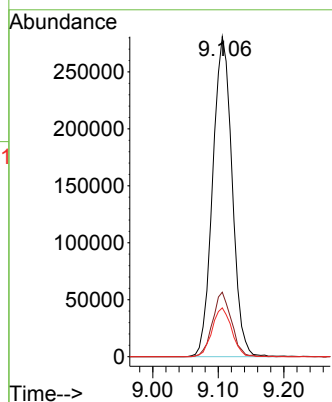
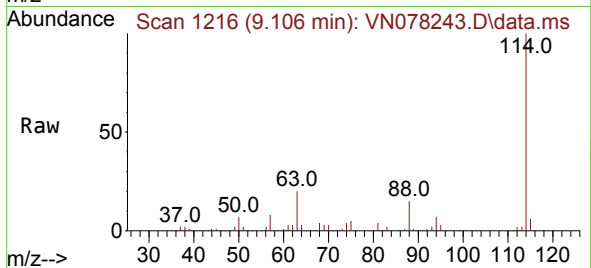
Tgt Ion:114 Resp: 576468

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.538 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078243.D

Acq: 15 Jun 2023 21:10

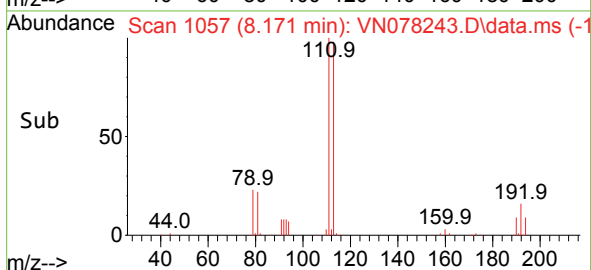
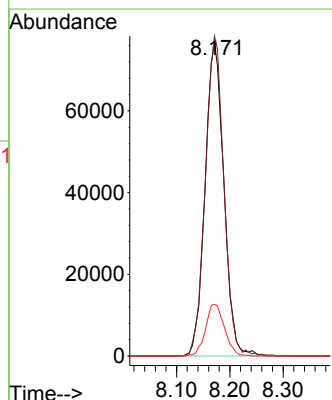
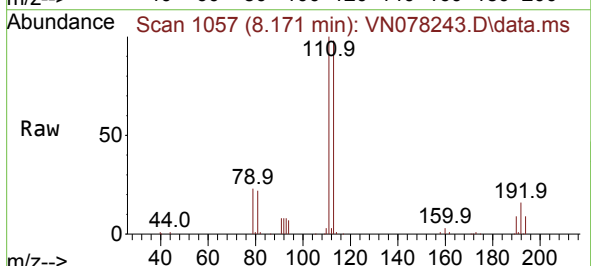
Tgt Ion:113 Resp: 187851

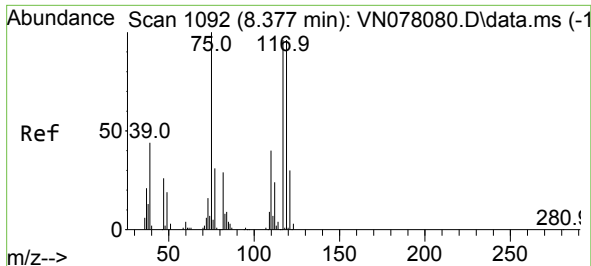
Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 16.6 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.081 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN078243.D

Acq: 15 Jun 2023 21:10

Instrument :

MSVOA_N

ClientSampleId :

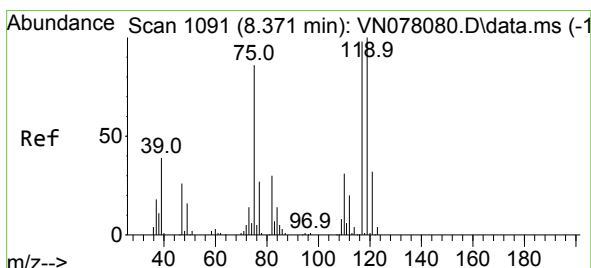
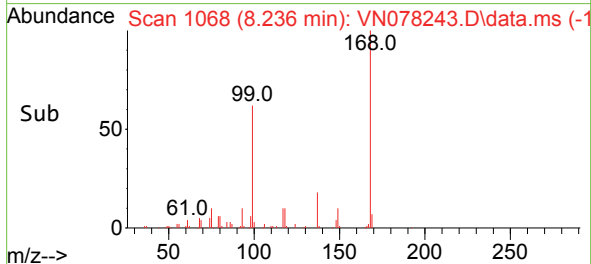
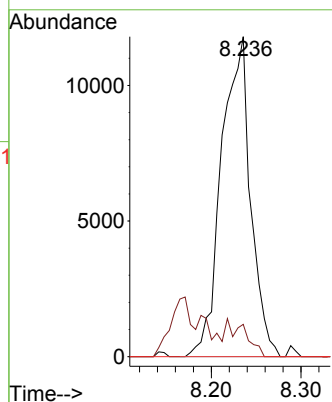
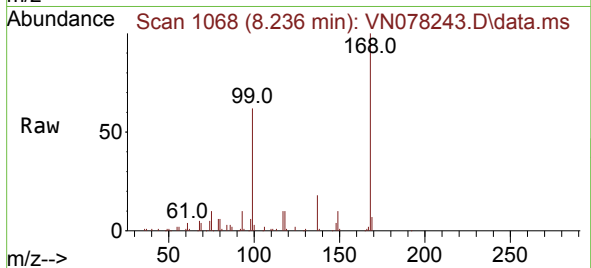
Tgt Ion: 75 Resp: 26565

Ion Ratio Lower Upper

75 100

110 7.7 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.031 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN078243.D

Acq: 15 Jun 2023 21:10

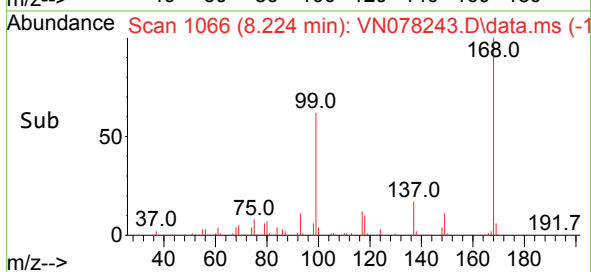
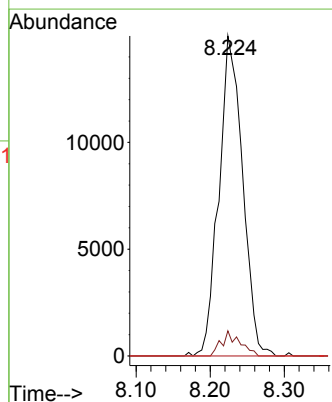
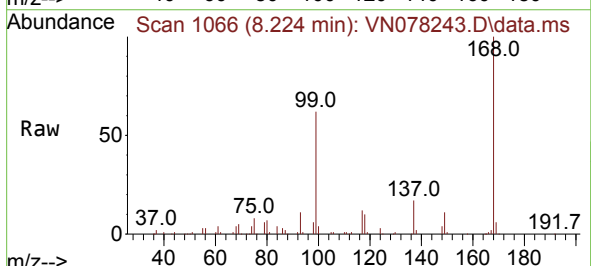
Tgt Ion: 117 Resp: 33294

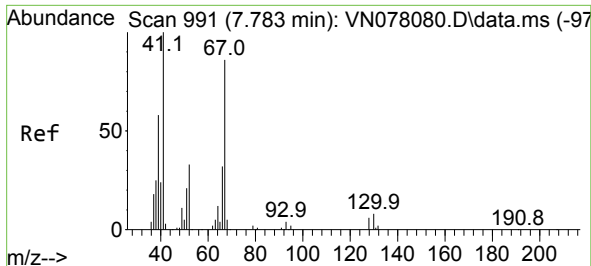
Ion Ratio Lower Upper

117 100

119 7.8 77.3 115.9#

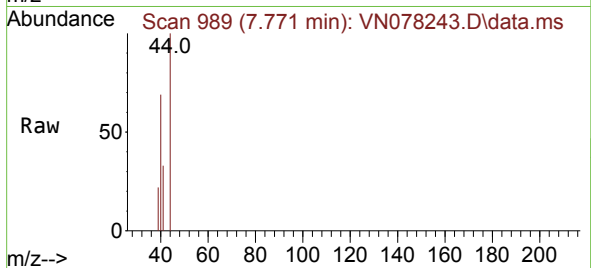
121 0.0 23.3 34.9#



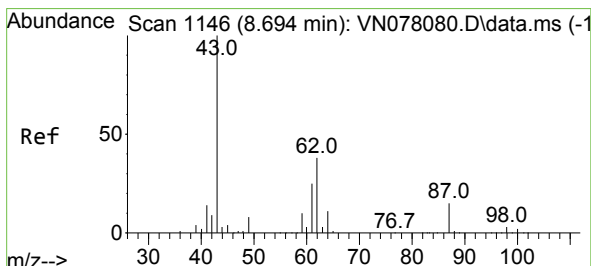
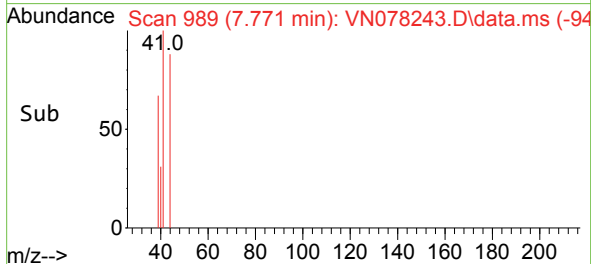
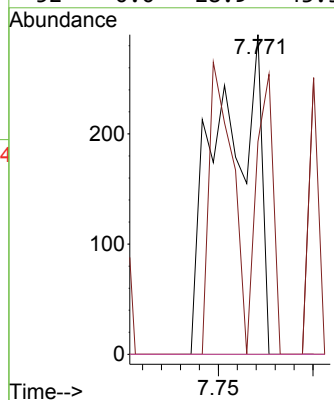


#41
Methacrylonitrile
Concen: 0.200 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

Instrument :
MSVOA_N
ClientSampleId :

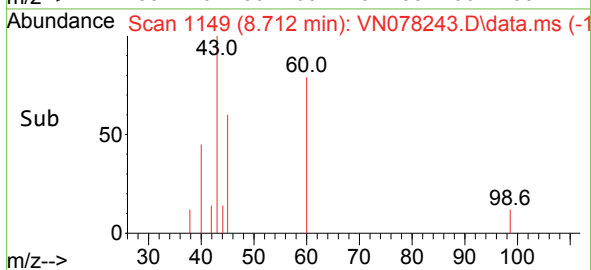
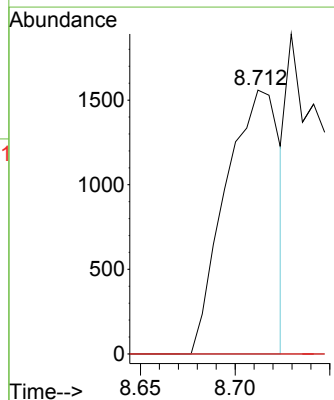
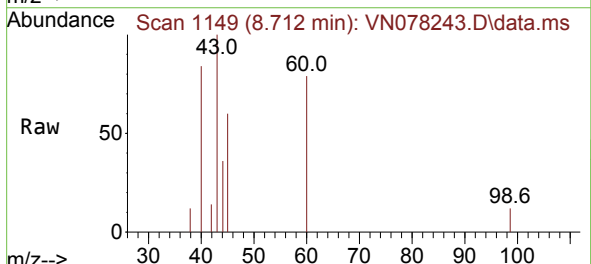


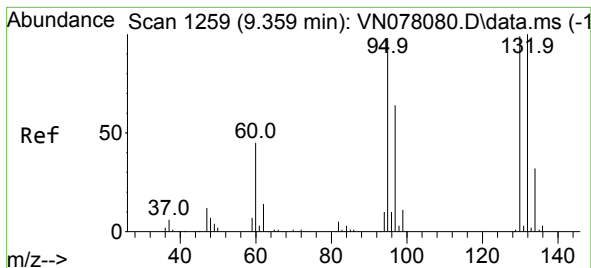
Tgt Ion: 41	Resp: 443
Ion Ratio	Lower Upper
41 100	
39 35.7	42.6 64.0#
67 0.0	77.5 116.3#
52 0.0	28.9 43.3#



#43
Isopropyl Acetate
Concen: 0.396 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

Tgt Ion: 43	Resp: 3091
Ion Ratio	Lower Upper
43 100	
61 0.0	24.7 37.1#
87 0.0	14.6 21.8#





#44

Trichloroethene

Concen: 1.040 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078243.D

Acq: 15 Jun 2023 21:10

Instrument :

MSVOA_N

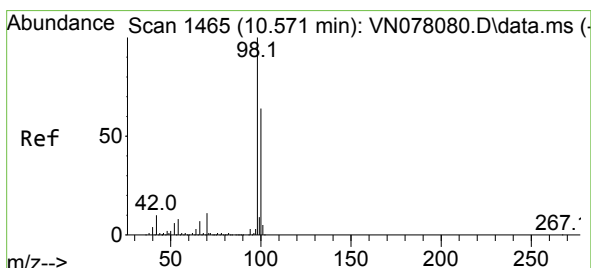
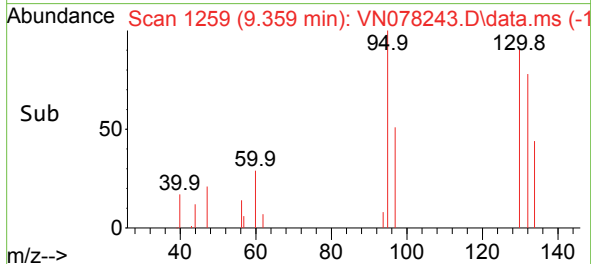
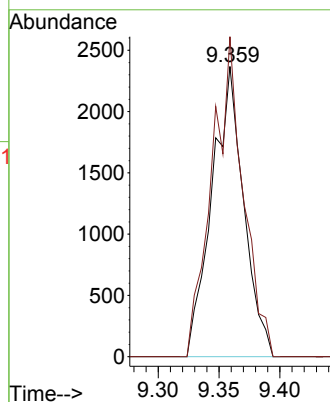
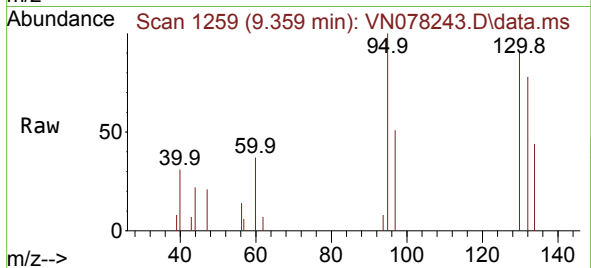
ClientSampleId :

Tgt Ion:130 Resp: 4285

Ion Ratio Lower Upper

130 100

95 110.3 0.0 204.6



#50

Toluene-d8

Concen: 50.380 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078243.D

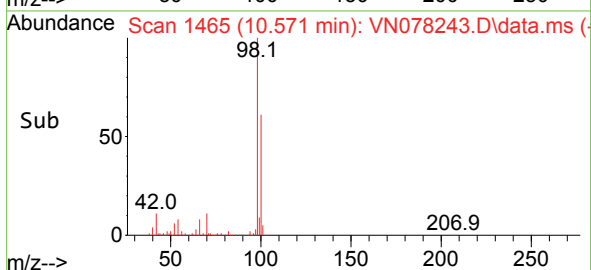
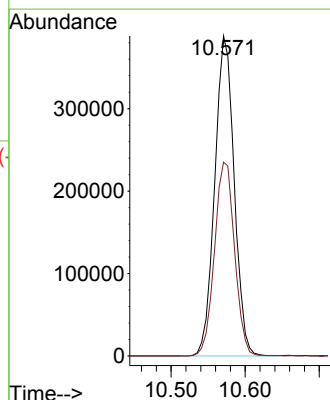
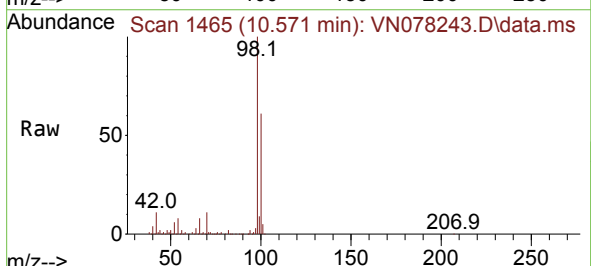
Acq: 15 Jun 2023 21:10

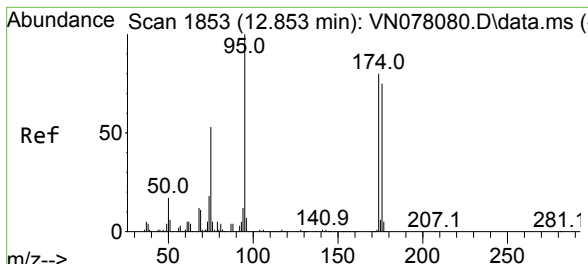
Tgt Ion: 98 Resp: 707916

Ion Ratio Lower Upper

98 100

100 62.5 52.0 78.0

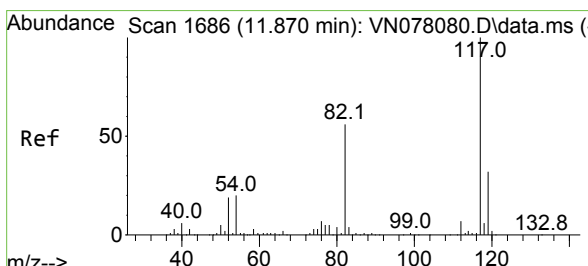
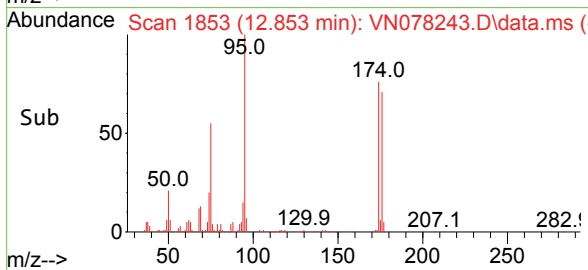
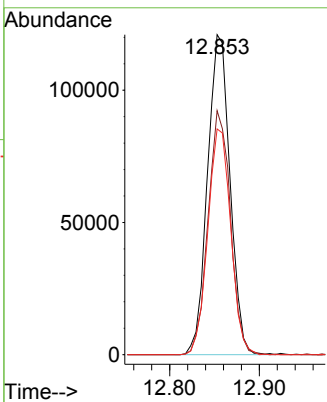
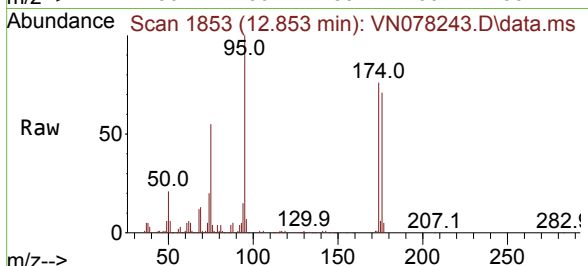




#62
 4-Bromofluorobenzene
 Concen: 48.201 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN078243.D
 Acq: 15 Jun 2023 21:10

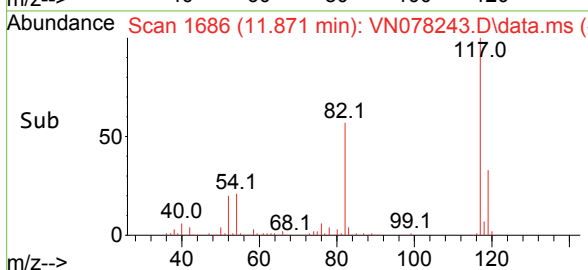
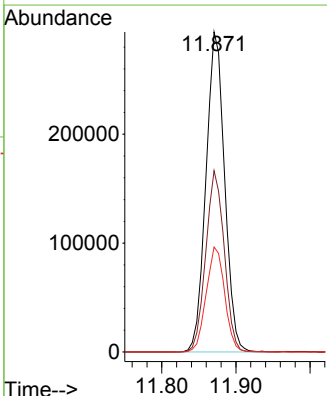
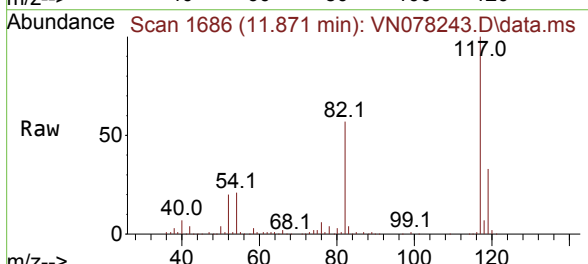
Instrument :
 MSVOA_N
 ClientSampleId :

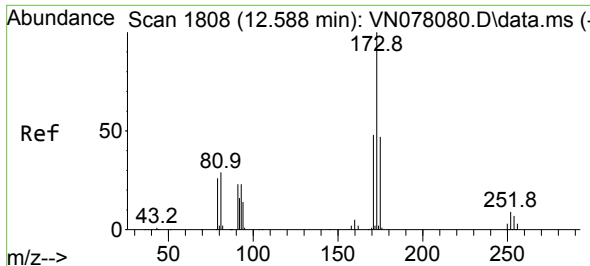
Tgt Ion:	95	Resp:	210554
Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	143.8
176	71.9	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN078243.D
 Acq: 15 Jun 2023 21:10

Tgt Ion:	117	Resp:	514594
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.0	66.0
119	32.8	25.6	38.4

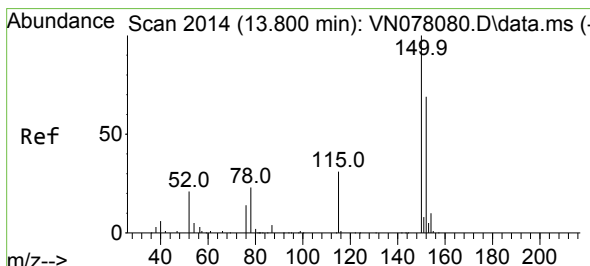
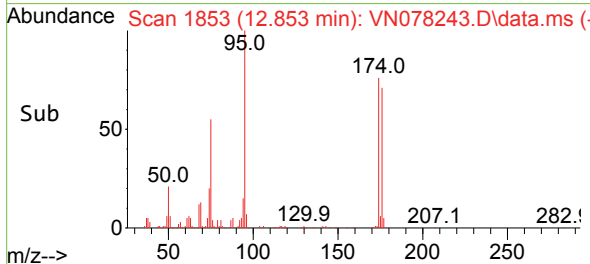
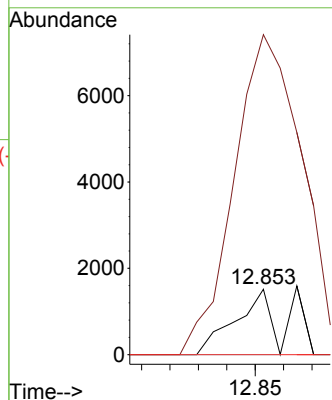
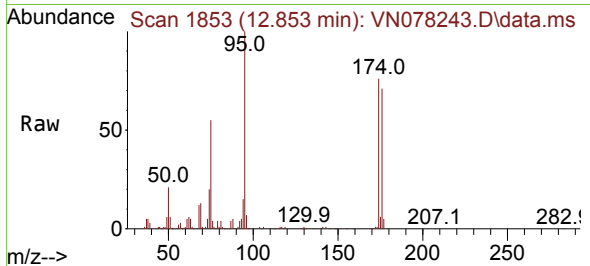




#71
Bromoform
Concen: 0.495 ug/l
RT: 12.853 min Scan# 1808
Delta R.T. 0.265 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

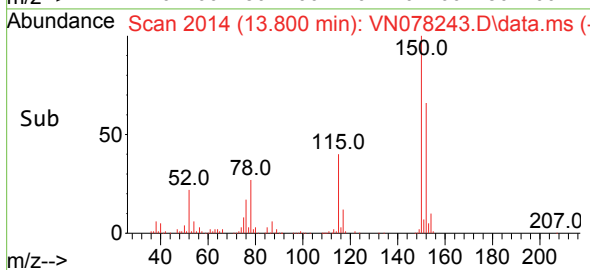
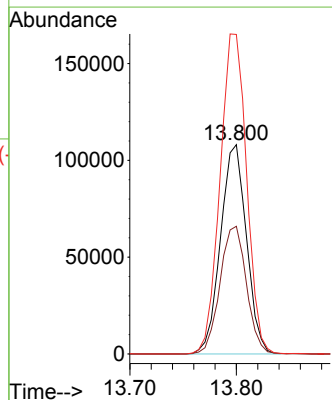
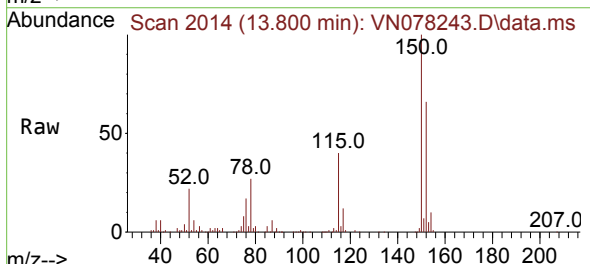
Instrument :
MSVOA_N
ClientSampleId :

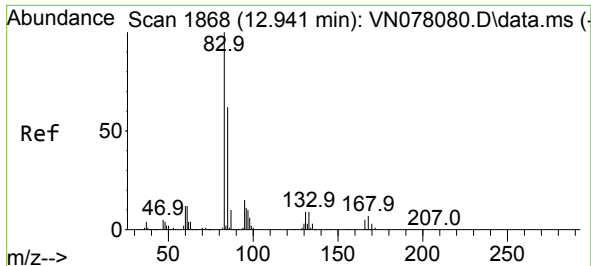
Tgt Ion:173 Resp: 1295
Ion Ratio Lower Upper
173 100
175 836.8 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

Tgt Ion:152 Resp: 182778
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 156.6 0.0 355.8

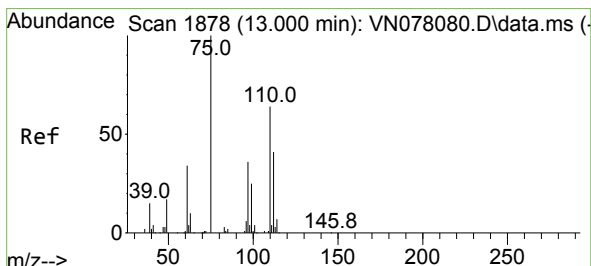
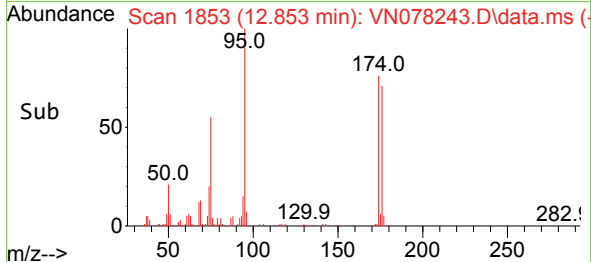
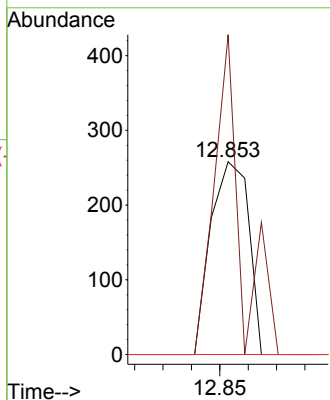
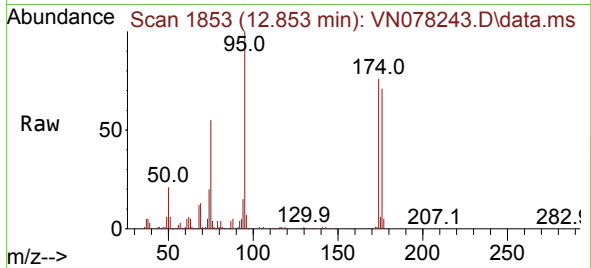




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.853 min Scan# 1853
Delta R.T. -0.088 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

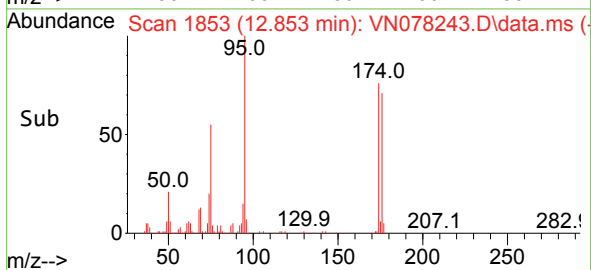
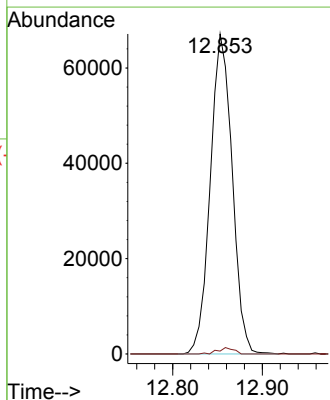
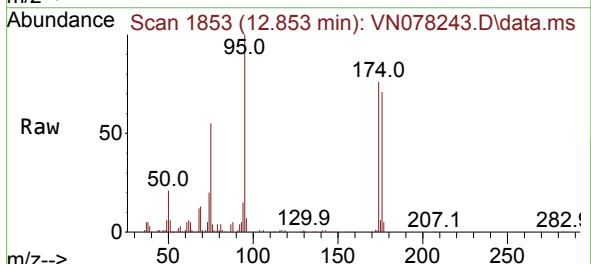
Instrument :
MSVOA_N
ClientSampleId :

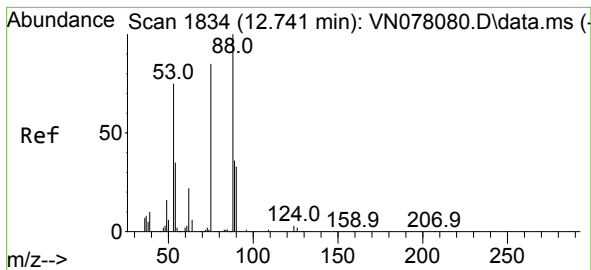
Tgt Ion: 83 Resp: 239
Ion Ratio Lower Upper
83 100
131 117.2 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 26.318 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078243.D
Acq: 15 Jun 2023 21:10

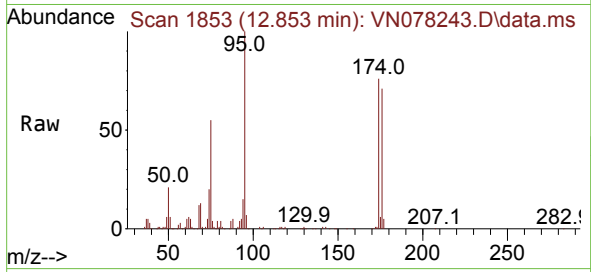
Tgt Ion: 75 Resp: 113718
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.857 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN078243.D
 Acq: 15 Jun 2023 21:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 113718
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.1 38.8 58.2#

