

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082048.D
 Acq On : 09 May 2024 14:10
 Operator : JC\MD
 Sample : P2428-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 03:51:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

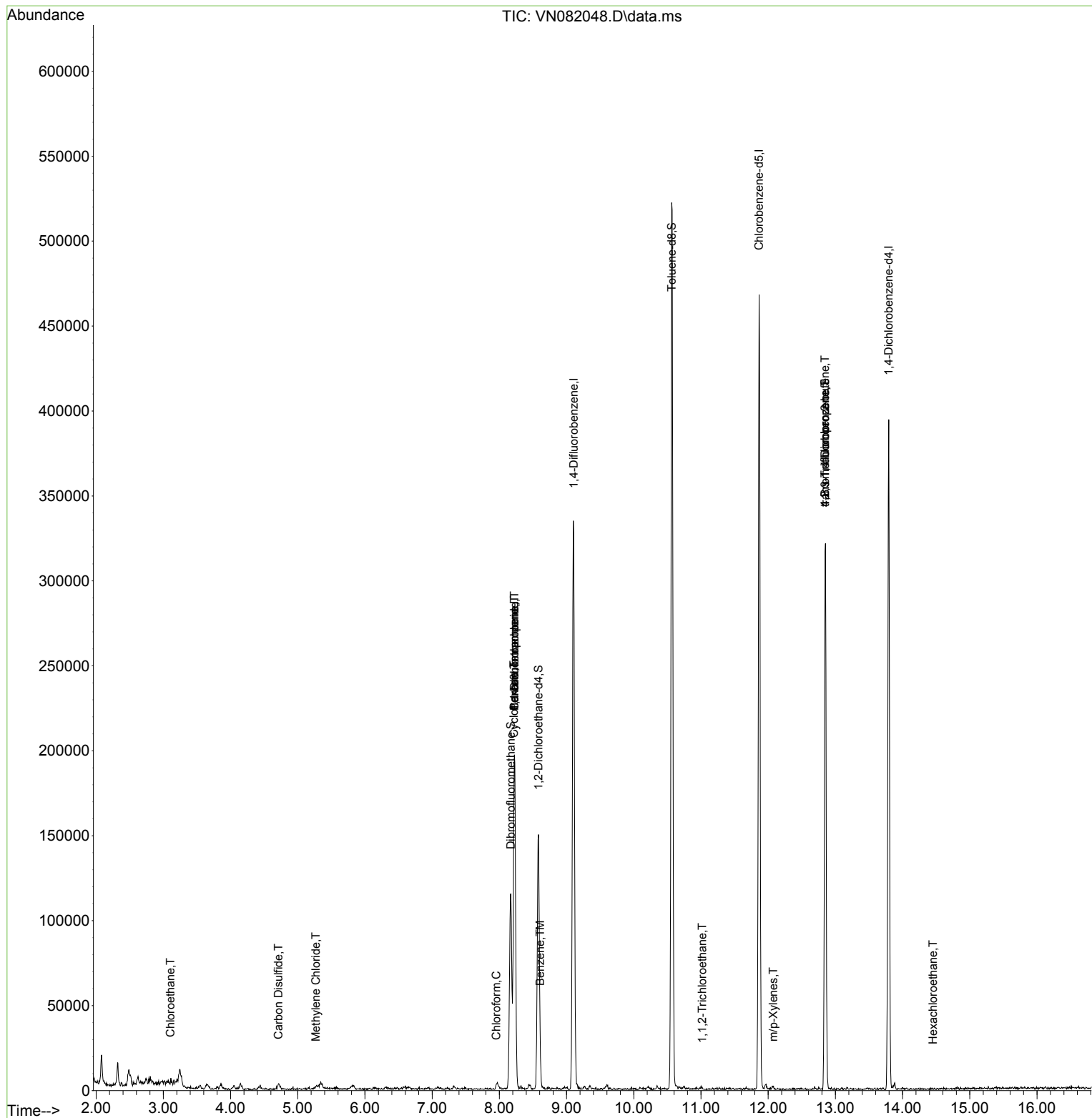
Internal Standards						
1) Pentafluorobenzene	8.224	168	127132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	115792	53.966	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.940%		
35) Dibromofluoromethane	8.171	113	84489	50.776	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.560%		
50) Toluene-d8	10.565	98	352536	53.945	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.900%		
62) 4-Bromofluorobenzene	12.847	95	114594	44.359	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 88.720%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	255	Below Cal	#	3
6) Chloroethane	3.106	64	189	0.222	ug/l #	44
13) Acrolein	4.136	56	54	Below Cal	#	1
16) Acetone	4.442	43	2837	Below Cal	#	81
17) Carbon Disulfide	4.712	76	1123	0.243	ug/l #	74
20) Methylene Chloride	5.271	84	740	0.402	ug/l #	75
30) Chloroform	7.953	83	1824	0.561	ug/l #	80
31) Cyclohexane	8.218	56	4973	1.539	ug/l #	60
36) 1,1-Dichloropropene	8.224	75	14728	5.441	ug/l #	48
38) Carbon Tetrachloride	8.224	117	15290	5.779	ug/l #	16
40) Benzene	8.606	78	2798	0.344	ug/l #	50
55) 1,1,2-Trichloroethane	11.018	97	914	0.478	ug/l #	14
68) m/p-Xylenes	12.076	106	853	0.238	ug/l #	62
76) 1,2,3-Trichloropropane	12.847	75	64584	27.766	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64584	56.896	ug/l #	12
90) Hexachloroethane	14.453	117	307	0.245	ug/l #	17

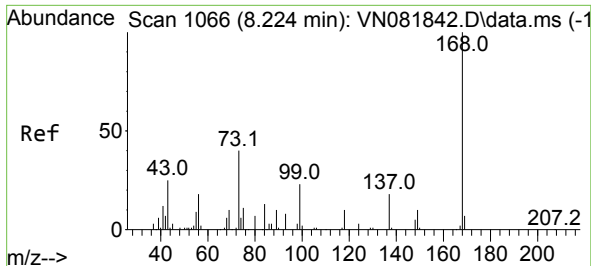
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
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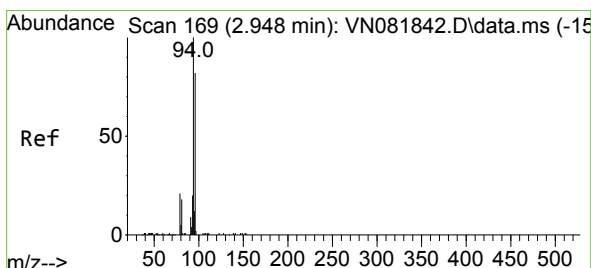
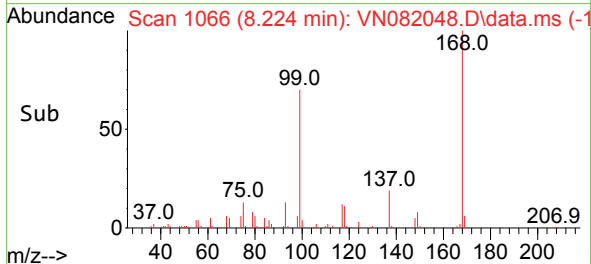
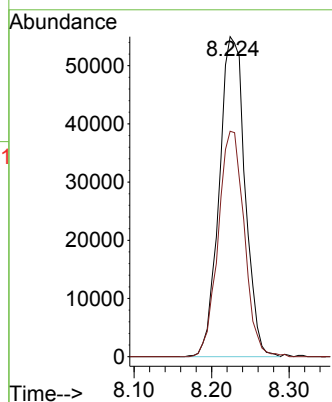
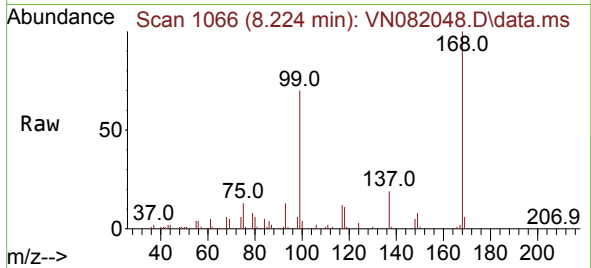




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

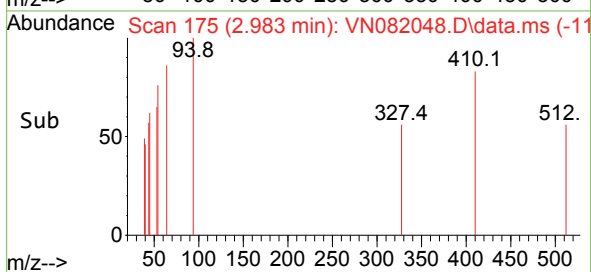
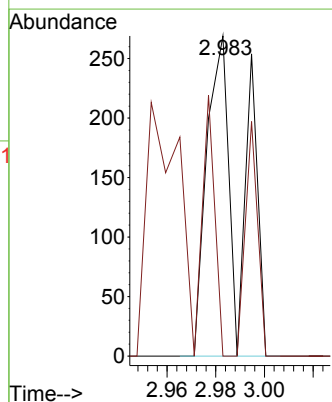
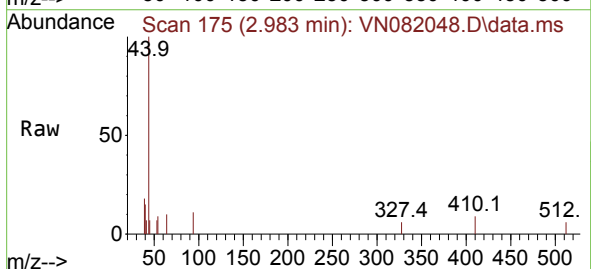
Instrument :
MSVOA_N
ClientSampleId :

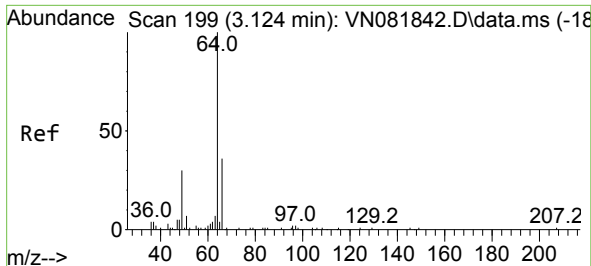
Tgt Ion:168 Resp: 127132
Ion Ratio Lower Upper
168 100
99 70.4 48.2 72.4



#5
Bromomethane
Concen: Below Cal
RT: 2.983 min Scan# 175
Delta R.T. 0.035 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

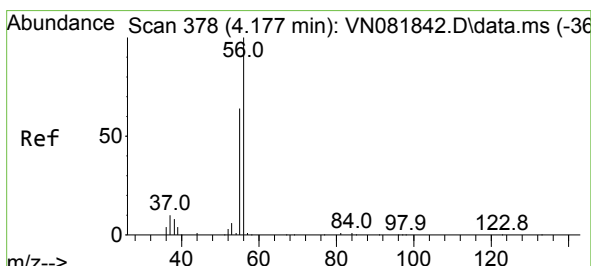
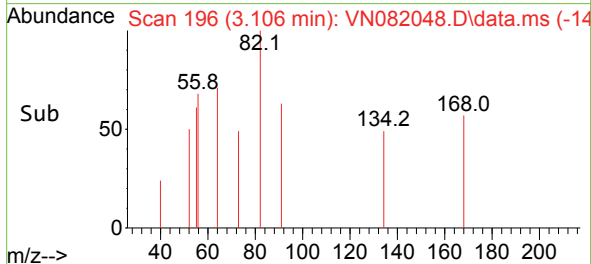
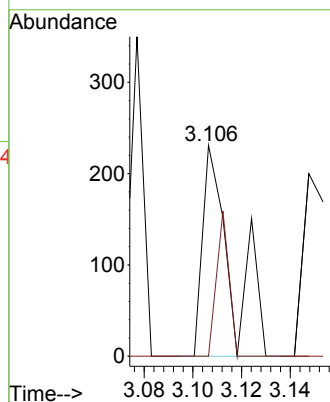
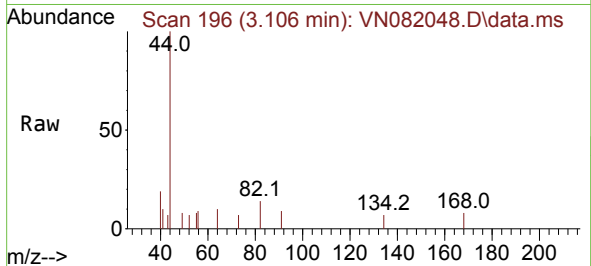




#6
Chloroethane
Concen: 0.222 ug/l
RT: 3.106 min Scan# 19
Delta R.T. -0.018 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

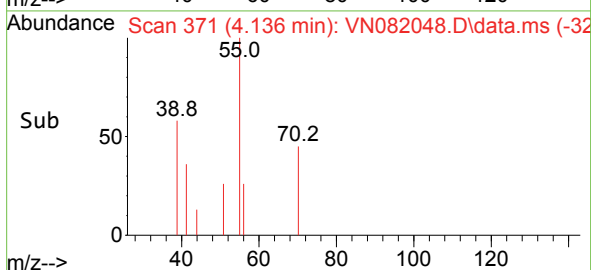
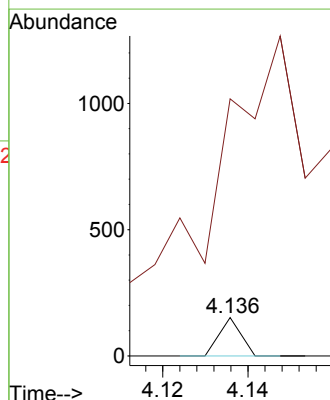
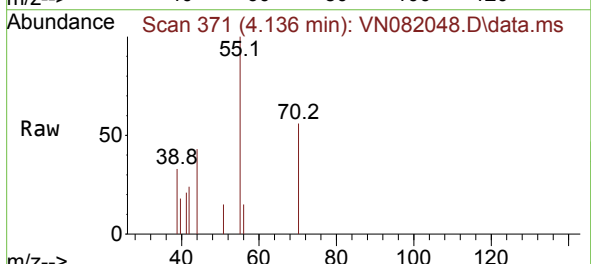
Instrument :
MSVOA_N
ClientSampleId :

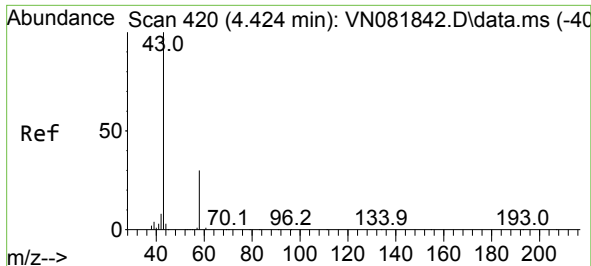
Tgt Ion: 64 Resp: 189
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.136 min Scan# 371
Delta R.T. -0.041 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 6083.3 55.8 83.8#

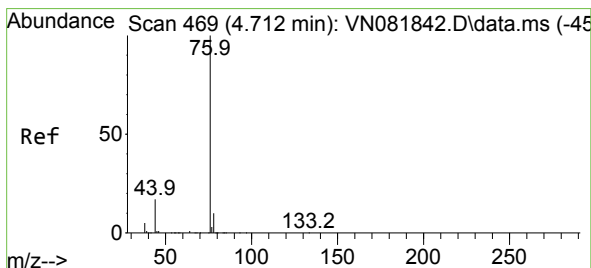
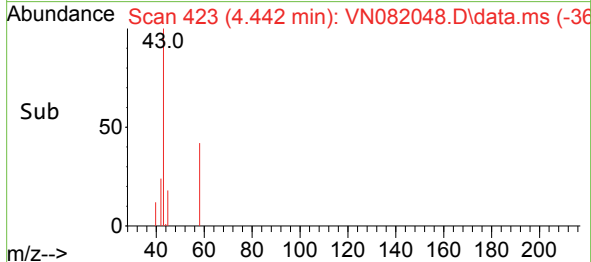
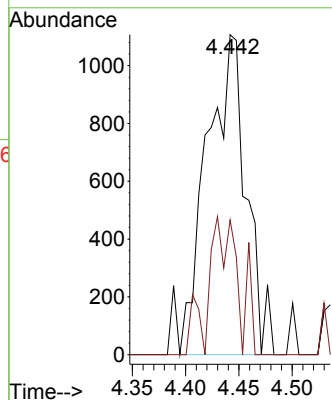
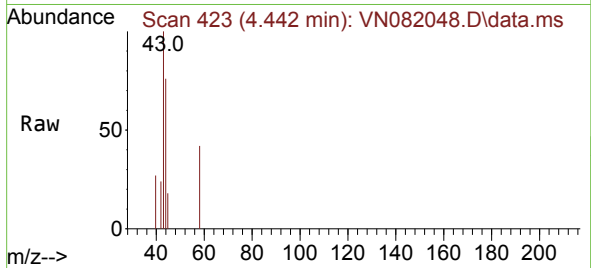




#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

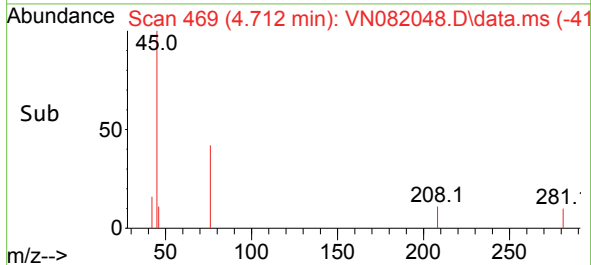
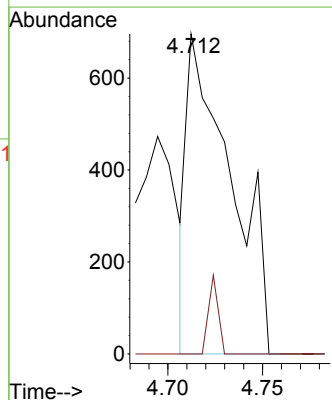
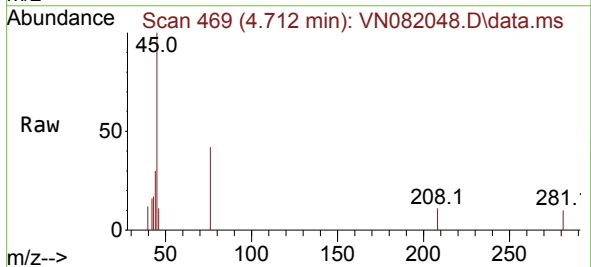
Instrument :
MSVOA_N
ClientSampleId :

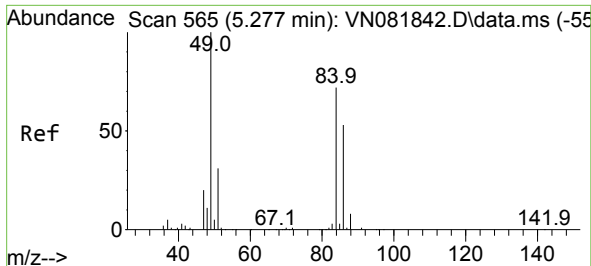
Tgt Ion: 43 Resp: 2837
Ion Ratio Lower Upper
43 100
58 42.1 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.243 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

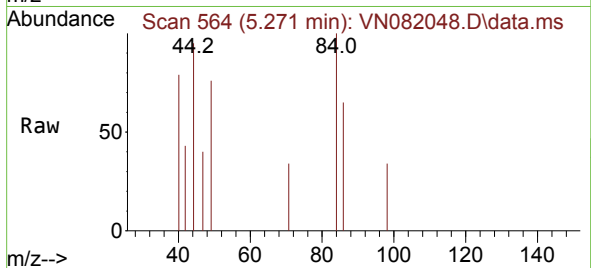
Tgt Ion: 76 Resp: 1123
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



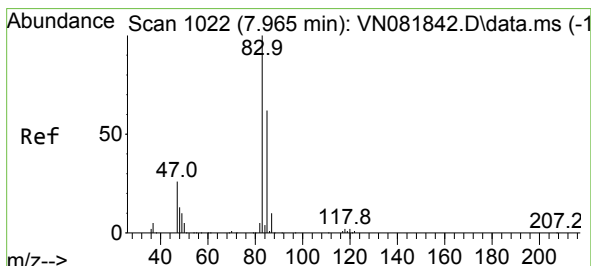
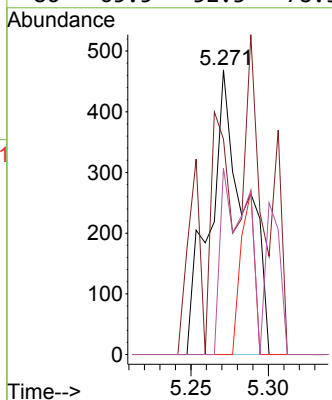
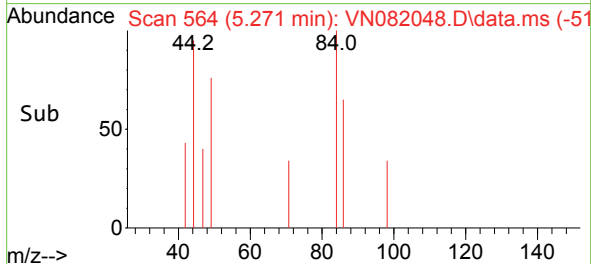


#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

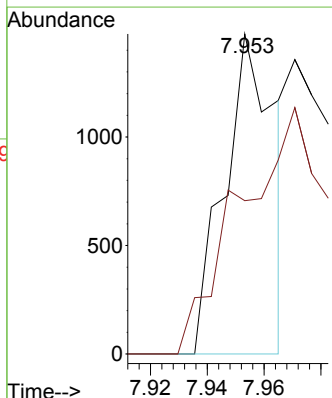
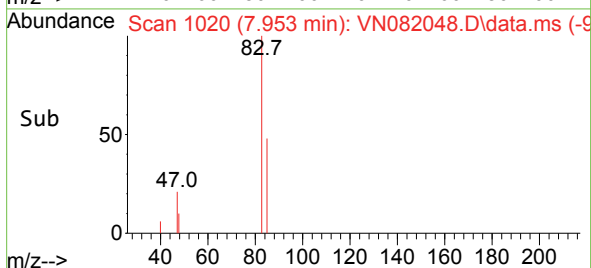
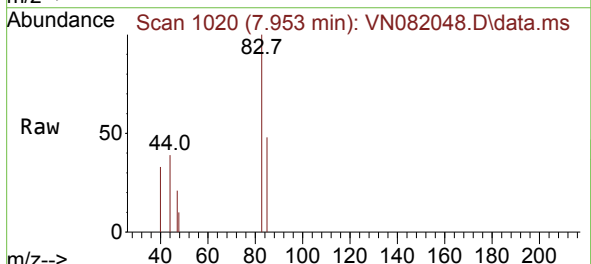


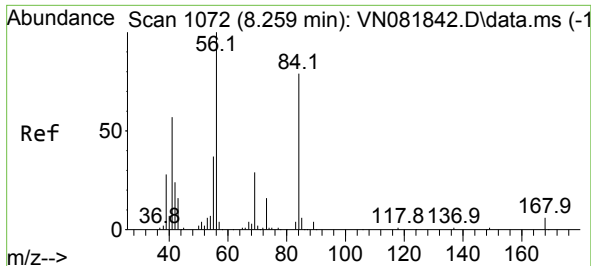
Tgt Ion:	84	Resp:	740
Ion	Ratio	Lower	Upper
84	100		
49	75.7	84.9	127.3#
51	0.0	27.0	40.6#
86	65.5	52.3	78.5



#30
Chloroform
Concen: 0.561 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

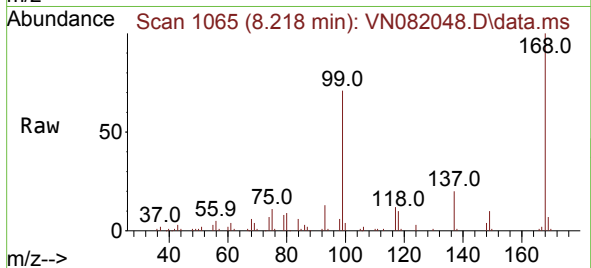
Tgt Ion:	83	Resp:	1824
Ion	Ratio	Lower	Upper
83	100		
85	47.9	50.7	76.1#



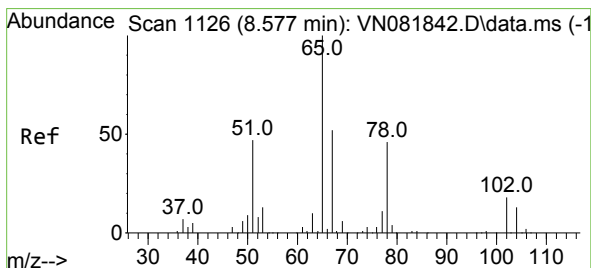
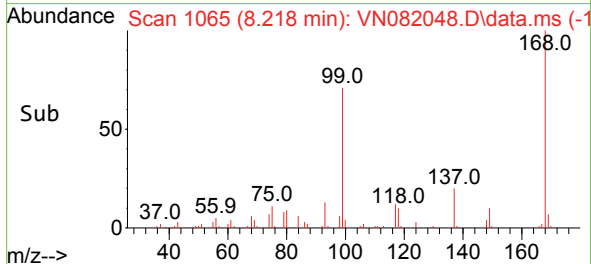
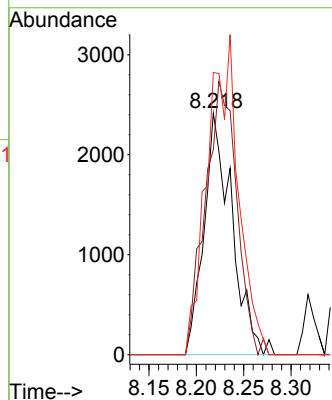


#31
Cyclohexane
Concen: 1.539 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

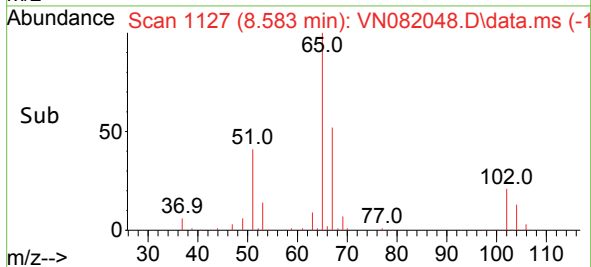
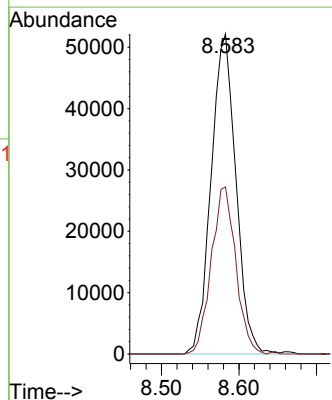
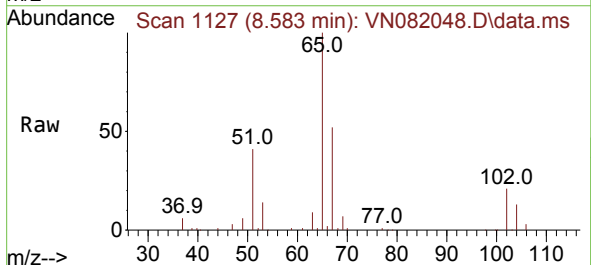


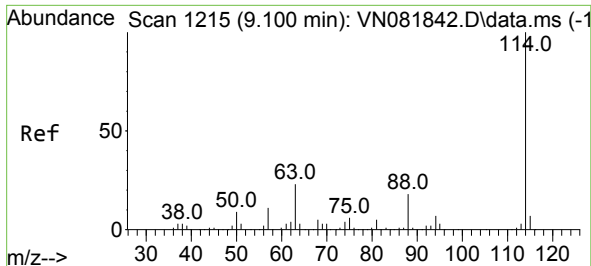
Tgt Ion: 56 Resp: 4973
Ion Ratio Lower Upper
56 100
69 84.8 24.4 36.6#
84 116.8 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 53.966 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

Tgt Ion: 65 Resp: 115792
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082048.D

Acq: 09 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

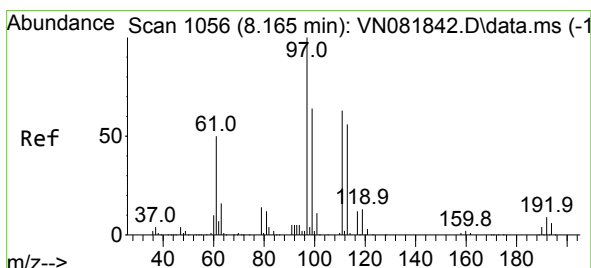
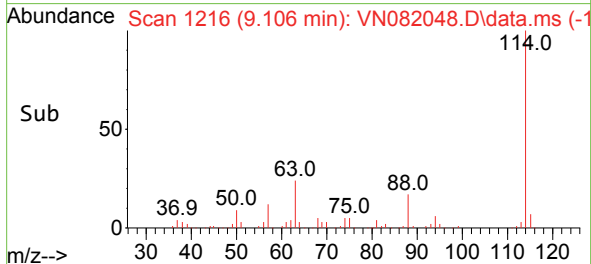
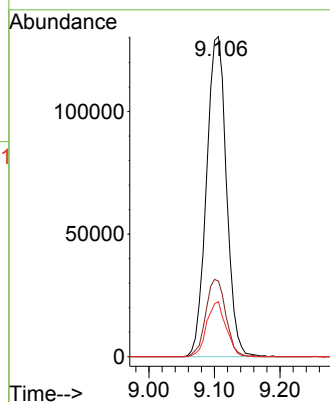
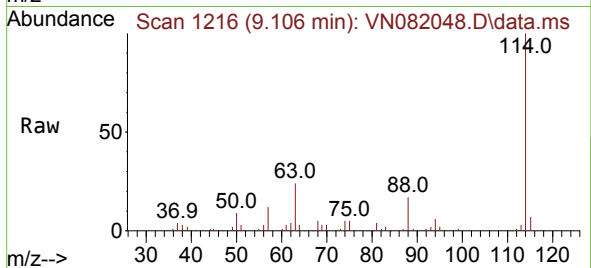
Tgt Ion:114 Resp: 276364

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 17.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.776 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082048.D

Acq: 09 May 2024 14:10

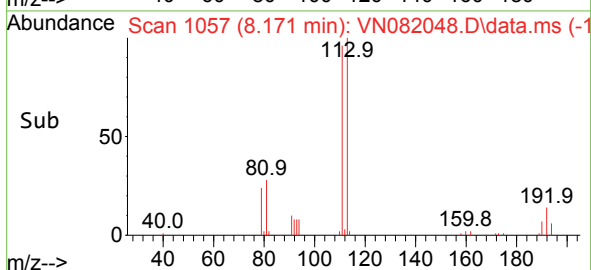
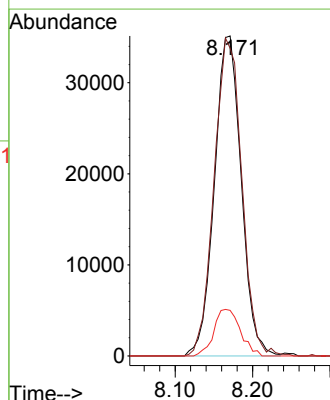
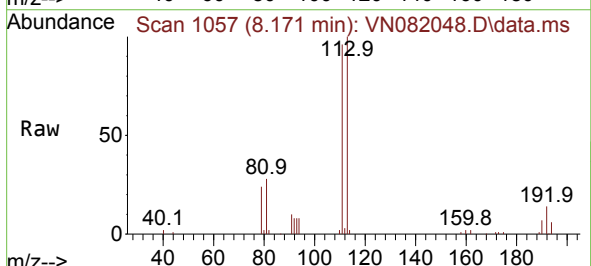
Tgt Ion:113 Resp: 84489

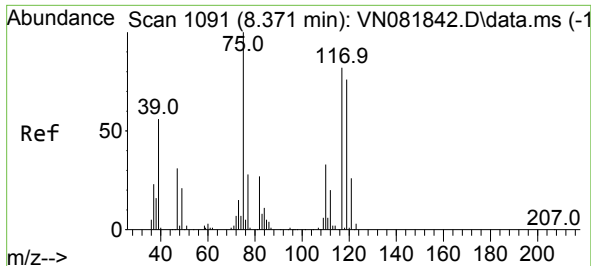
Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 14.4 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.441 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082048.D

Acq: 09 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

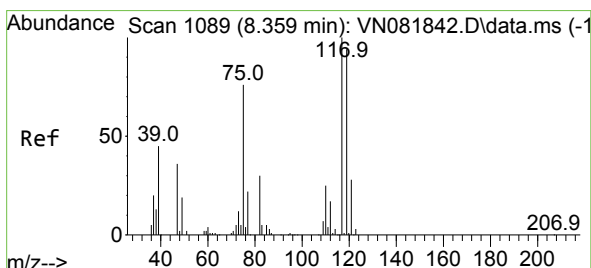
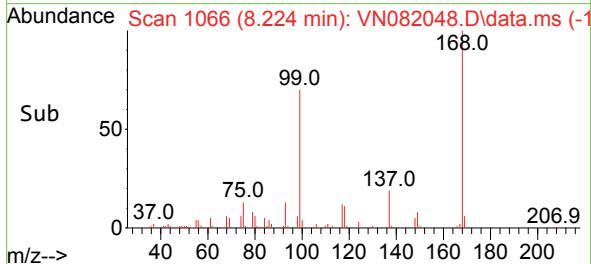
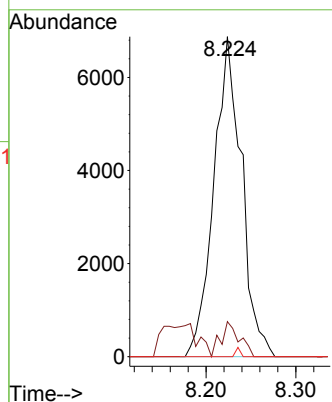
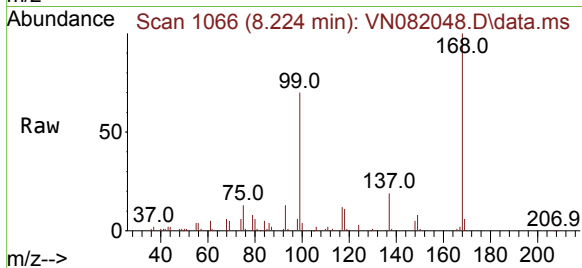
Tgt Ion: 75 Resp: 14728

Ion Ratio Lower Upper

75 100

110 7.3 17.8 53.5#

77 0.5 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.779 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN082048.D

Acq: 09 May 2024 14:10

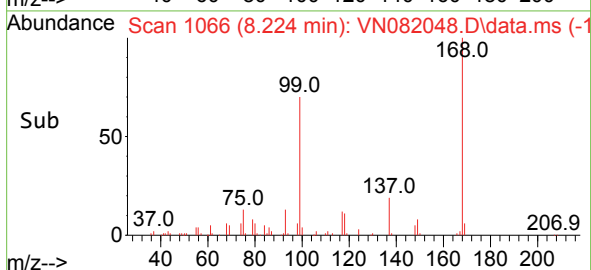
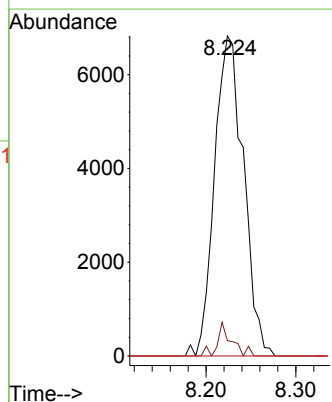
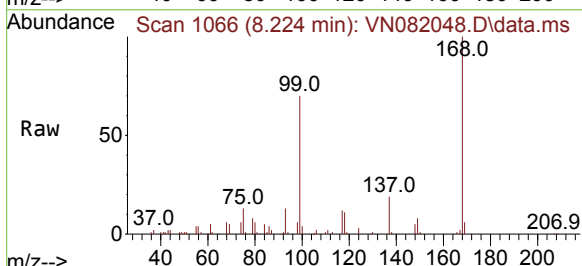
Tgt Ion: 117 Resp: 15290

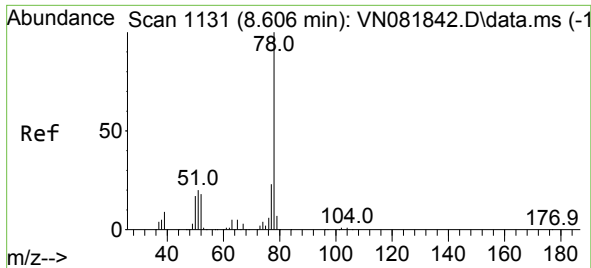
Ion Ratio Lower Upper

117 100

119 4.7 76.5 114.7#

121 0.0 23.9 35.9#

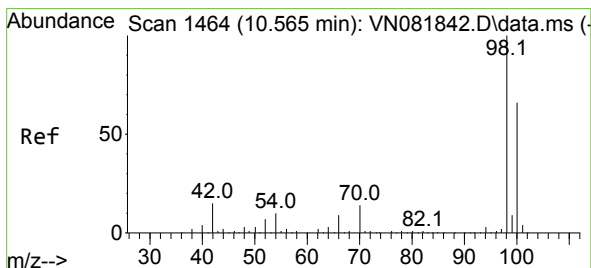
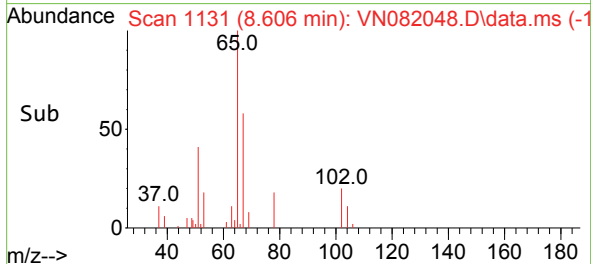
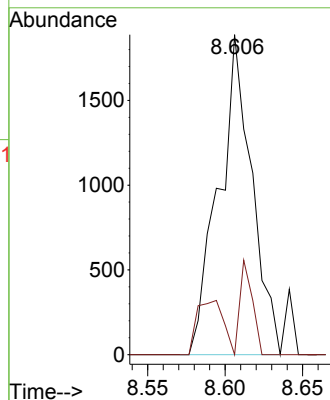
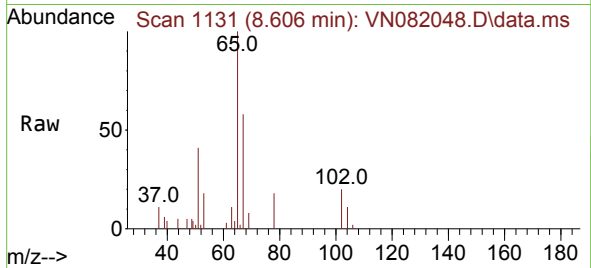




#40
Benzene
Concen: 0.344 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

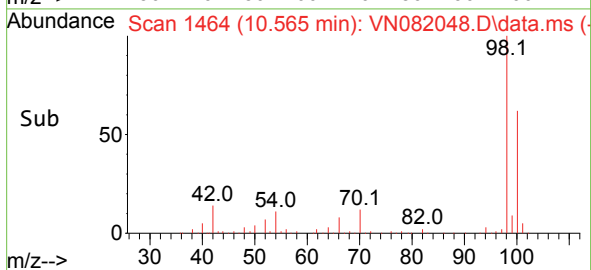
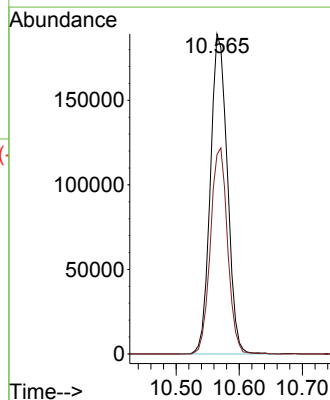
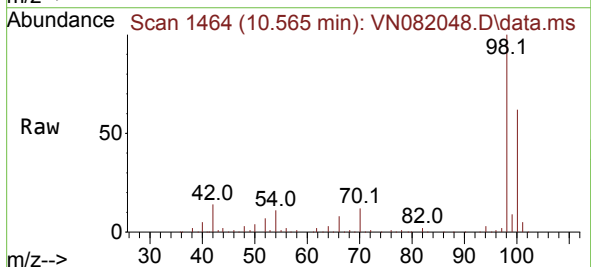
Instrument :
MSVOA_N
ClientSampleId :

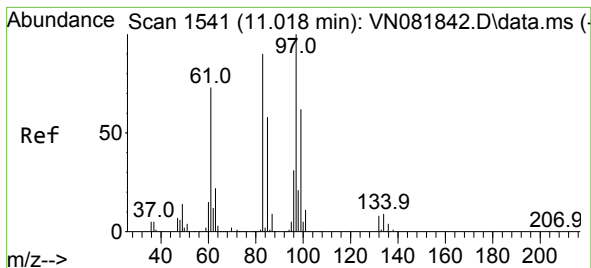
Tgt Ion: 78 Resp: 2798
Ion Ratio Lower Upper
78 100
77 0.0 20.0 30.0#



#50
Toluene-d8
Concen: 53.945 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

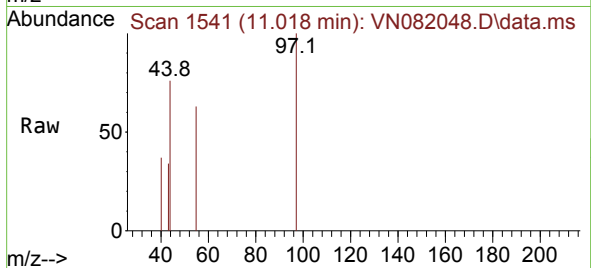
Tgt Ion: 98 Resp: 352536
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



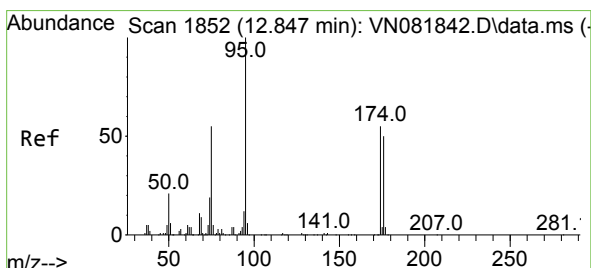
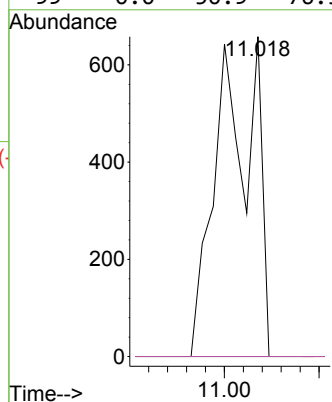
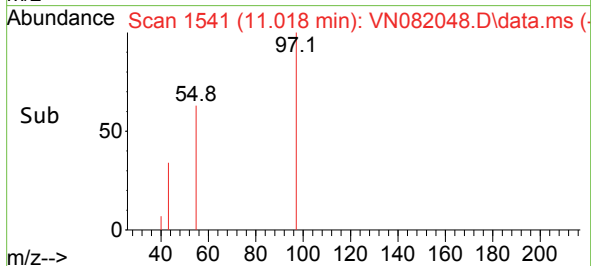


#55
1,1,2-Trichloroethane
Concen: 0.478 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

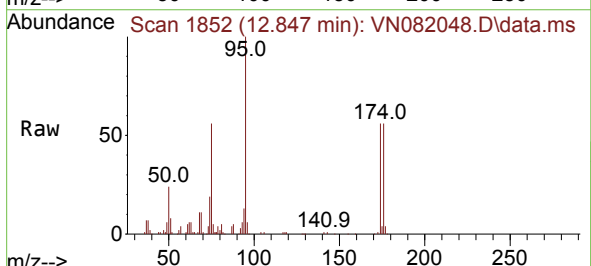
Instrument :
MSVOA_N
ClientSampleId :



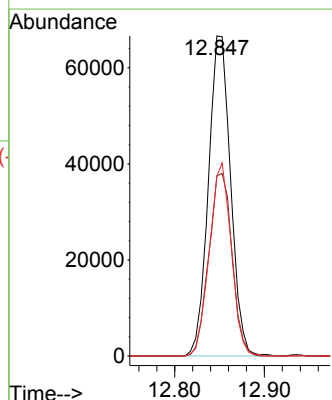
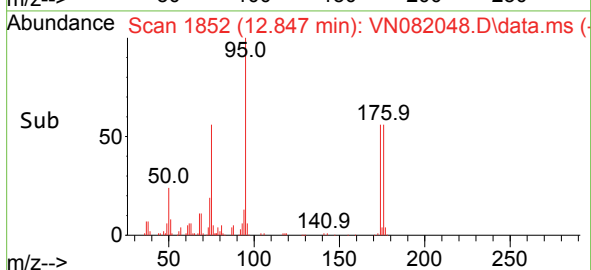
Tgt Ion: 97	Resp: 914
Ion Ratio	Lower Upper
97 100	
83 0.0	70.4 105.6#
85 0.0	45.6 68.4#
99 0.0	50.9 76.3#

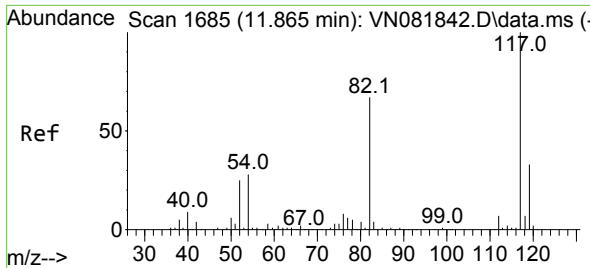


#62
4-Bromofluorobenzene
Concen: 44.359 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10



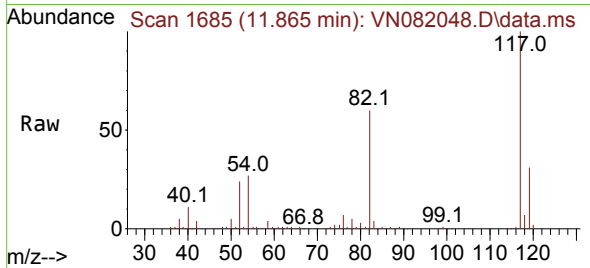
Tgt Ion: 95	Resp: 114594
Ion Ratio	Lower Upper
95 100	
174 59.5	0.0 160.6
176 59.2	0.0 152.8



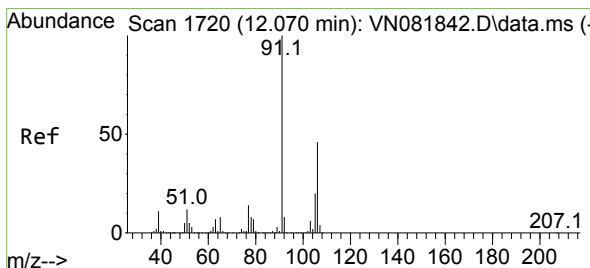
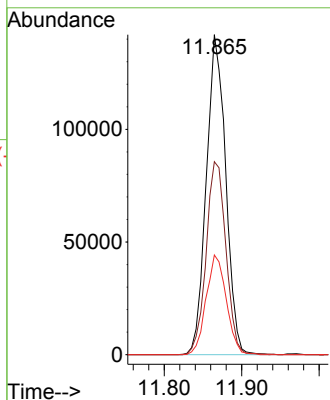
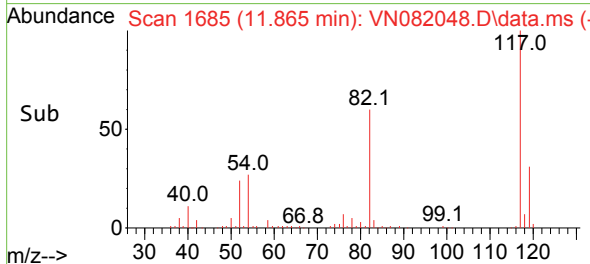


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

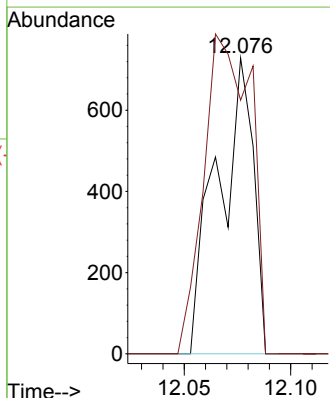
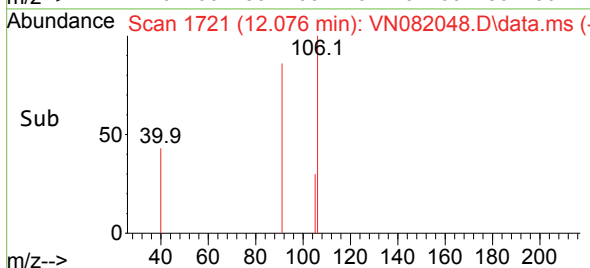
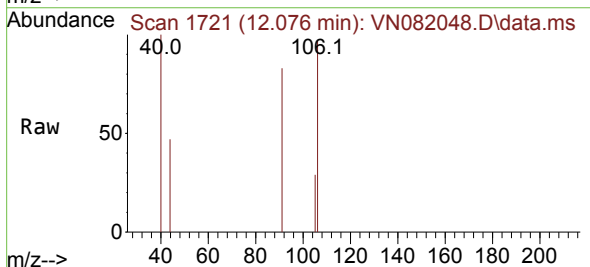


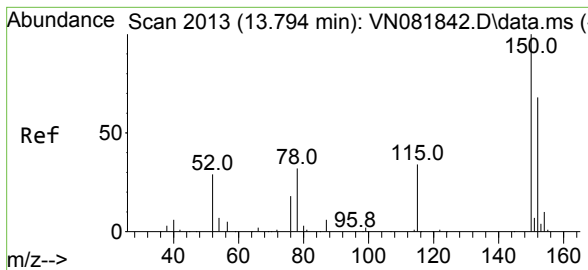
Tgt Ion:117 Resp: 247034
Ion Ratio Lower Upper
117 100
82 60.3 44.6 66.8
119 31.1 25.9 38.9



#68
m/p-Xylenes
Concen: 0.238 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

Tgt Ion:106 Resp: 853
Ion Ratio Lower Upper
106 100
91 141.6 159.4 239.0#

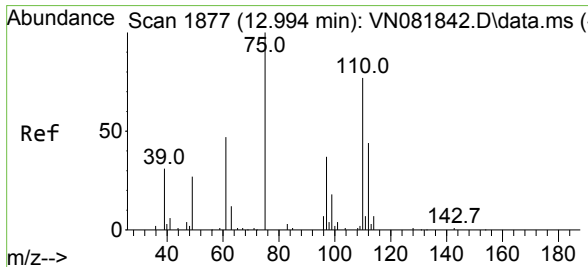
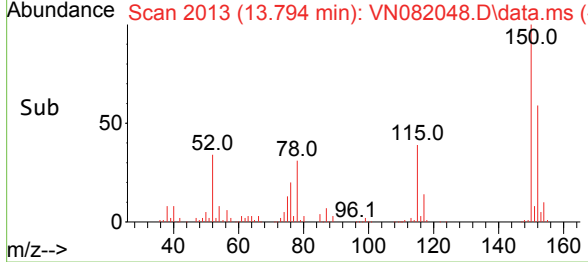
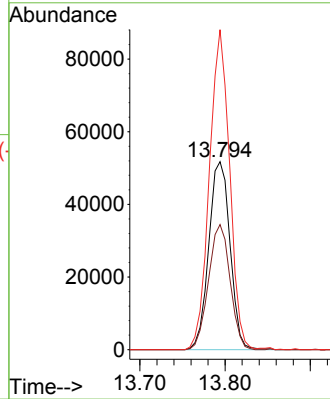
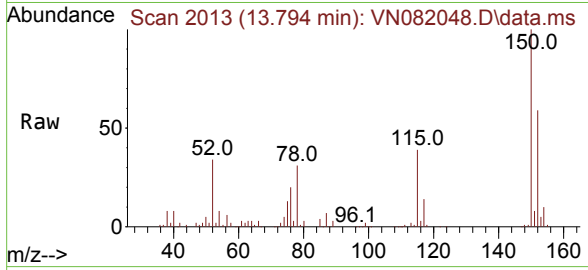




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082048.D
 Acq: 09 May 2024 14:10

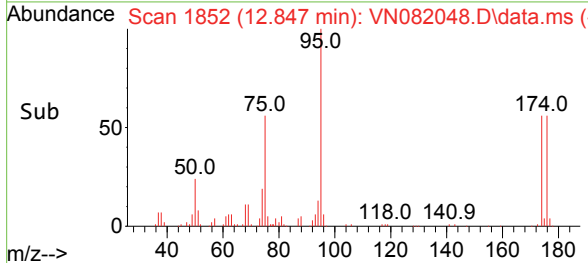
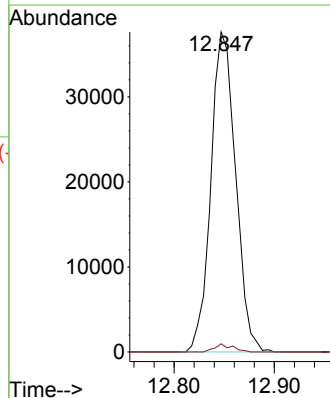
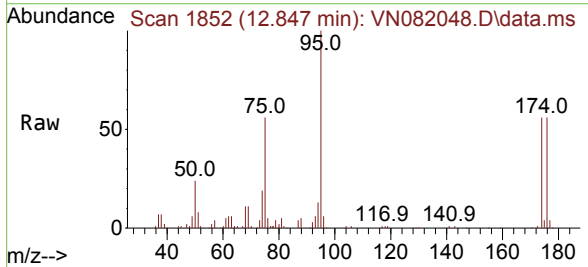
Instrument :
 MSVOA_N
 ClientSampleId :

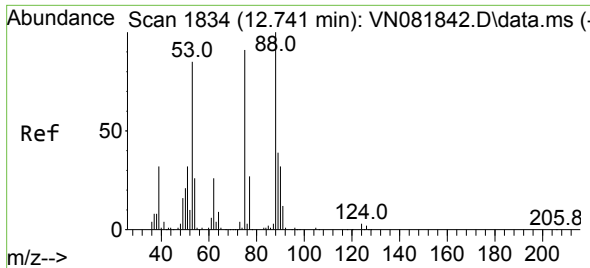
Tgt Ion:152 Resp: 89712
 Ion Ratio Lower Upper
 152 100
 115 67.4 30.4 91.3
 150 161.6 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 27.766 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082048.D
 Acq: 09 May 2024 14:10

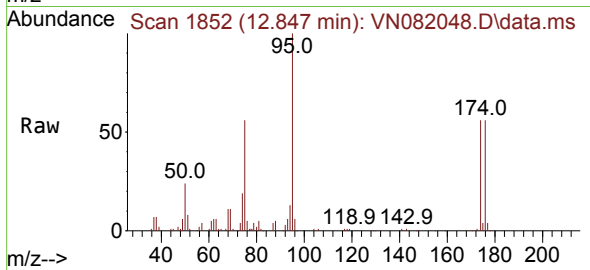
Tgt Ion: 75 Resp: 64584
 Ion Ratio Lower Upper
 75 100
 77 1.8 90.5 271.3#



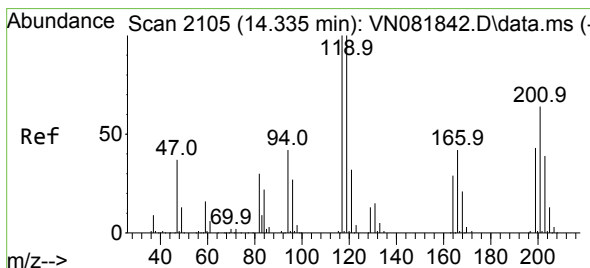
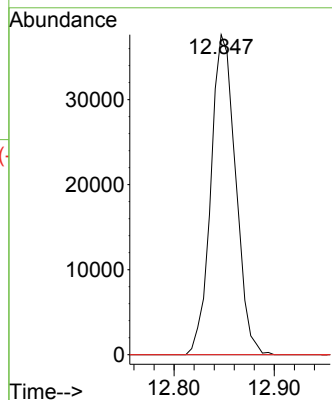
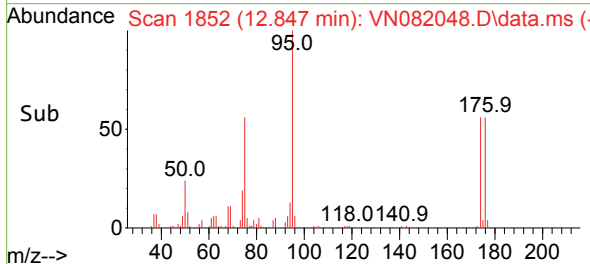


#81
trans-1,4-Dichloro-2-butene
Concen: 56.896 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 64584
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#90
Hexachloroethane
Concen: 0.245 ug/l
RT: 14.453 min Scan# 2125
Delta R.T. 0.118 min
Lab File: VN082048.D
Acq: 09 May 2024 14:10

Tgt Ion: 117 Resp: 307
Ion Ratio Lower Upper
117 100
201 0.0 33.3 99.8#

