

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082065.D
 Acq On : 10 May 2024 13:12
 Operator : JC\MD
 Sample : VN0510WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 23:19:58 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

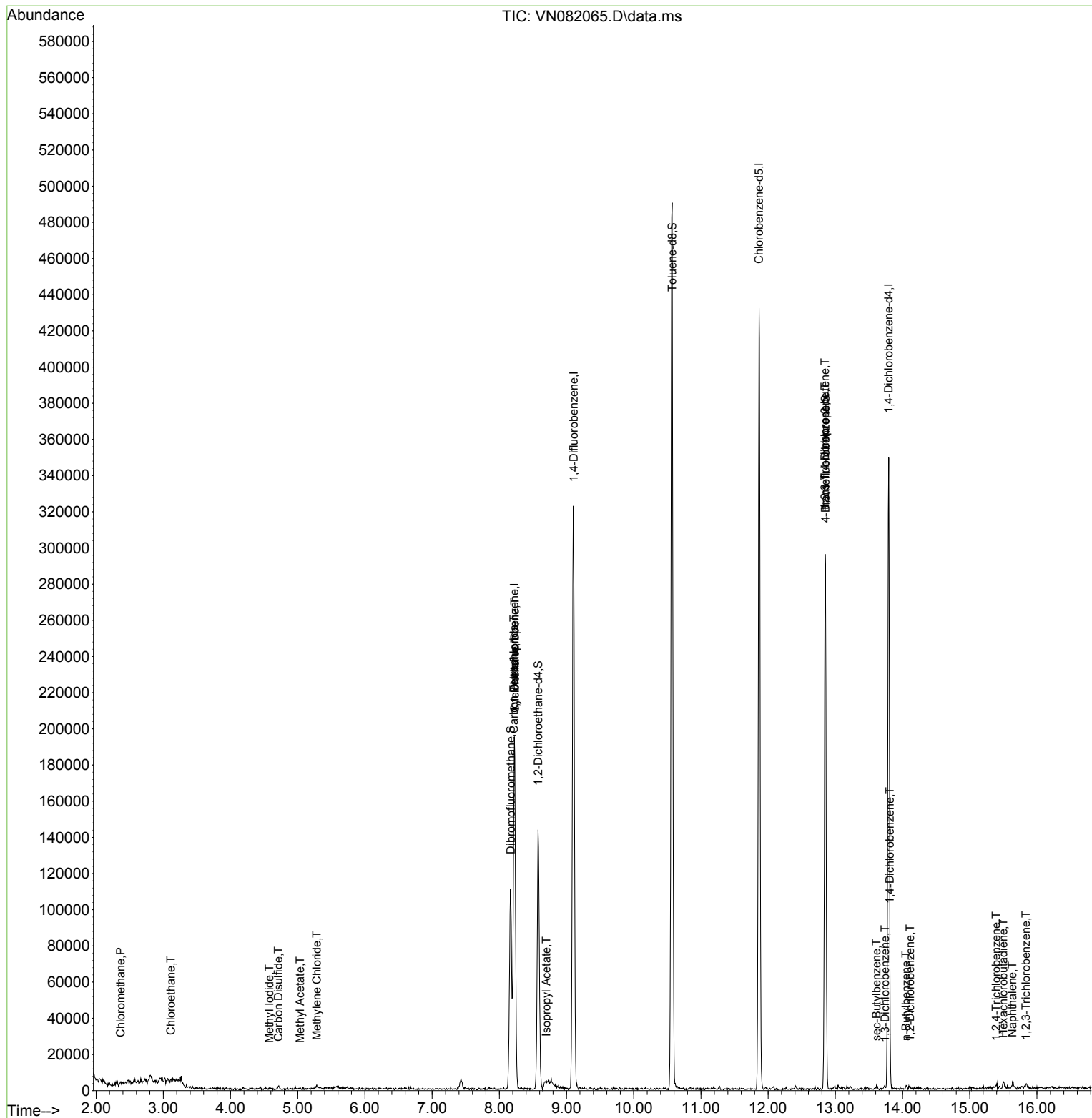
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	123724	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	265555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109165	52.279	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.560%	
35) Dibromofluoromethane	8.171	113	80542	50.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.740%	
50) Toluene-d8	10.571	98	330995	52.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.853	95	103832	41.829	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 83.660%	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1000	0.552	ug/l	# 43
5) Bromomethane	2.977	94	804	Below Cal	#	34
6) Chloroethane	3.112	64	217	0.262	ug/l	# 44
10) Methyl Iodide	4.577	142	385	0.298	ug/l	# 40
13) Acrolein	4.177	56	112	Below Cal	#	1
16) Acetone	4.418	43	261	Below Cal	#	43
17) Carbon Disulfide	4.712	76	2581	0.573	ug/l	# 74
18) Methyl Acetate	5.036	43	457	0.216	ug/l	# 47
20) Methylene Chloride	5.283	84	1151	0.643	ug/l	# 54
31) Cyclohexane	8.230	56	4654	1.479	ug/l	# 52
36) 1,1-Dichloropropene	8.230	75	14394	5.534	ug/l	# 47
38) Carbon Tetrachloride	8.218	117	13933	5.481	ug/l	# 16
43) Isopropyl Acetate	8.700	43	4572	0.865	ug/l	# 52
76) 1,2,3-Trichloropropane	12.847	75	62569	29.469	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	62569	60.386	ug/l	# 13
85) sec-Butylbenzene	13.612	105	1446	0.200	ug/l	# 71
87) 1,3-Dichlorobenzene	13.741	146	653	0.230	ug/l	# 37
88) 1,4-Dichlorobenzene	13.812	146	780	0.279	ug/l	# 5
89) n-Butylbenzene	14.053	91	1210	0.224	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	804	0.295	ug/l	# 54
93) 1,2,4-Trichlorobenzene	15.394	180	859	0.563	ug/l	# 58
94) Hexachlorobutadiene	15.500	225	667	1.187	ug/l	# 57
95) Naphthalene	15.635	128	3898	0.677	ug/l	# 84
96) 1,2,3-Trichlorobenzene	15.835	180	1292	0.883	ug/l	# 62

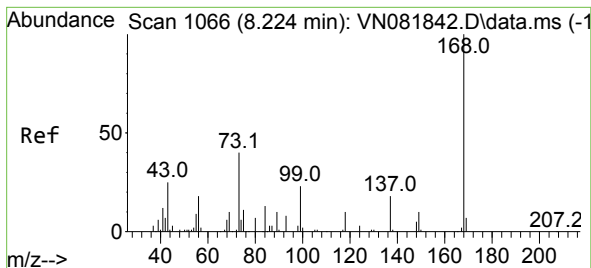
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
Data File : VN082065.D
Acq On : 10 May 2024 13:12
Operator : JC\MD
Sample : VN0510WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 10 23:19:58 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082065.D

Acq: 10 May 2024 13:12

Instrument :

MSVOA_N

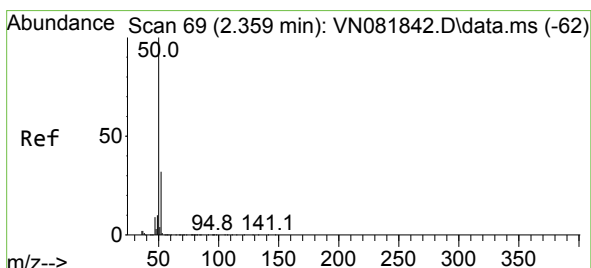
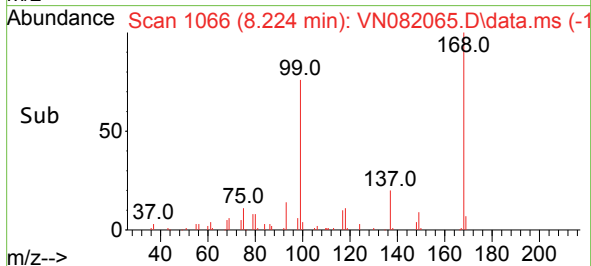
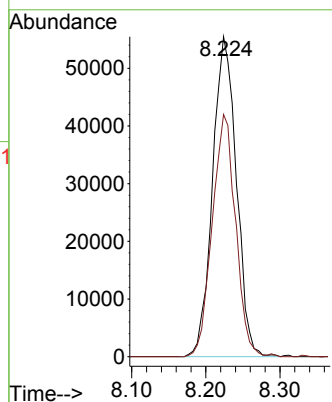
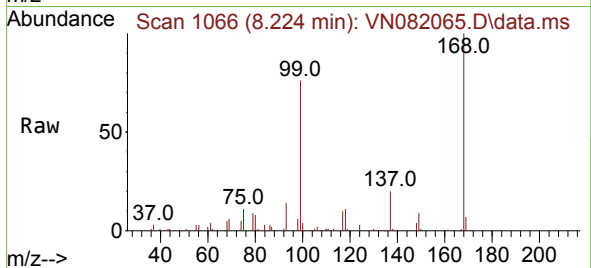
ClientSampleId :

Tgt Ion:168 Resp: 123724

Ion Ratio Lower Upper

168 100

99 75.7 48.2 72.4#



#3

Chloromethane

Concen: 0.552 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082065.D

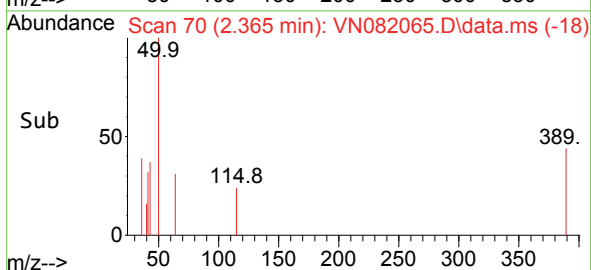
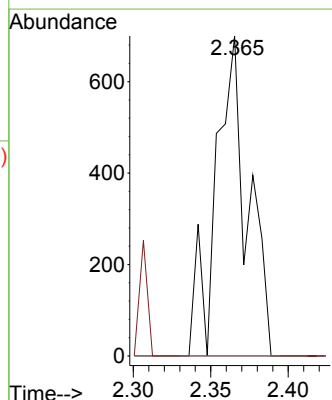
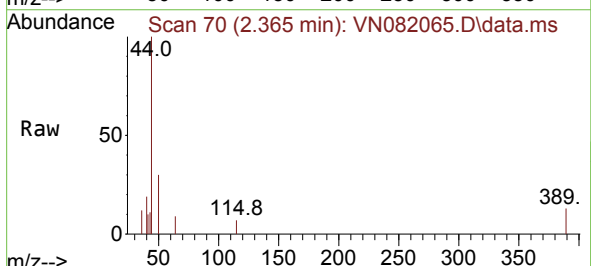
Acq: 10 May 2024 13:12

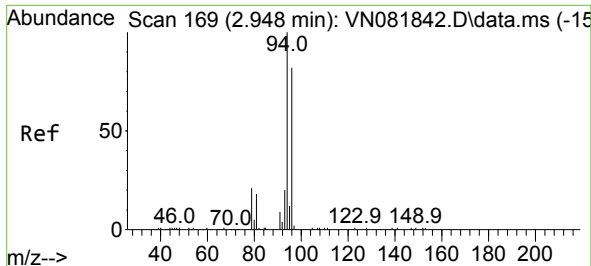
Tgt Ion: 50 Resp: 1000

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

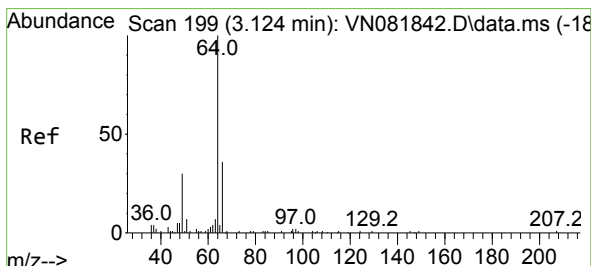
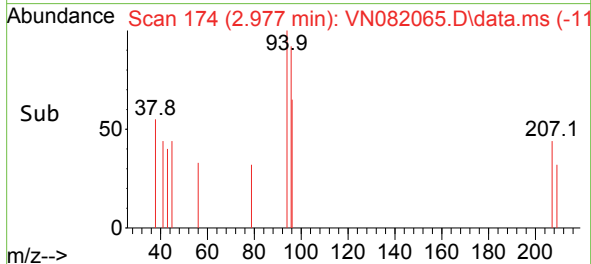
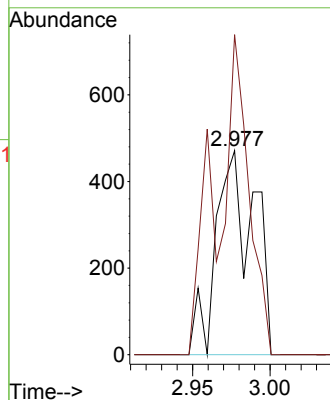
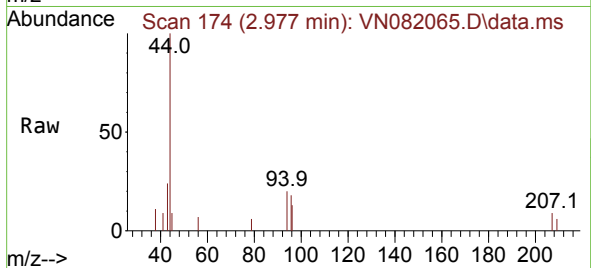




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

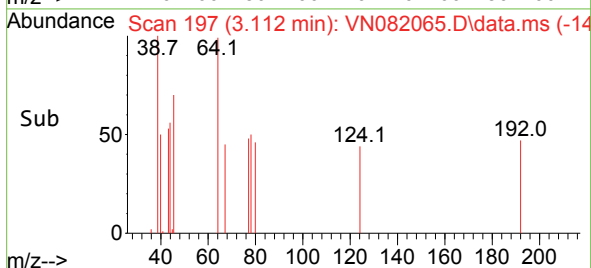
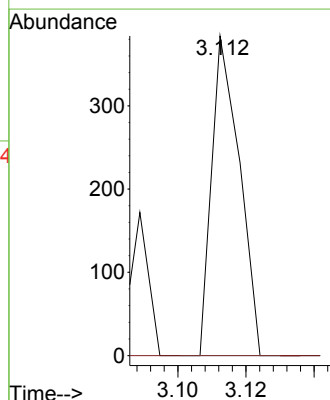
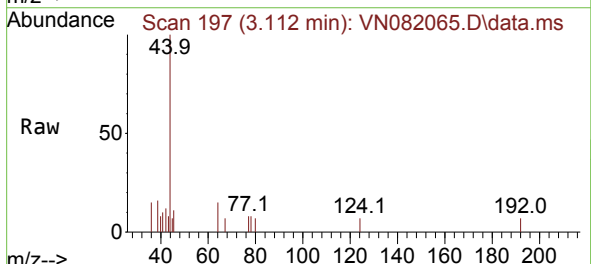
Instrument :
MSVOA_N
ClientSampleId :

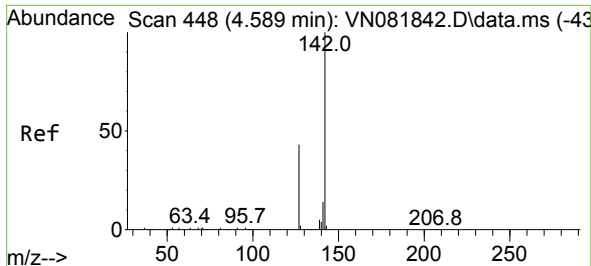
Tgt Ion: 94 Resp: 804
Ion Ratio Lower Upper
94 100
96 156.9 74.8 112.2#



#6
Chloroethane
Concen: 0.262 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

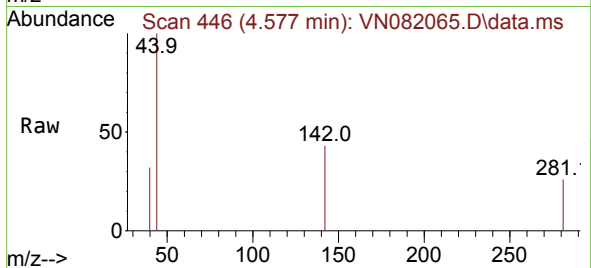
Tgt Ion: 64 Resp: 217
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



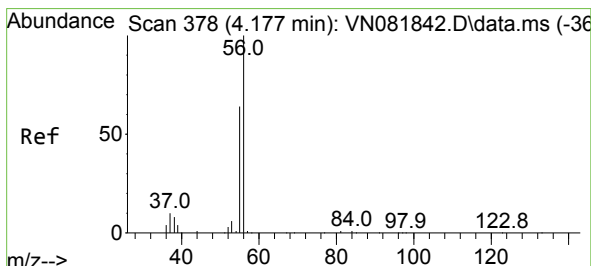
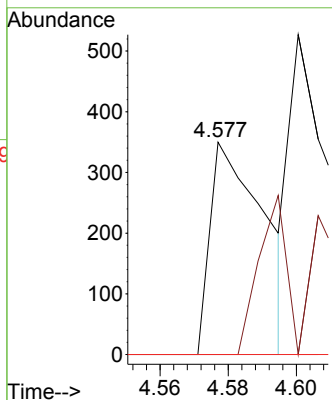
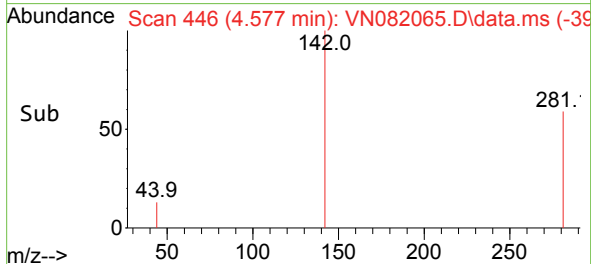


#10
Methyl Iodide
Concen: 0.298 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

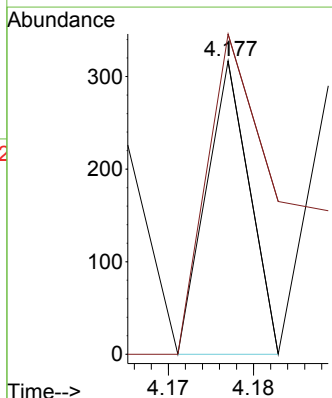
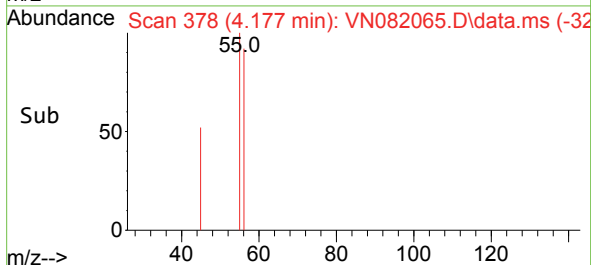
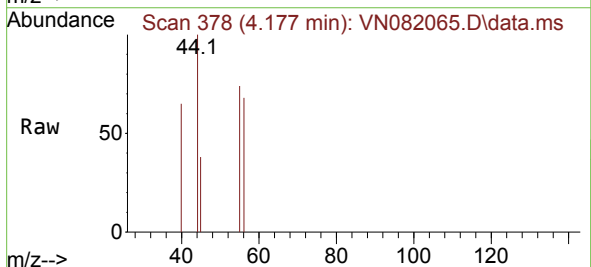


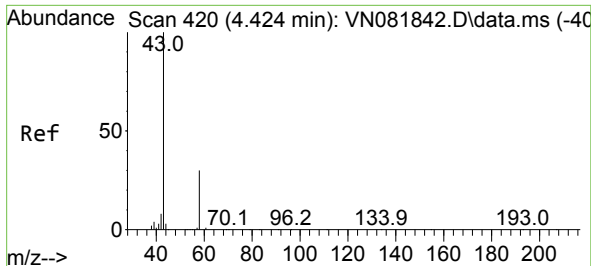
Tgt Ion:142 Resp: 385
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Tgt Ion: 56 Resp: 112
Ion Ratio Lower Upper
56 100
55 209.8 55.8 83.8#





#16

Acetone

Concen: Below Cal

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

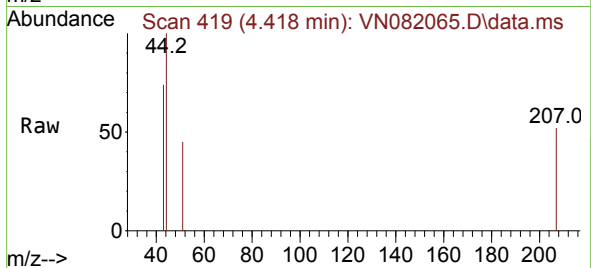
Lab File: VN082065.D

Acq: 10 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

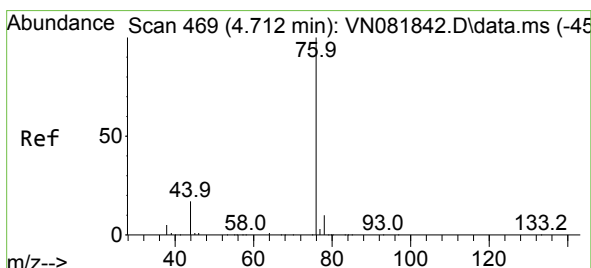
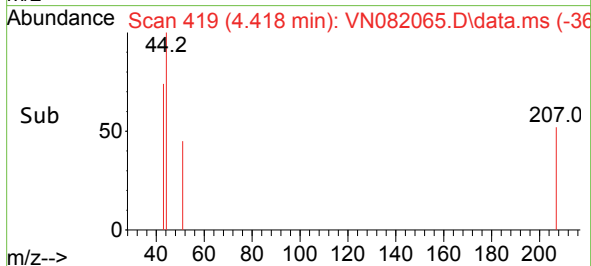
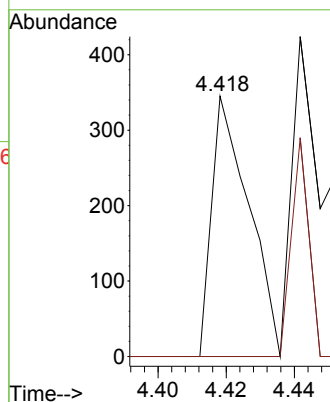


Tgt Ion: 43 Resp: 261

Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#



#17

Carbon Disulfide

Concen: 0.573 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN082065.D

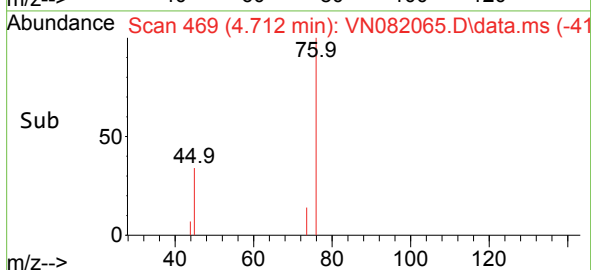
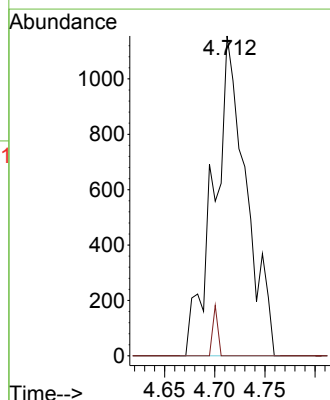
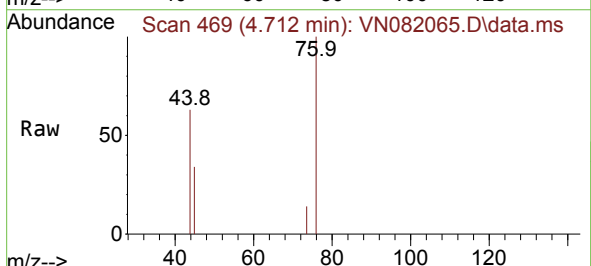
Acq: 10 May 2024 13:12

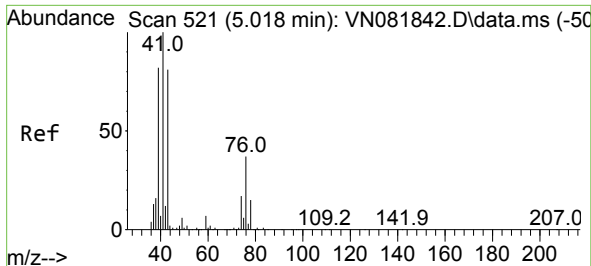
Tgt Ion: 76 Resp: 2581

Ion Ratio Lower Upper

76 100

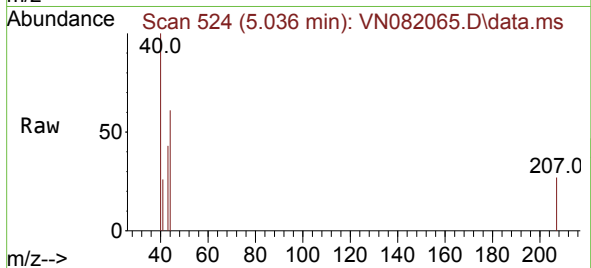
78 0.0 7.5 11.3#



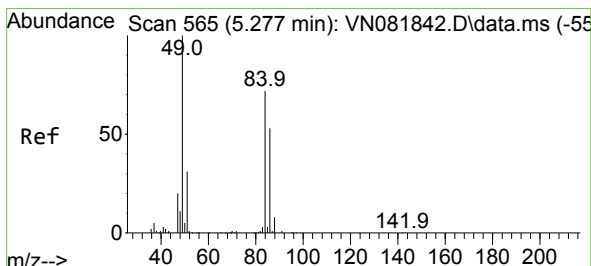
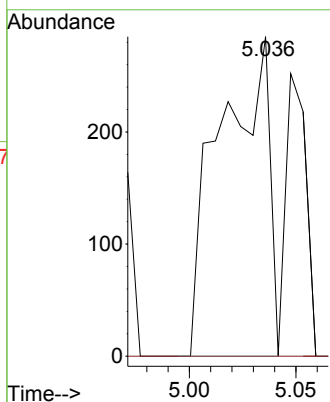
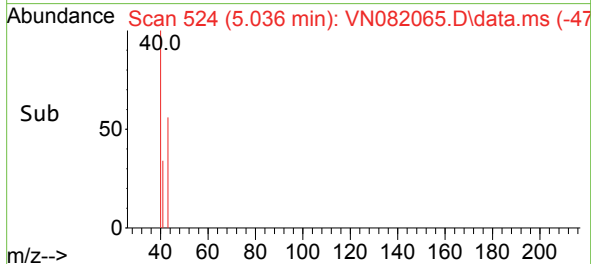


#18
Methyl Acetate
Concen: 0.216 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

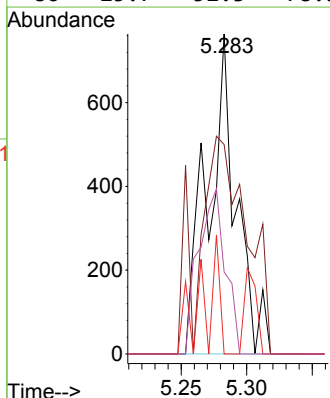
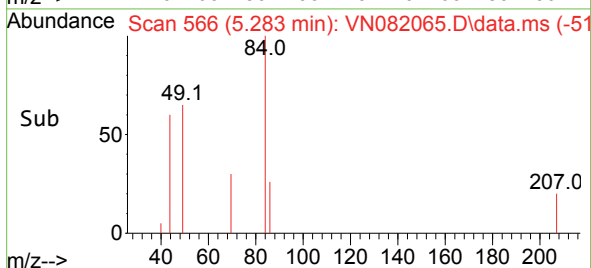
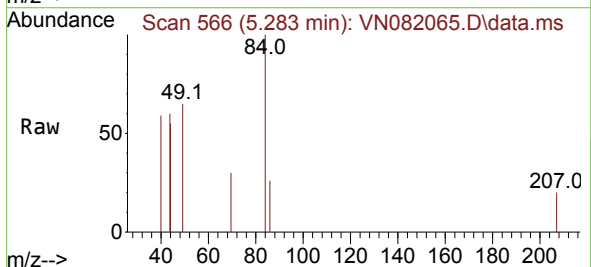


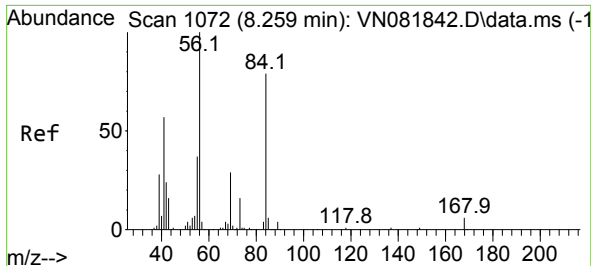
Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#20
Methylene Chloride
Concen: 0.643 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

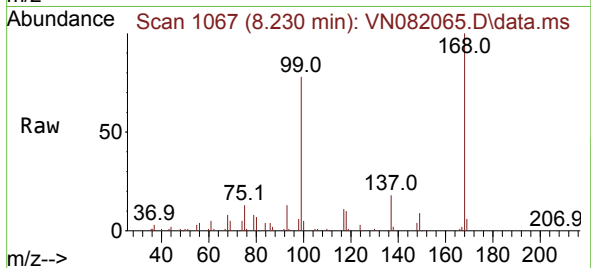
Tgt Ion: 84 Resp: 1151
Ion Ratio Lower Upper
84 100
49 65.4 84.9 127.3#
51 0.0 27.0 40.6#
86 25.7 52.3 78.5#



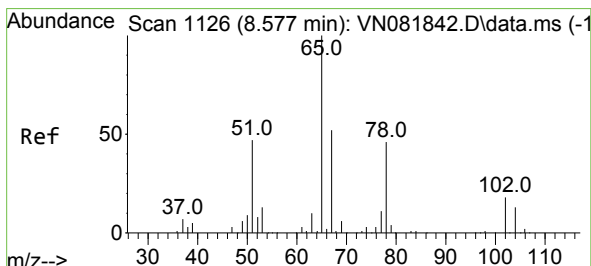
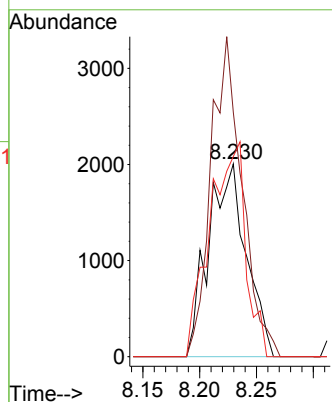
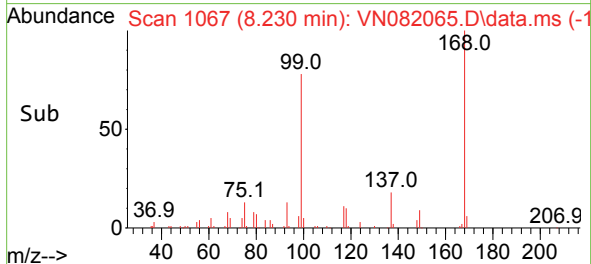


#31
Cyclohexane
Concen: 1.479 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

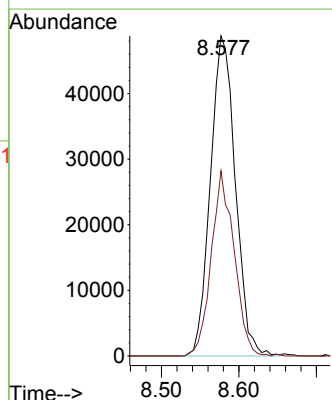
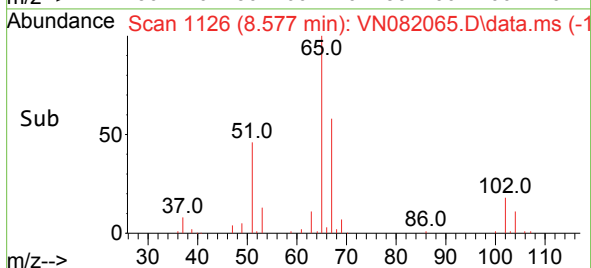
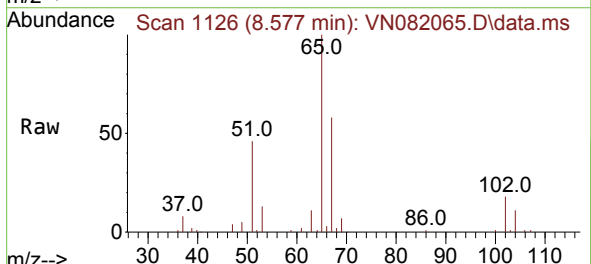


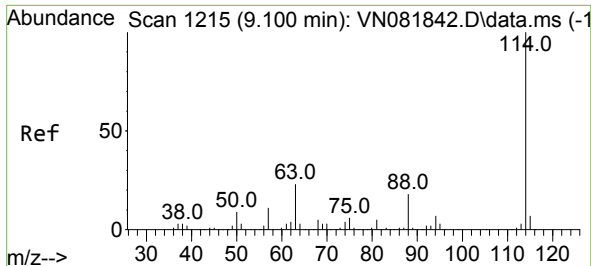
Tgt Ion: 56 Resp: 4654
Ion Ratio Lower Upper
56 100
69 126.7 24.4 36.6#
84 103.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.279 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Tgt Ion: 65 Resp: 109165
Ion Ratio Lower Upper
65 100
67 53.0 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: VN082065.D

Acq: 10 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

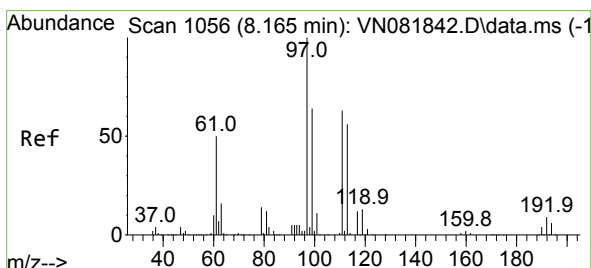
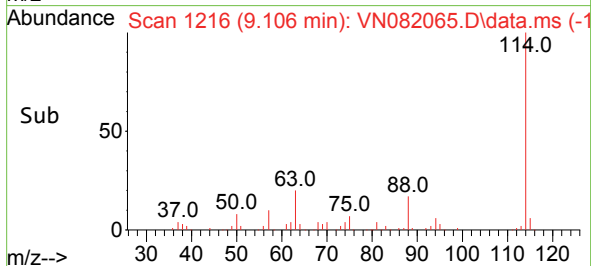
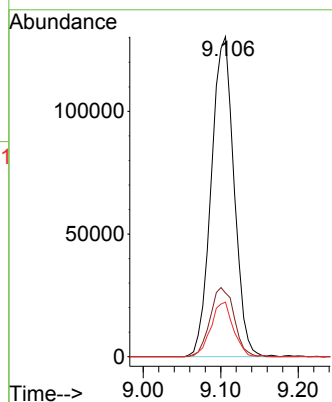
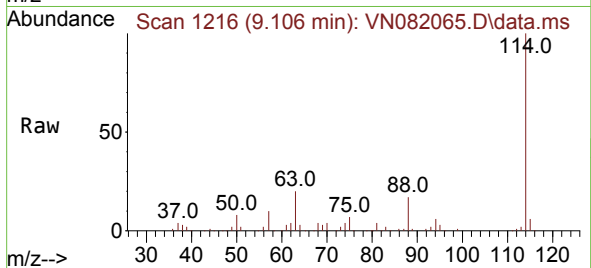
Tgt Ion:114 Resp: 265555

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.374 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082065.D

Acq: 10 May 2024 13:12

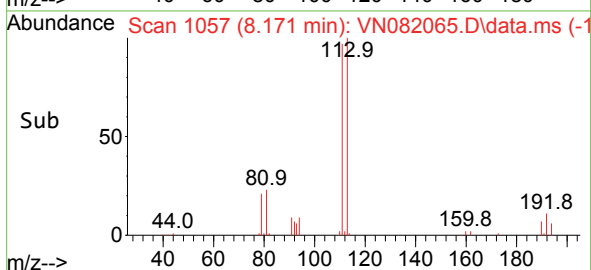
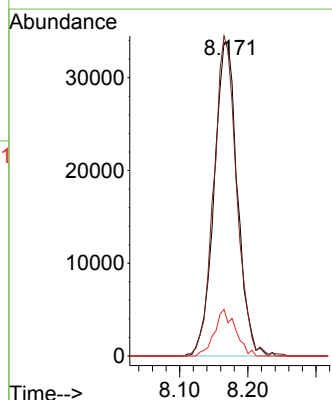
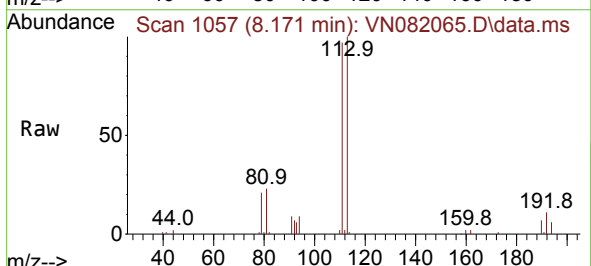
Tgt Ion:113 Resp: 80542

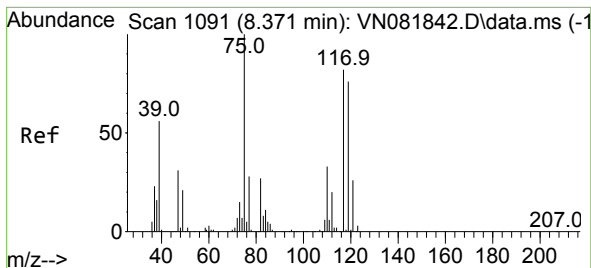
Ion Ratio Lower Upper

113 100

111 100.0 83.4 125.2

192 13.4 14.0 21.0#





#36

1,1-Dichloropropene

Concen: 5.534 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

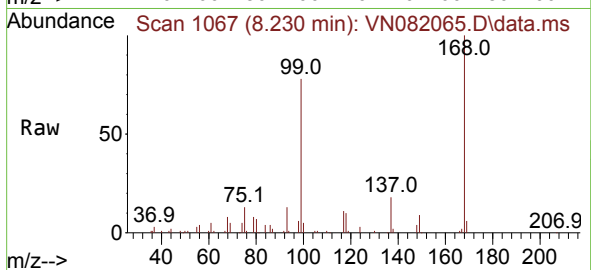
Lab File: VN082065.D

Acq: 10 May 2024 13:12

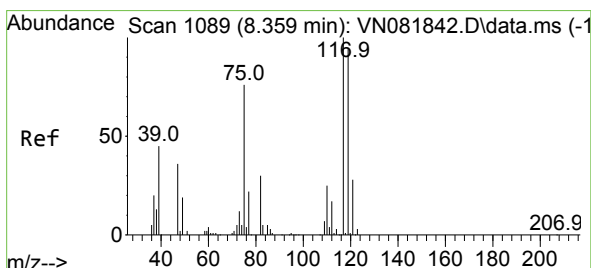
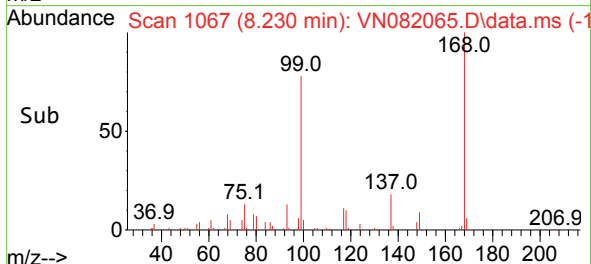
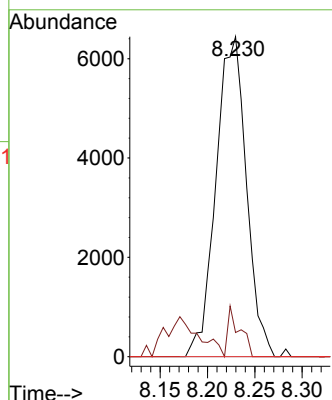
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14394
Ion Ratio	Lower	Upper	
75	100		
110	6.2	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.481 ug/l

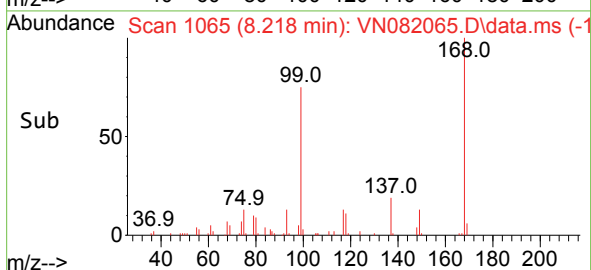
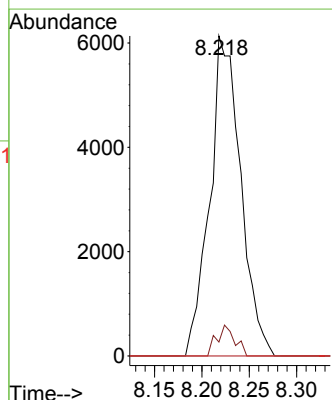
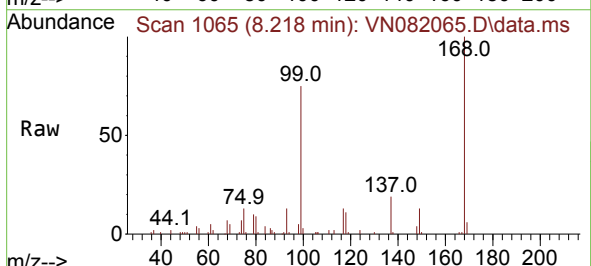
RT: 8.218 min Scan# 1065

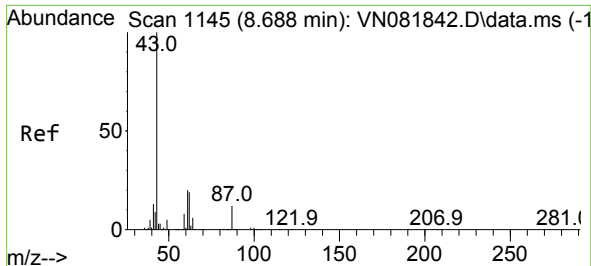
Delta R.T. -0.141 min

Lab File: VN082065.D

Acq: 10 May 2024 13:12

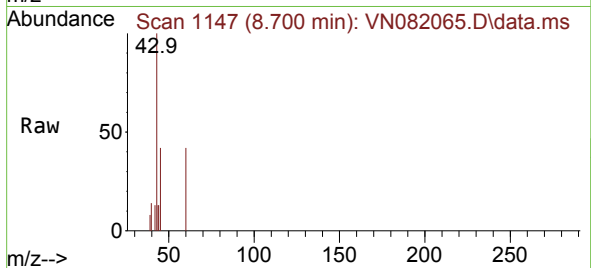
Tgt Ion:	117	Resp:	13933
Ion Ratio	Lower	Upper	
117	100		
119	4.4	76.5	114.7#
121	0.0	23.9	35.9#



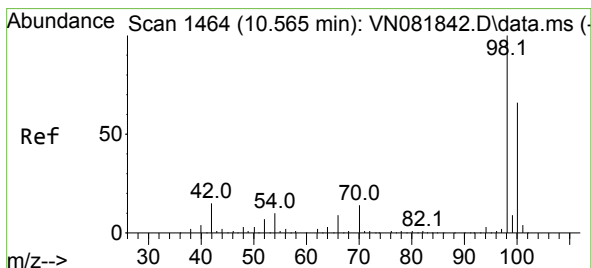
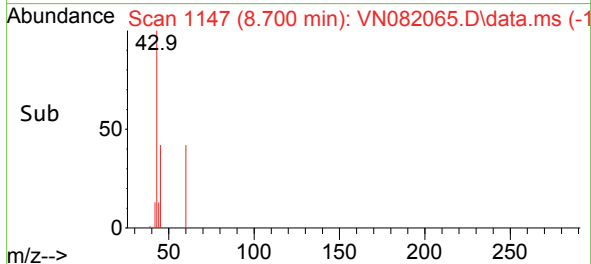
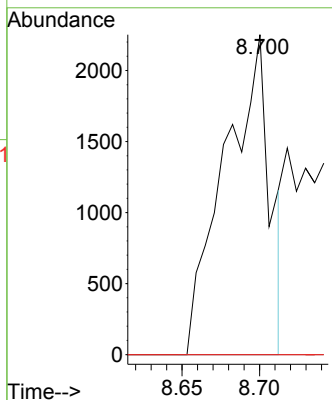


#43
Isopropyl Acetate
Concen: 0.865 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

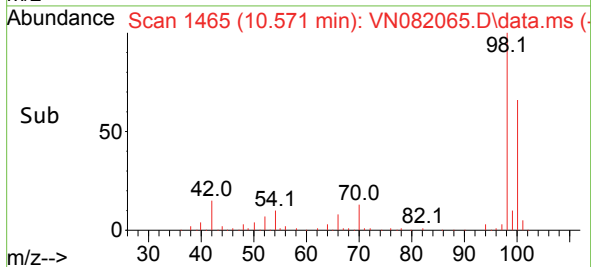
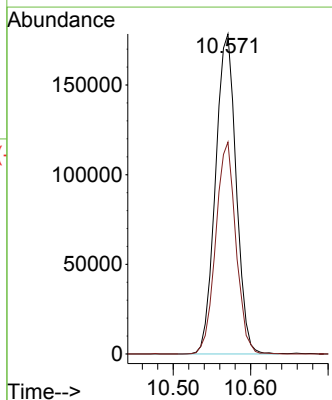
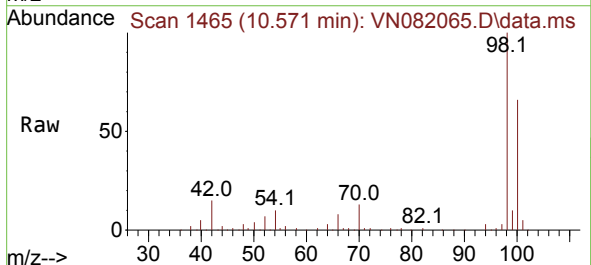


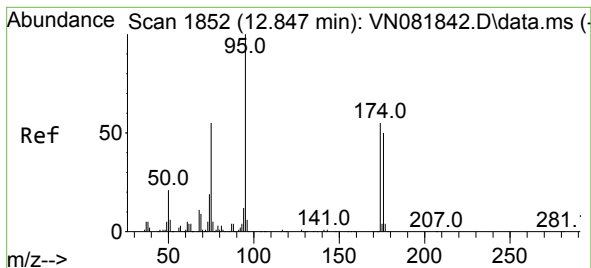
Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.711 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Tgt Ion: 98 Resp: 330995
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

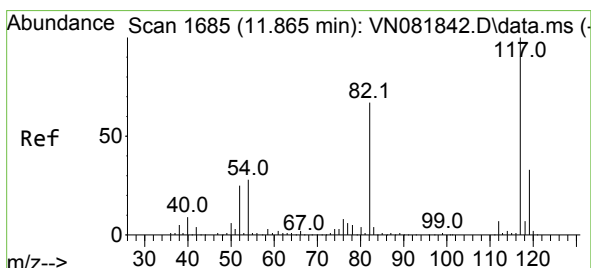
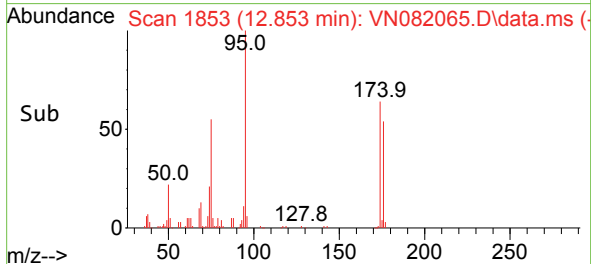
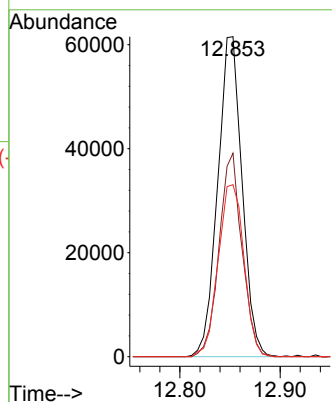
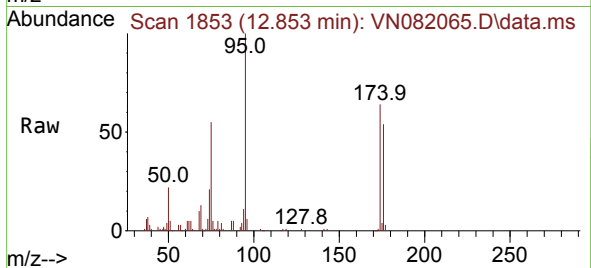




#62
4-Bromofluorobenzene
Concen: 41.829 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

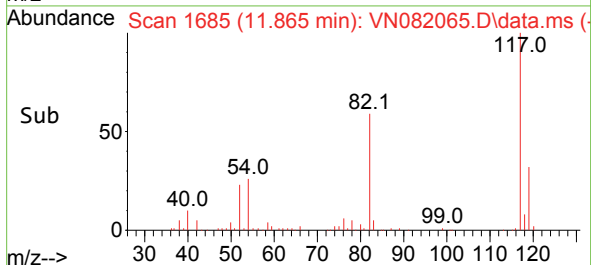
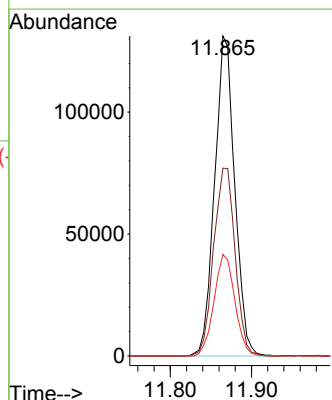
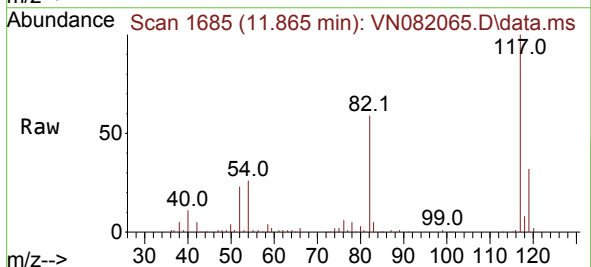
Instrument :
MSVOA_N
ClientSampleId :

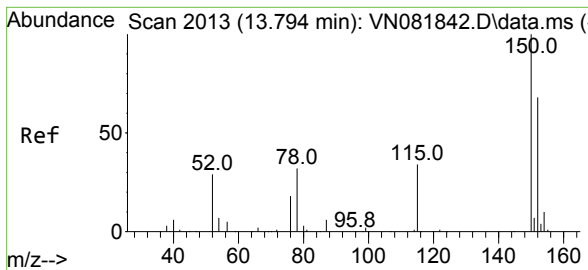
Tgt Ion: 95 Resp: 103832
Ion Ratio Lower Upper
95 100
174 59.8 0.0 160.6
176 56.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Tgt Ion: 117 Resp: 225690
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 31.8 25.9 38.9

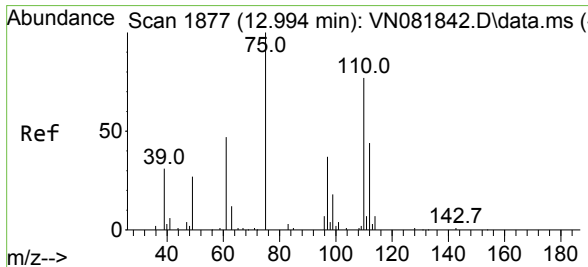
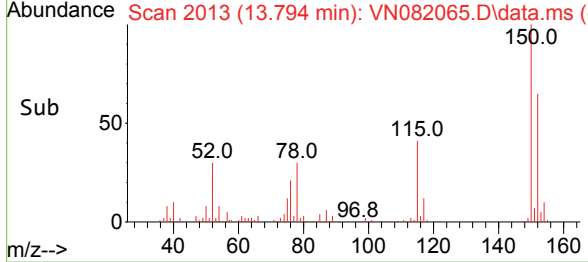
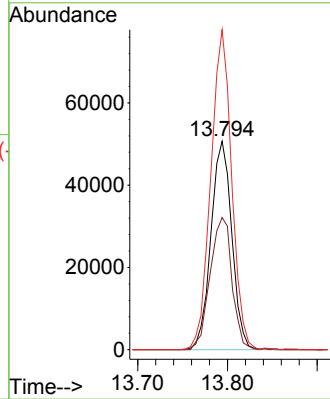
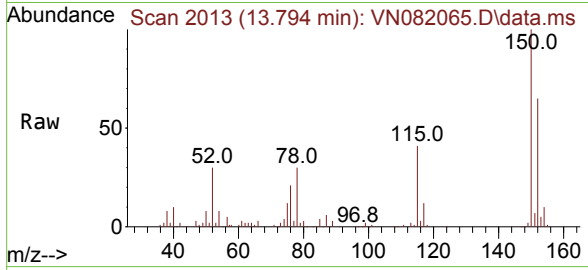




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082065.D
 Acq: 10 May 2024 13:12

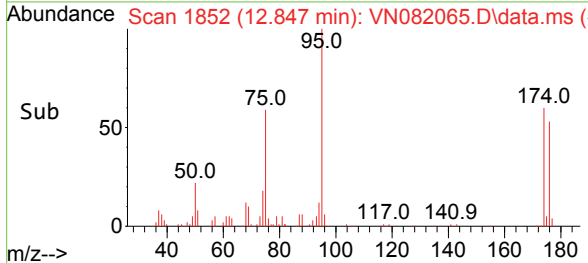
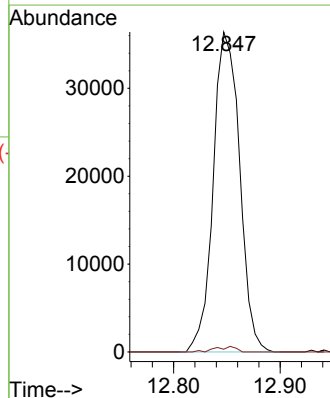
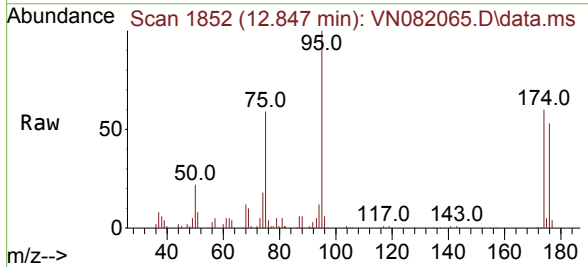
Instrument :
 MSVOA_N
 ClientSampleId :

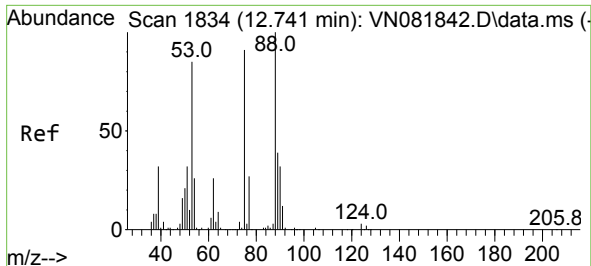
Tgt Ion:152 Resp: 81889
 Ion Ratio Lower Upper
 152 100
 115 66.3 30.4 91.3
 150 153.4 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 29.469 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082065.D
 Acq: 10 May 2024 13:12

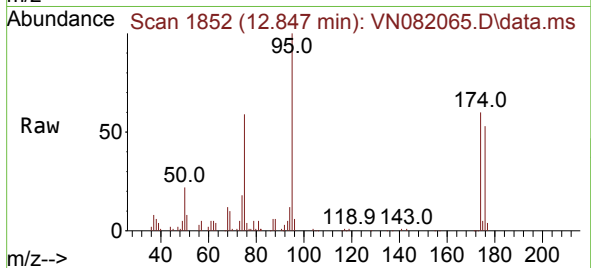
Tgt Ion: 75 Resp: 62569
 Ion Ratio Lower Upper
 75 100
 77 1.3 90.5 271.3#



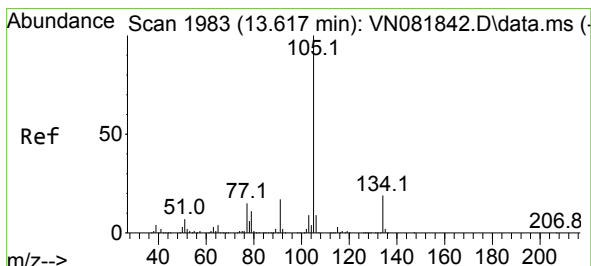
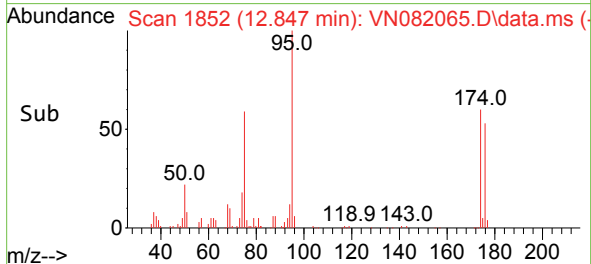
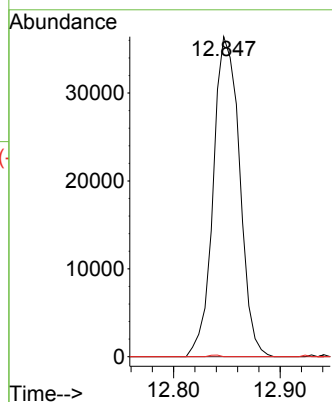


#81
trans-1,4-Dichloro-2-butene
Concen: 60.386 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

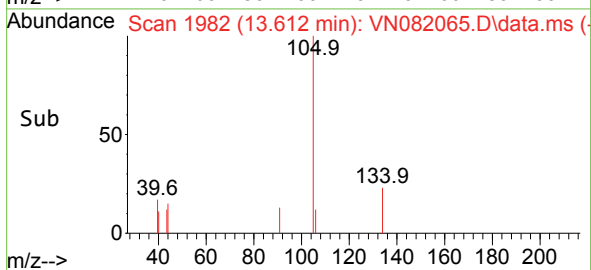
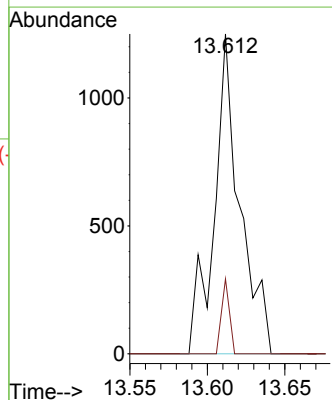
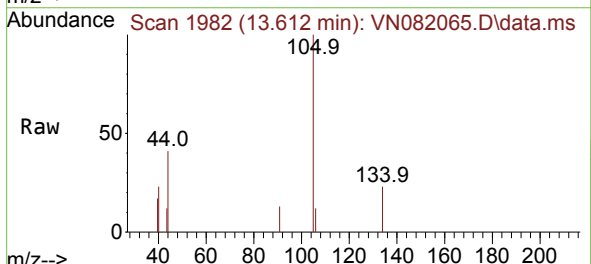


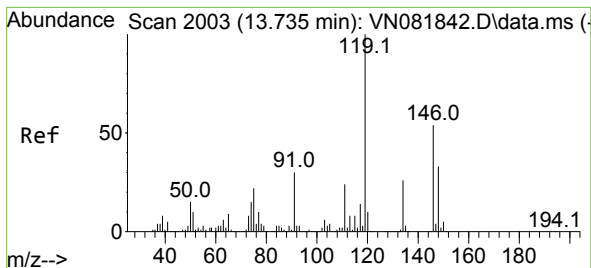
Tgt Ion: 75 Resp: 62569
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.2 39.1 58.7#



#85
sec-Butylbenzene
Concen: 0.200 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Tgt Ion: 105 Resp: 1446
Ion Ratio Lower Upper
105 100
134 7.1 10.2 30.4#





#87

1,3-Dichlorobenzene

Concen: 0.230 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN082065.D

Acq: 10 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

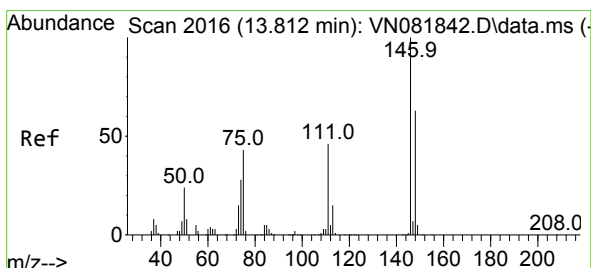
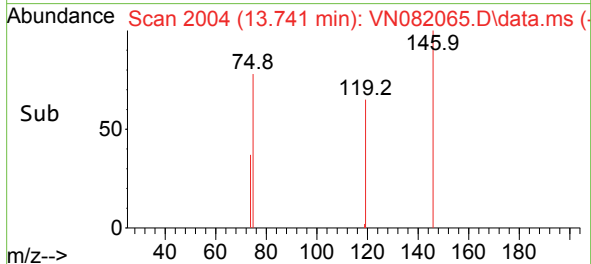
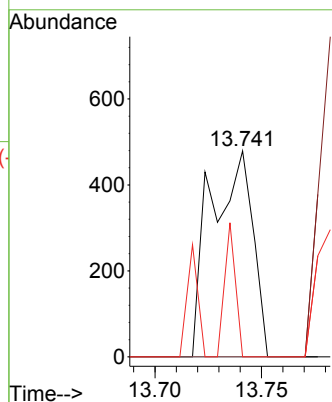
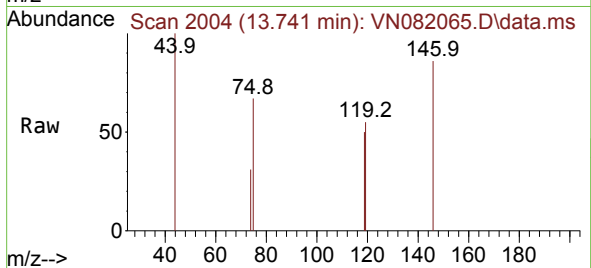
Tgt Ion:146 Resp: 653

Ion Ratio Lower Upper

146 100

111 0.0 20.8 62.5#

148 16.8 32.1 96.3#



#88

1,4-Dichlorobenzene

Concen: 0.279 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082065.D

Acq: 10 May 2024 13:12

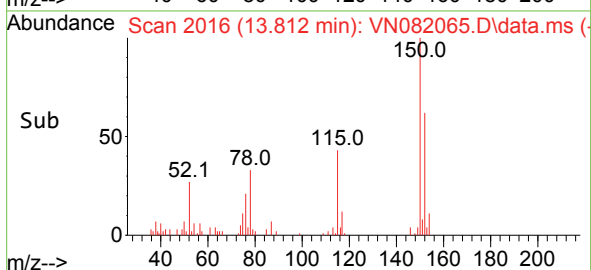
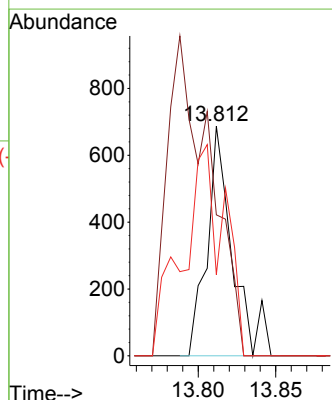
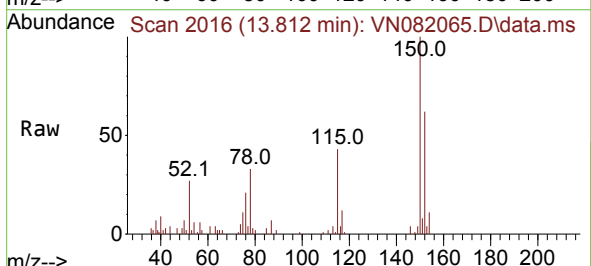
Tgt Ion:146 Resp: 780

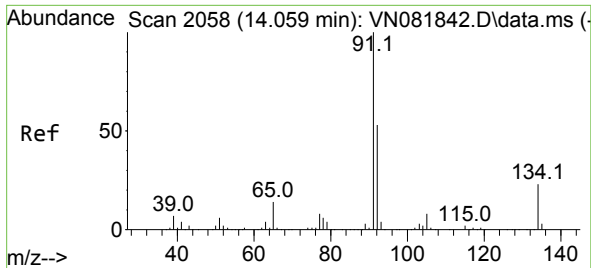
Ion Ratio Lower Upper

146 100

111 0.0 19.3 57.9#

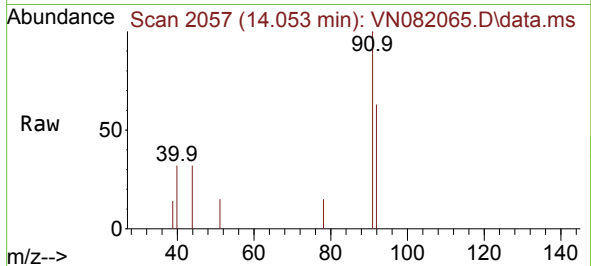
148 150.5 31.3 93.9#



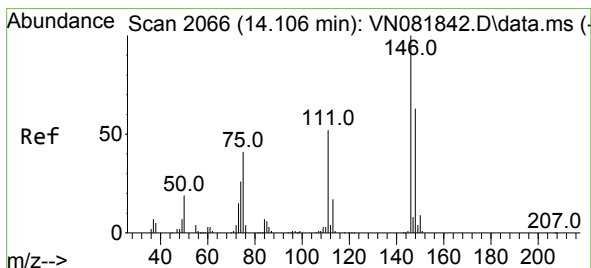
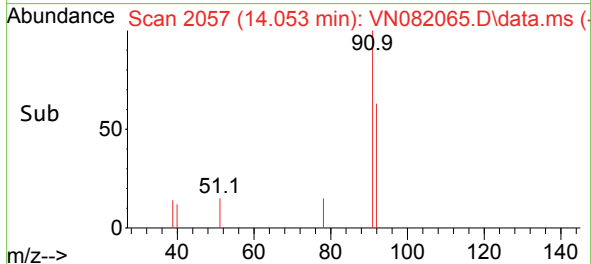
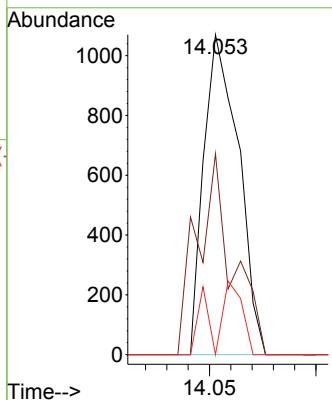


#89
n-Butylbenzene
Concen: 0.224 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

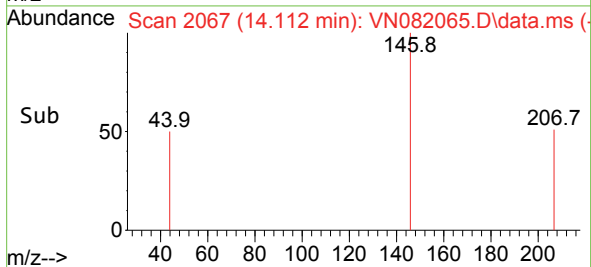
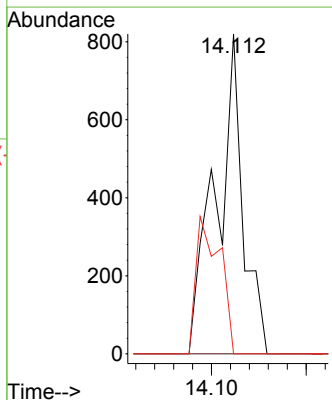
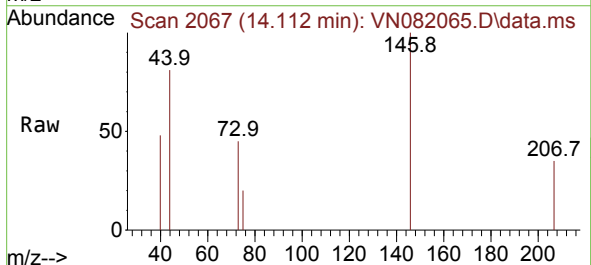


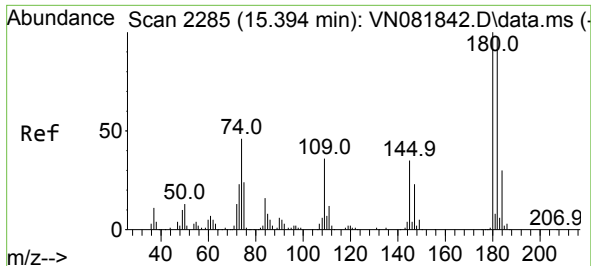
Tgt Ion: 91	Resp: 1210
Ion Ratio	Lower Upper
91 100	
92 63.8	26.2 78.5
134 19.3	13.2 39.5



#91
1,2-Dichlorobenzene
Concen: 0.295 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

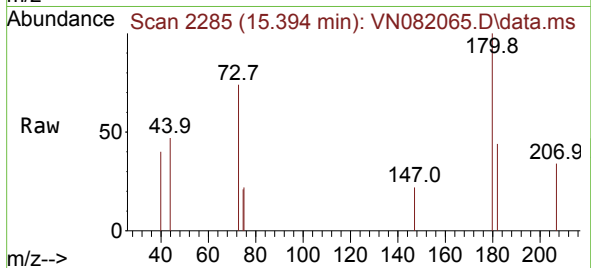
Tgt Ion:146	Resp:	804	
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.3	64.0#
148	38.3	31.8	95.4



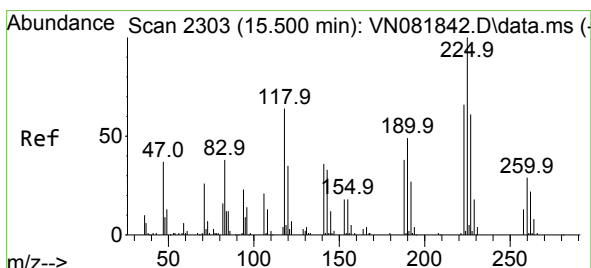
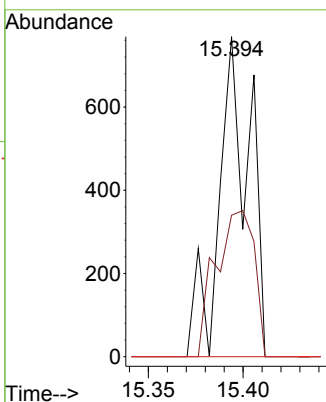
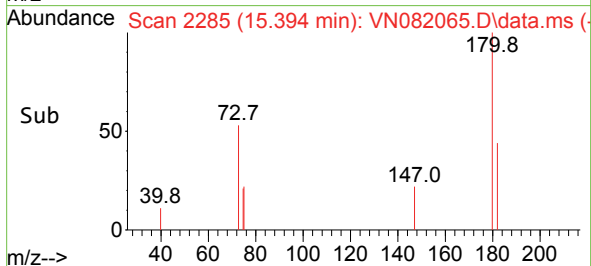


#93
1,2,4-Trichlorobenzene
Concen: 0.563 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

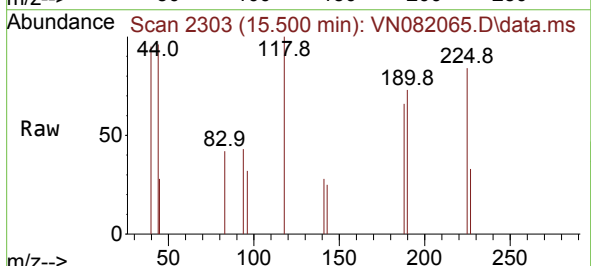
Instrument :
MSVOA_N
ClientSampleId :



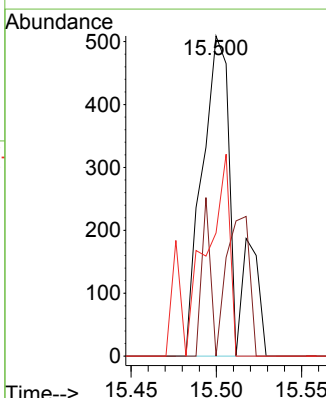
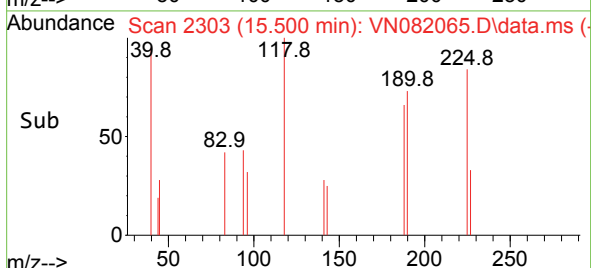
Tgt Ion:180 Resp: 859
Ion Ratio Lower Upper
180 100
182 58.0 46.7 140.0
145 0.0 16.2 48.6#

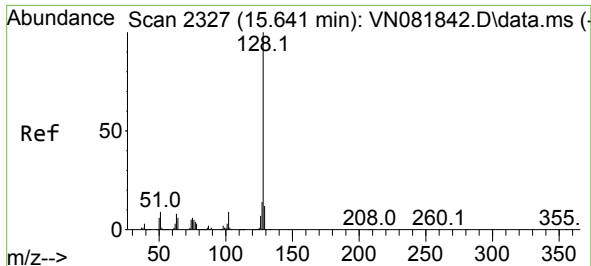


#94
Hexachlorobutadiene
Concen: 1.187 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12



Tgt Ion:225 Resp: 667
Ion Ratio Lower Upper
225 100
223 13.3 31.1 93.2#
227 44.7 30.6 91.6

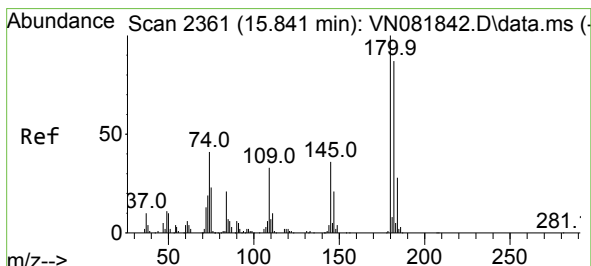
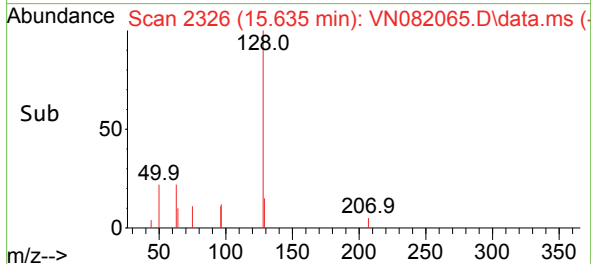
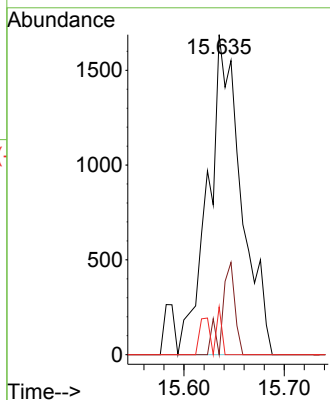
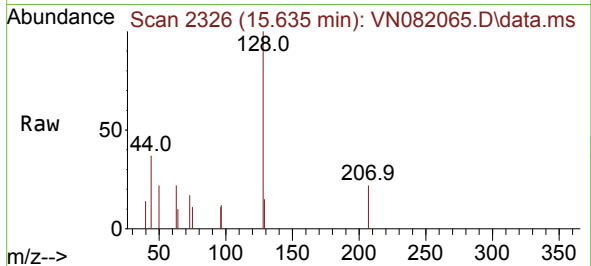




#95
Naphthalene
Concen: 0.677 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3898
Ion Ratio Lower Upper
128 100
127 11.0 10.1 15.1
129 0.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.883 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN082065.D
Acq: 10 May 2024 13:12

Tgt Ion:180 Resp: 1292
Ion Ratio Lower Upper
180 100
182 42.6 46.0 137.8#
145 33.7 17.1 51.3

