

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082310.D
 Acq On : 23 May 2024 10:30
 Operator : JC\MD
 Sample : VN0523MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:13:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

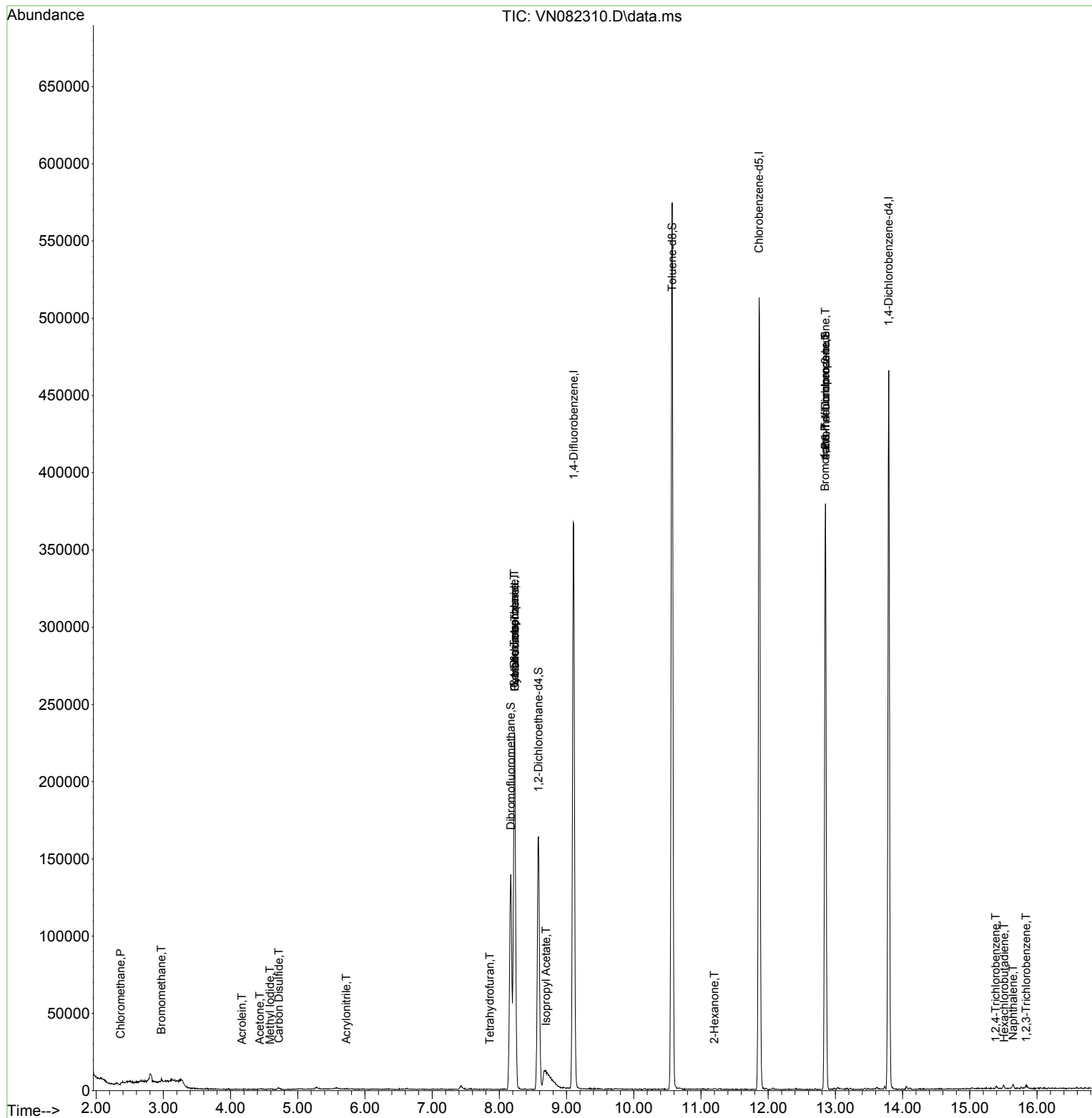
Internal Standards						
1) Pentafluorobenzene	8.230	168	162040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136021	53.161	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.320%			
35) Dibromofluoromethane	8.171	113	95826	53.835	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.660%			
50) Toluene-d8	10.571	98	369856	54.196	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.400%			
62) 4-Bromofluorobenzene	12.853	95	122351	50.231	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.460%			
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	554	0.209	ug/l #	77
5) Bromomethane	2.971	94	709	0.496	ug/l #	55
10) Methyl Iodide	4.589	142	585	0.306	ug/l #	40
13) Acrolein	4.171	56	109	0.358	ug/l #	15
15) Acrylonitrile	5.724	53	251	0.236	ug/l #	19
16) Acetone	4.436	43	487	0.464	ug/l #	43
17) Carbon Disulfide	4.718	76	2172	0.380	ug/l #	74
29) Tetrahydrofuran	7.859	42	211	0.207	ug/l #	29
31) Cyclohexane	8.230	56	4700	1.150	ug/l #	45
36) 1,1-Dichloropropene	8.224	75	14623	4.898	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17112	5.654	ug/l #	16
43) Isopropyl Acetate	8.694	43	14288	2.414	ug/l #	52
59) 2-Hexanone	11.200	43	544	0.221	ug/l #	23
71) Bromoform	12.847	173	365	0.931	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	71753	30.281	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	71753	70.826	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.388	180	784	0.383	ug/l #	82
94) Hexachlorobutadiene	15.511	225	606	0.674	ug/l	81
95) Naphthalene	15.647	128	3342	0.520	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.841	180	1130	0.551	ug/l #	75

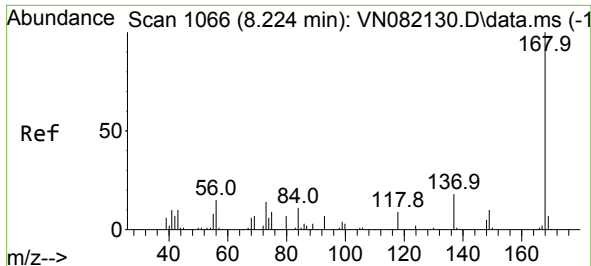
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
Data File : VN082310.D
Acq On : 23 May 2024 10:30
Operator : JC\MD
Sample : VN0523MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 24 04:13:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

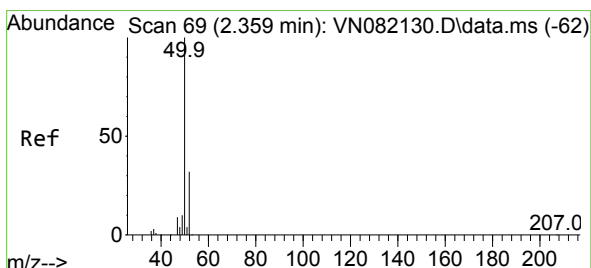
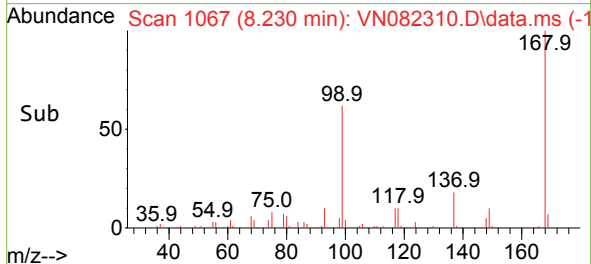
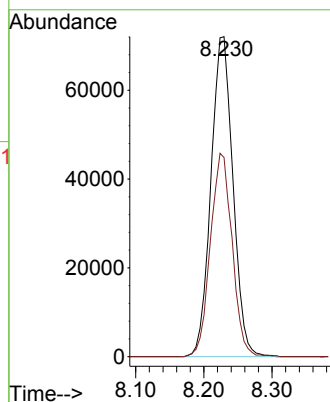
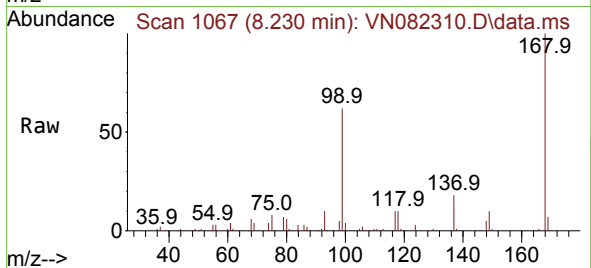




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

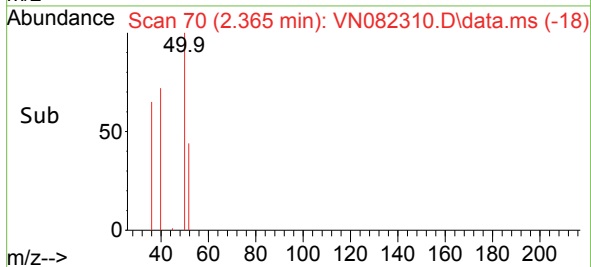
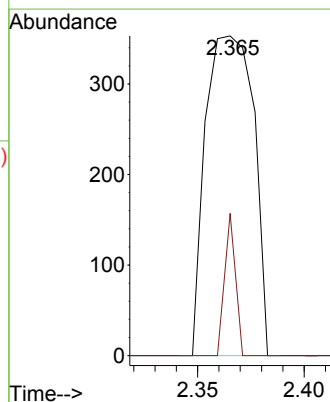
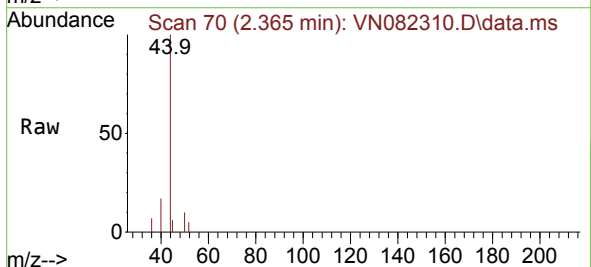
Instrument :
MSVOA_N
ClientSampleId :

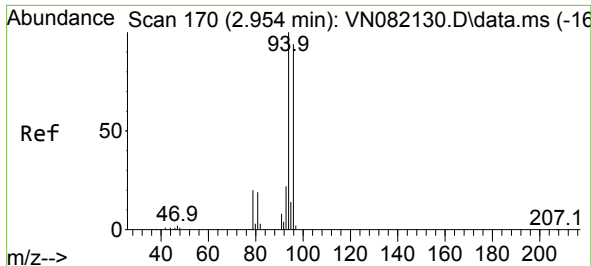
Tgt Ion:168 Resp: 162040
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 44.5 25.5 38.3#

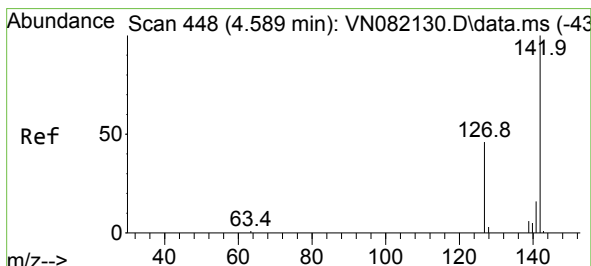
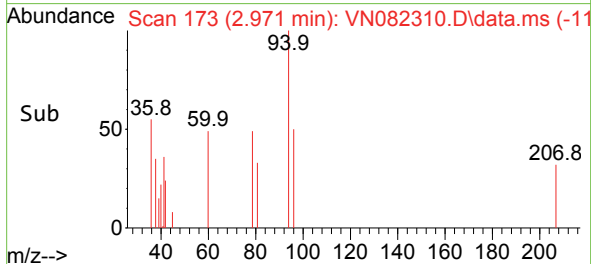
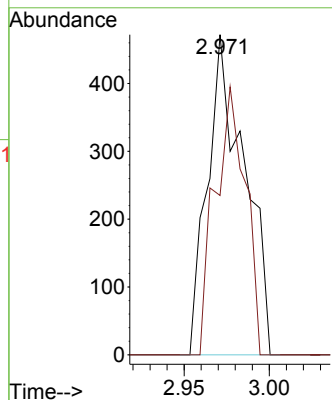
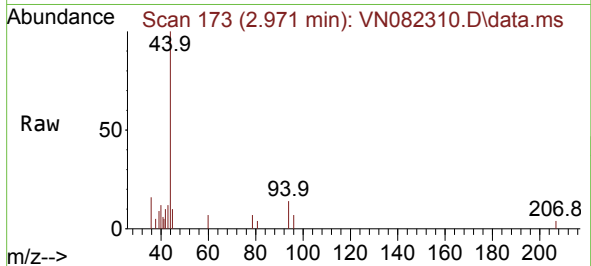




#5
Bromomethane
Concen: 0.496 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

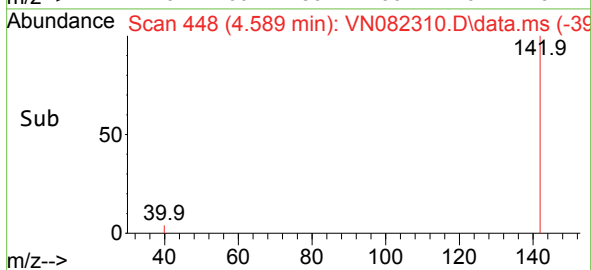
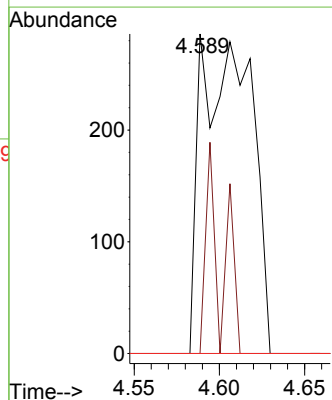
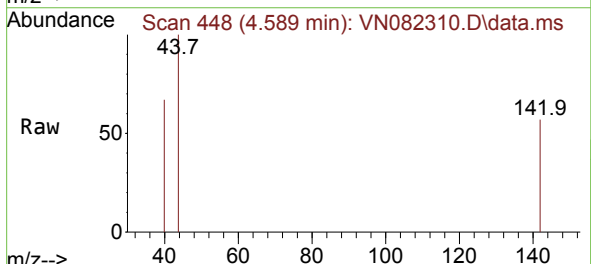
Instrument :
MSVOA_N
ClientSampleId :

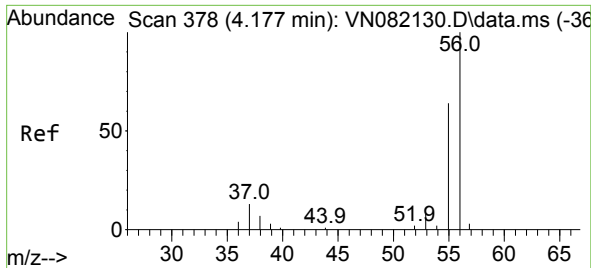
Tgt Ion: 94 Resp: 709
Ion Ratio Lower Upper
94 100
96 49.8 74.8 112.2#



#10
Methyl Iodide
Concen: 0.306 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

Tgt Ion: 142 Resp: 585
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#





#13

Acrolein

Concen: 0.358 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

Instrument :

MSVOA_N

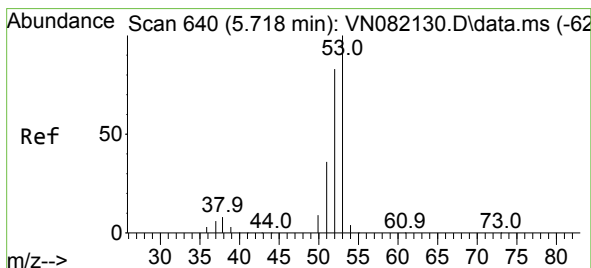
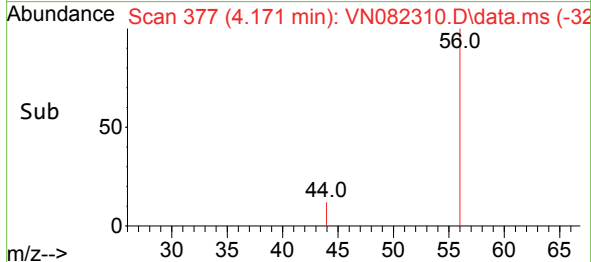
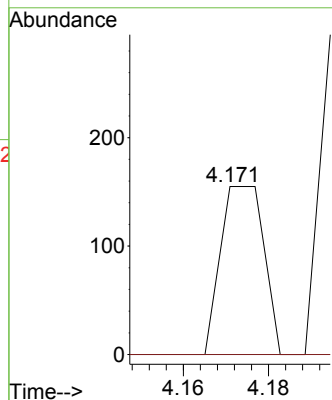
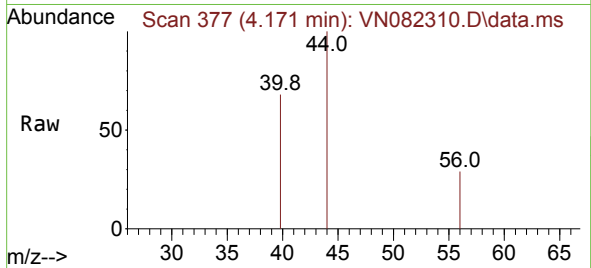
ClientSampleId :

Tgt Ion: 56 Resp: 109

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#15

Acrylonitrile

Concen: 0.236 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

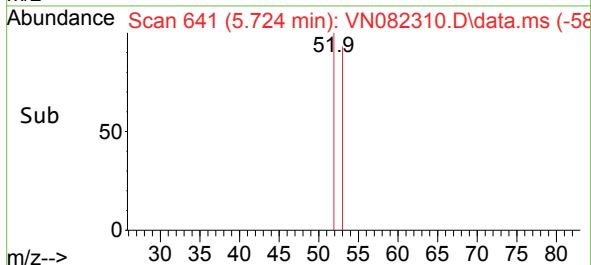
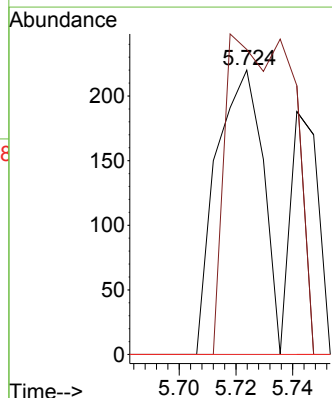
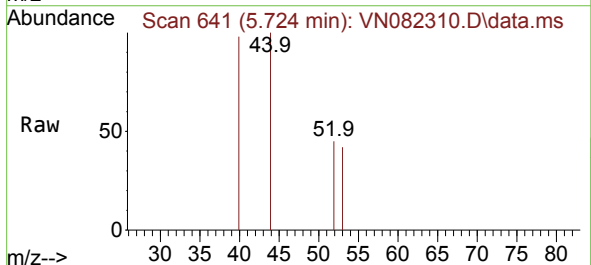
Tgt Ion: 53 Resp: 251

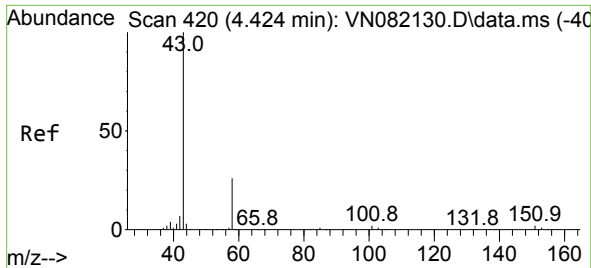
Ion Ratio Lower Upper

53 100

52 162.5 66.1 99.1#

51 0.0 29.4 44.2#

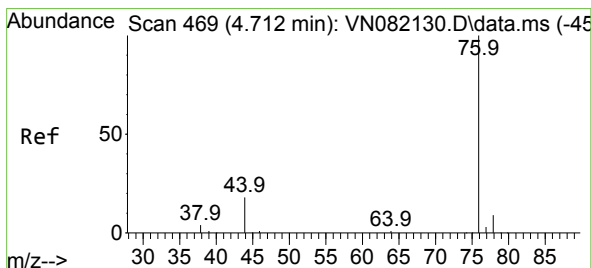
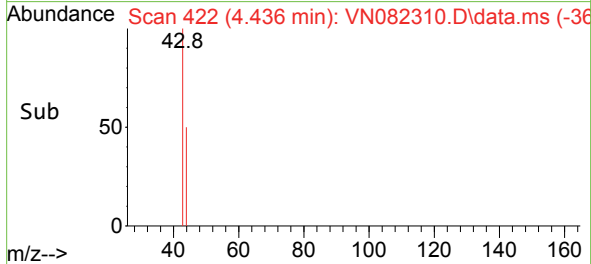
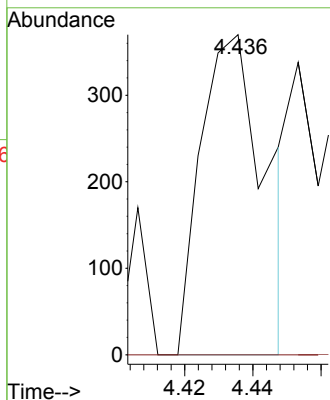
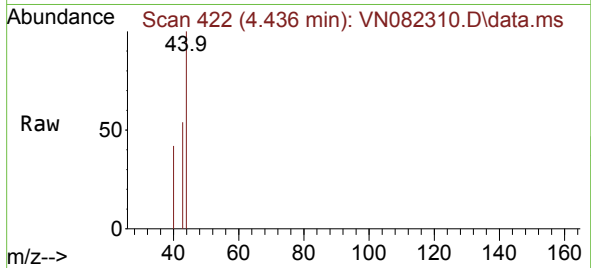




#16
Acetone
Concen: 0.464 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

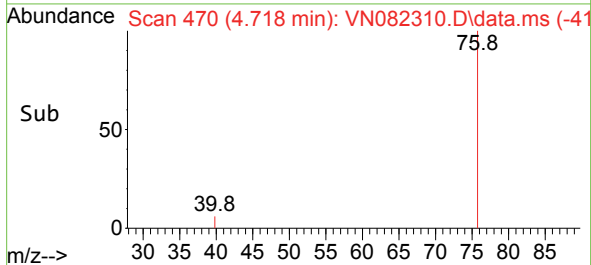
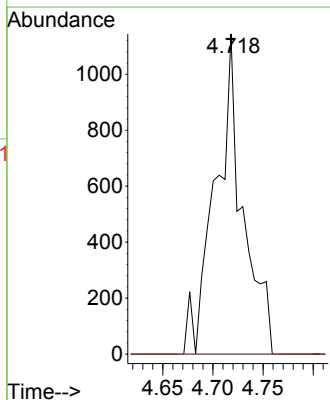
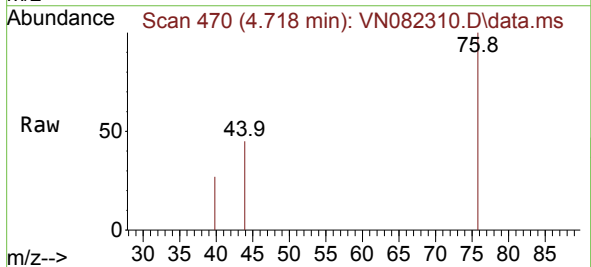
Instrument :
MSVOA_N
ClientSampleId :

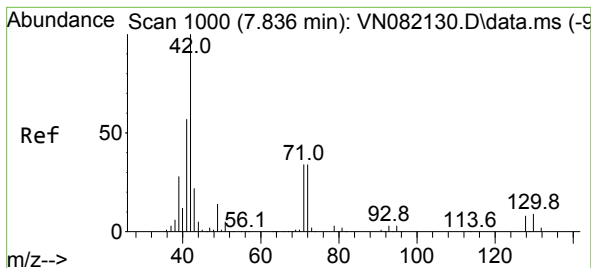
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.380 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

Tgt Ion: 76 Resp: 2172
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#29

Tetrahydrofuran

Concen: 0.207 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.023 min

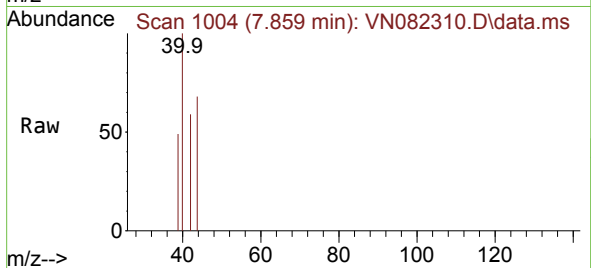
Lab File: VN082310.D

Acq: 23 May 2024 10:30

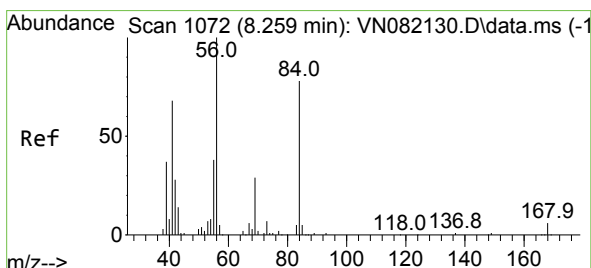
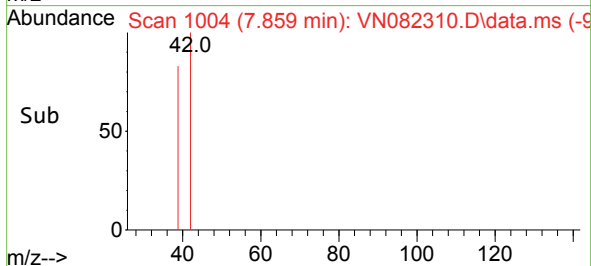
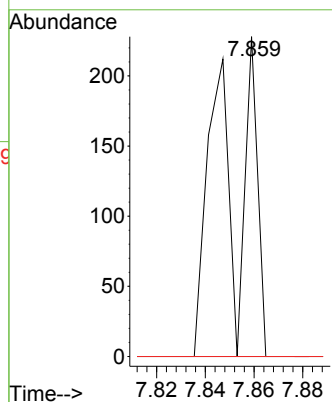
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	211
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.3	58.9#
71	0.0	37.4	56.0#



#31

Cyclohexane

Concen: 1.150 ug/l

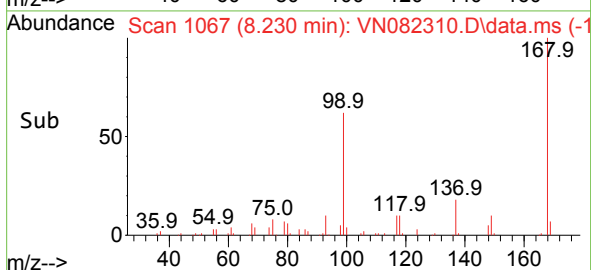
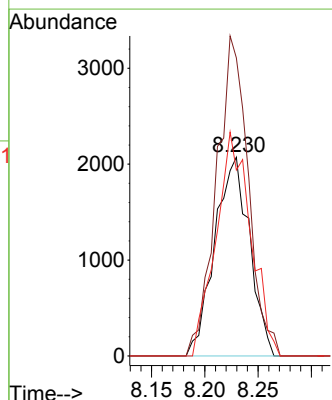
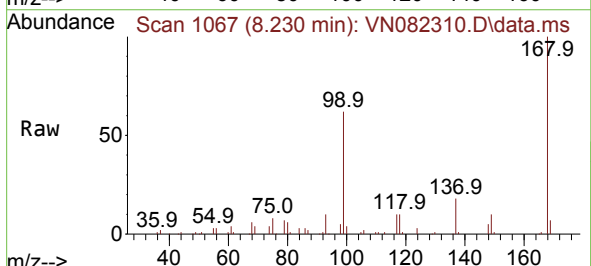
RT: 8.230 min Scan# 1067

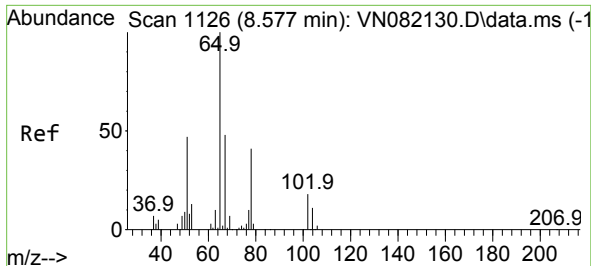
Delta R.T. -0.030 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

Tgt Ion:	56	Resp:	4700
Ion	Ratio	Lower	Upper
56	100		
69	150.0	24.4	36.6#
84	93.5	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 53.161 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

Instrument :

MSVOA_N

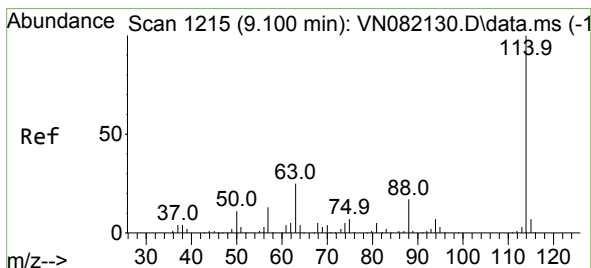
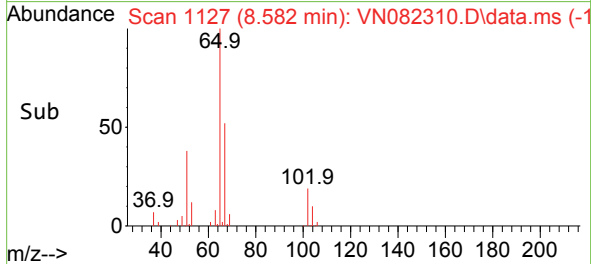
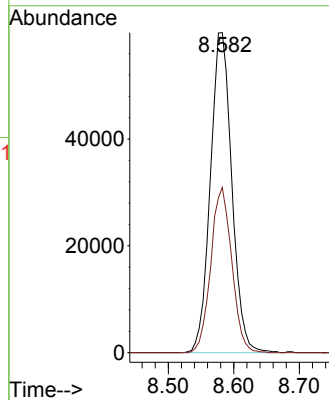
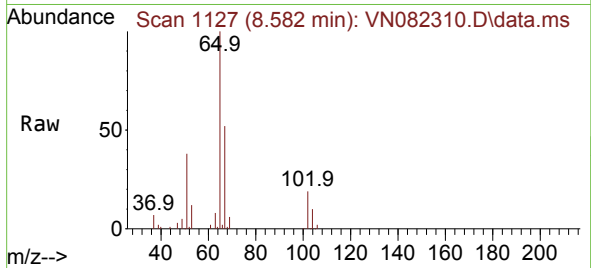
ClientSampleId :

Tgt Ion: 65 Resp: 136021

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

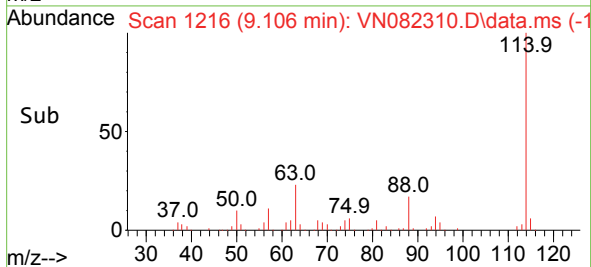
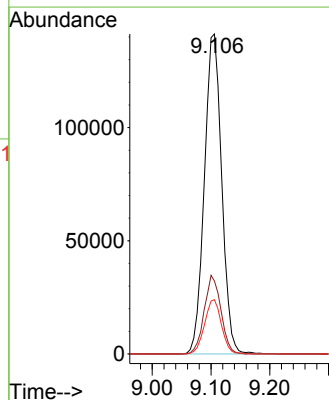
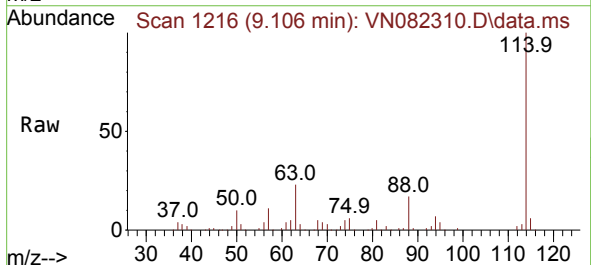
Tgt Ion: 114 Resp: 289359

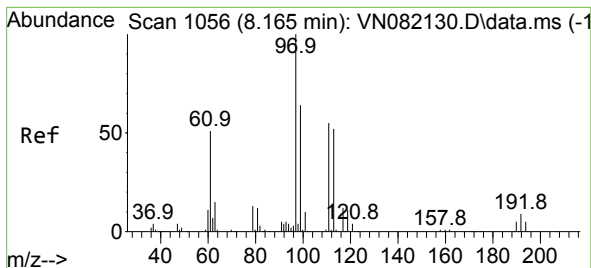
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.0

88 17.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.835 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

Instrument :

MSVOA_N

ClientSampleId :

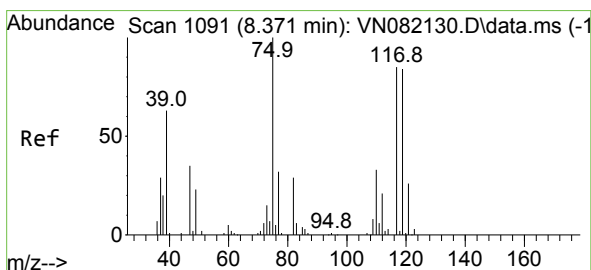
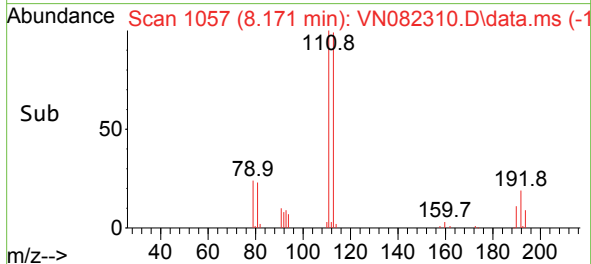
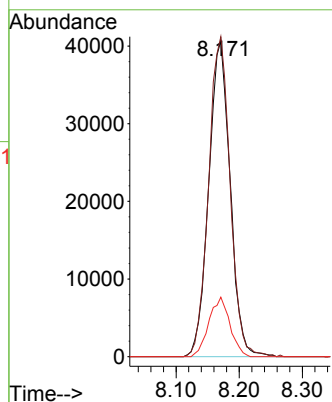
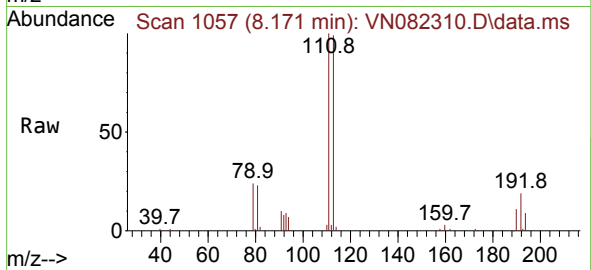
Tgt Ion:113 Resp: 95826

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 18.5 14.0 21.0



#36

1,1-Dichloropropene

Concen: 4.898 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

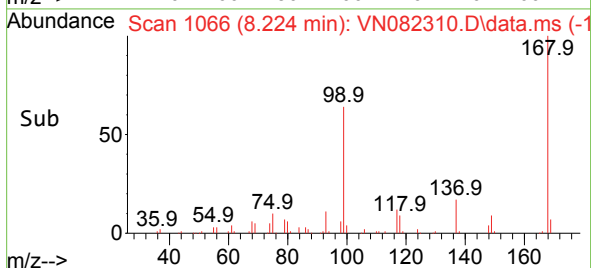
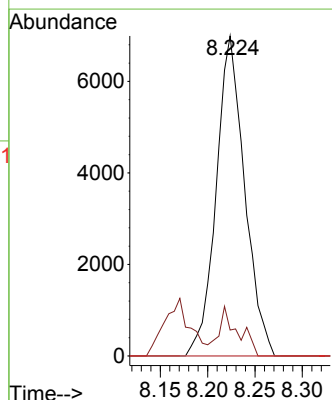
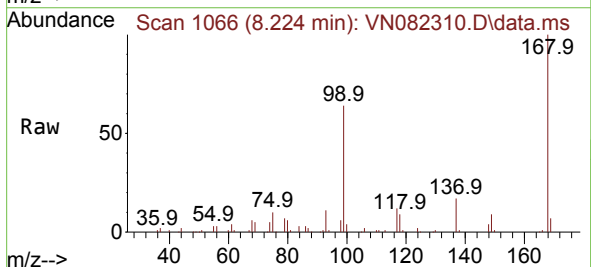
Tgt Ion: 75 Resp: 14623

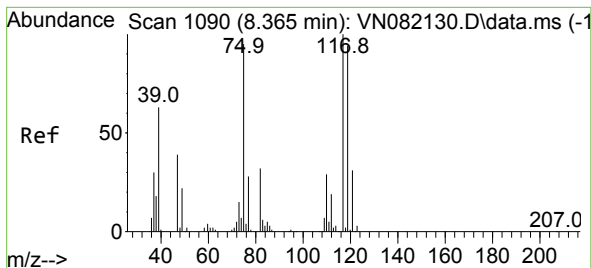
Ion Ratio Lower Upper

75 100

110 10.4 17.8 53.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.654 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

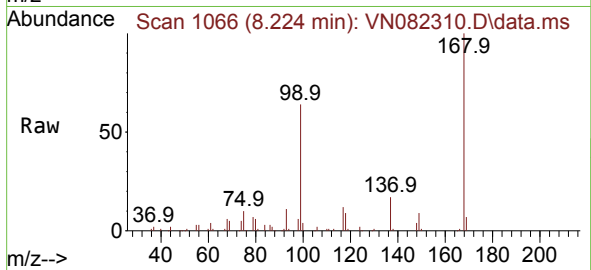
Lab File: VN082310.D

Acq: 23 May 2024 10:30

Instrument :

MSVOA_N

ClientSampleId :



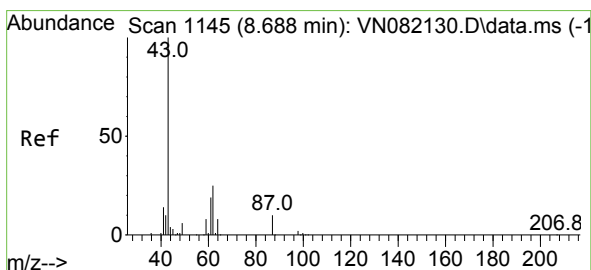
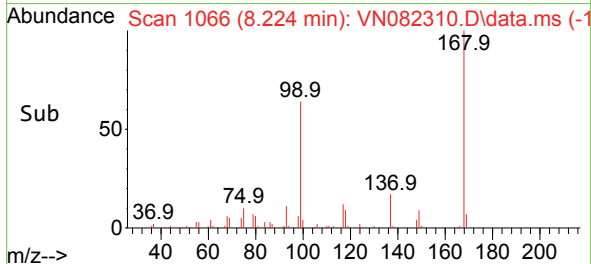
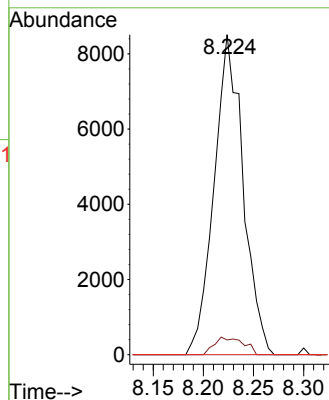
Tgt Ion:117 Resp: 17112

Ion Ratio Lower Upper

117 100

119 4.6 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 2.414 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

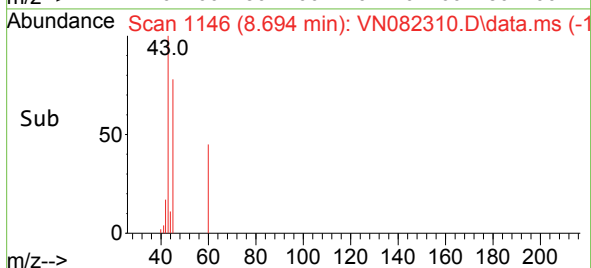
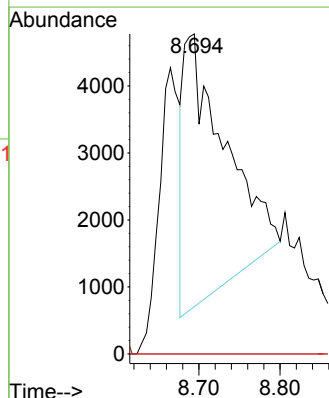
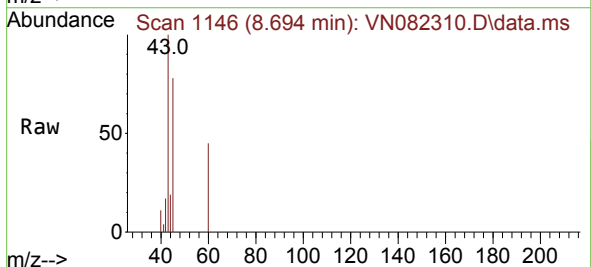
Tgt Ion: 43 Resp: 14288

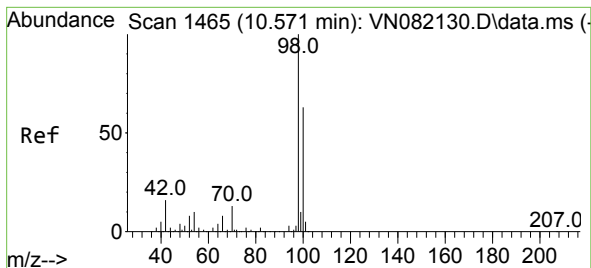
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

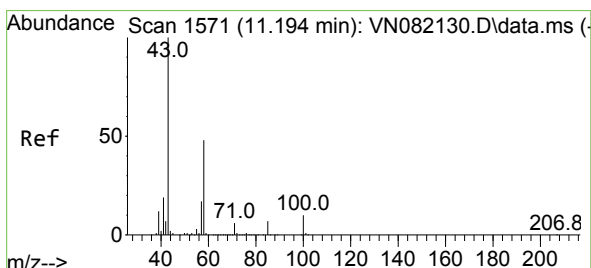
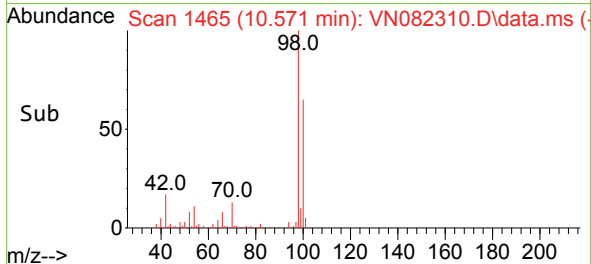
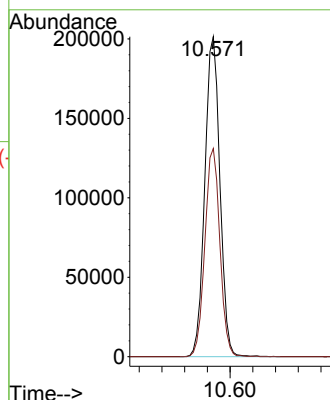
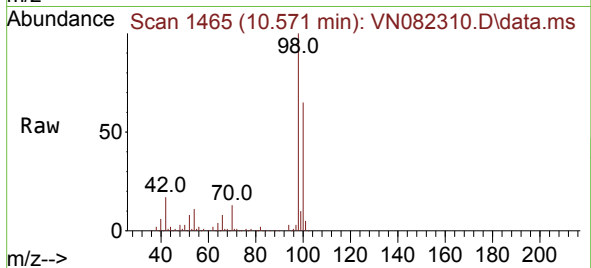




#50
Toluene-d8
Concen: 54.196 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

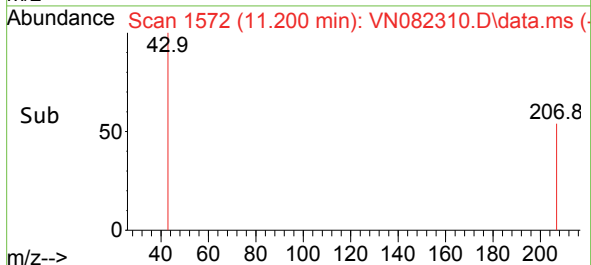
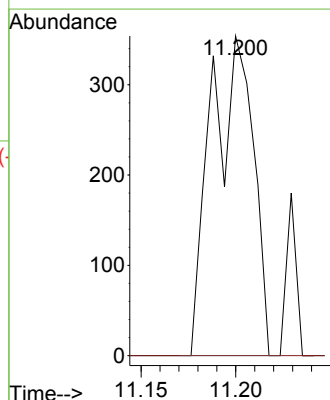
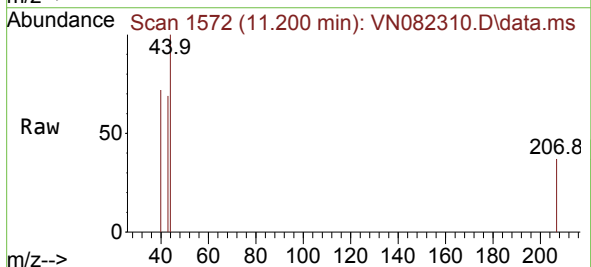
Instrument :
MSVOA_N
ClientSampleId :

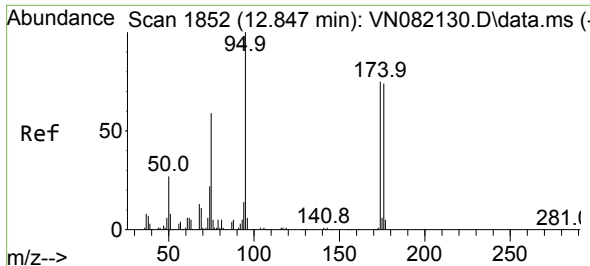
Tgt Ion: 98 Resp: 369856
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#59
2-Hexanone
Concen: 0.221 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

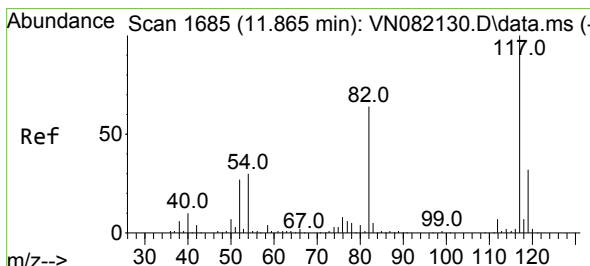
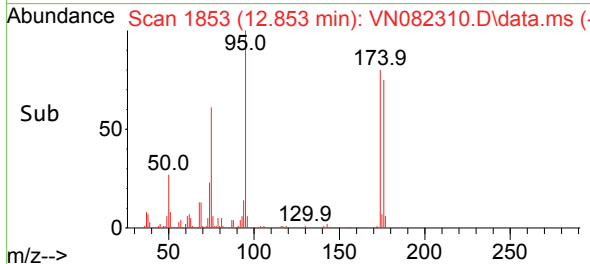
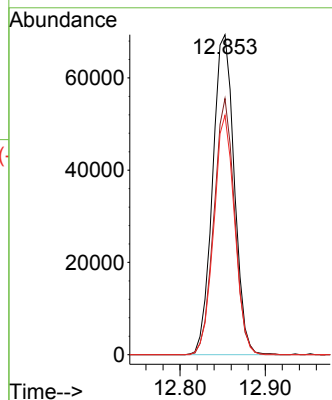
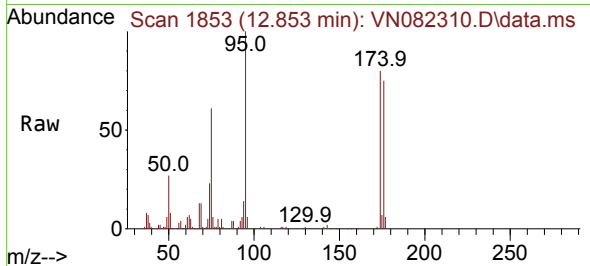




#62
4-Bromofluorobenzene
Concen: 50.231 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

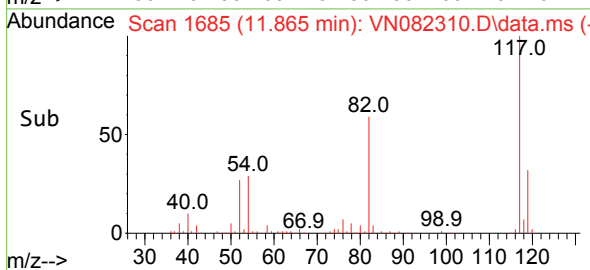
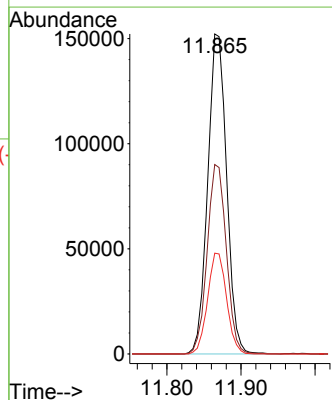
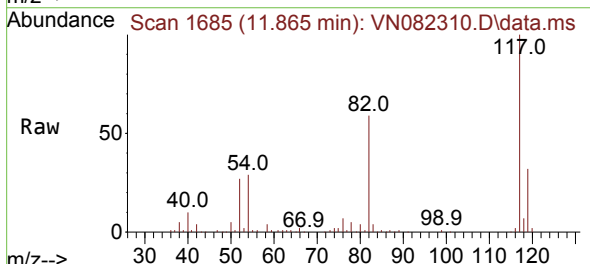
Instrument :
MSVOA_N
ClientSampleId :

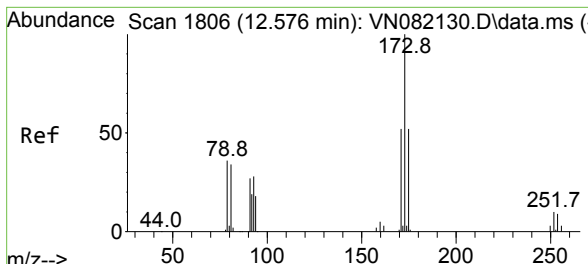
Tgt Ion: 95 Resp: 122351
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 72.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

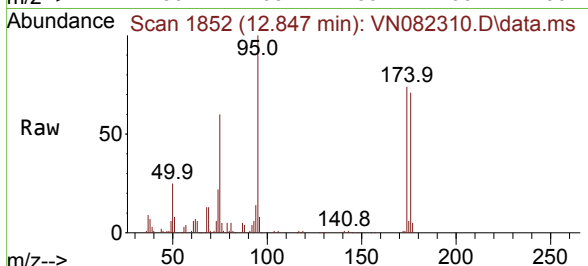
Tgt Ion: 117 Resp: 269872
Ion Ratio Lower Upper
117 100
82 59.2 44.6 66.8
119 31.5 25.9 38.9



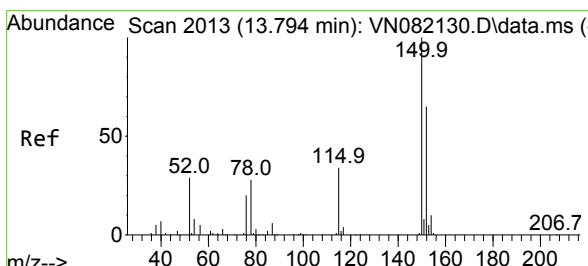
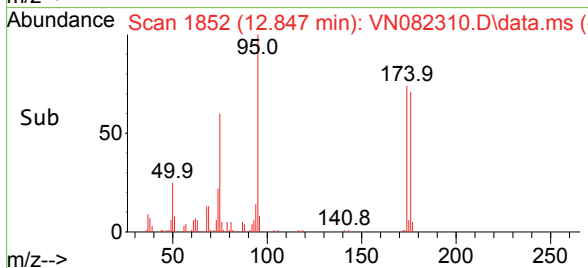
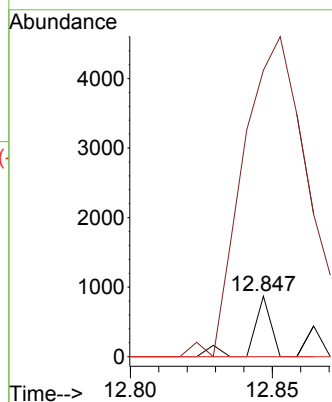


#71
 Bromoform
 Concen: 0.931 ug/l
 RT: 12.847 min Scan# 1806
 Delta R.T. 0.271 min
 Lab File: VN082310.D
 Acq: 23 May 2024 10:30

Instrument :
 MSVOA_N
 ClientSampleId :

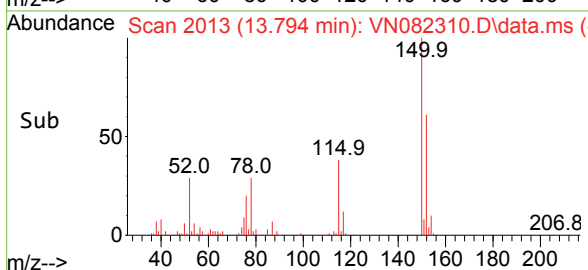
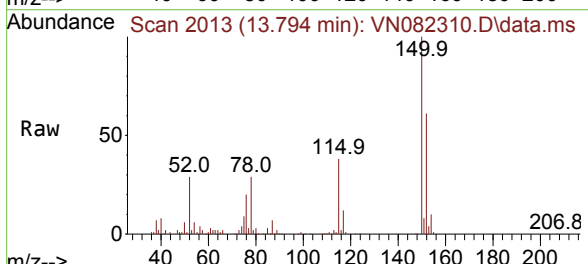
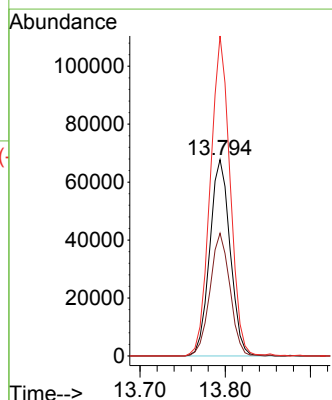


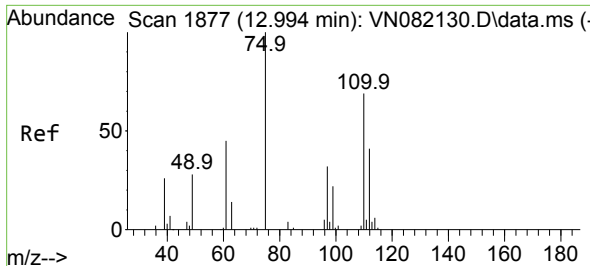
Tgt Ion:173 Resp: 365
 Ion Ratio Lower Upper
 173 100
 175 0.0 24.6 74.0#
 254 0.0 0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082310.D
 Acq: 23 May 2024 10:30

Tgt Ion:152 Resp: 112582
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.4 91.3
 150 157.9 0.0 353.2

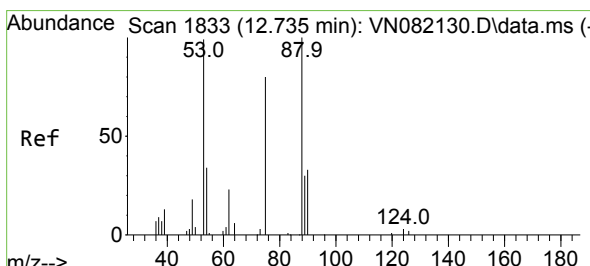
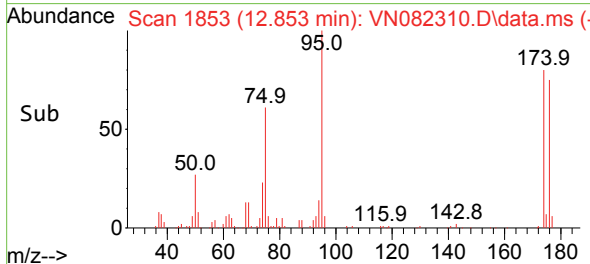
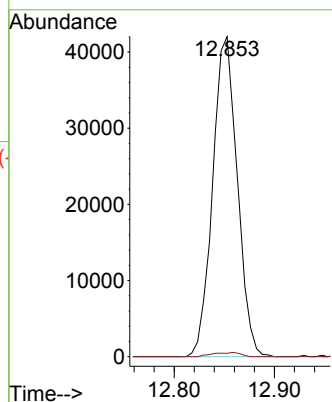
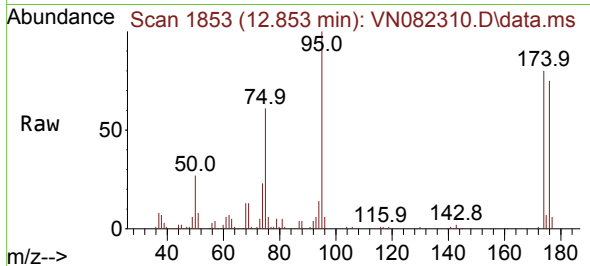




#76
1,2,3-Trichloropropane
Concen: 30.281 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

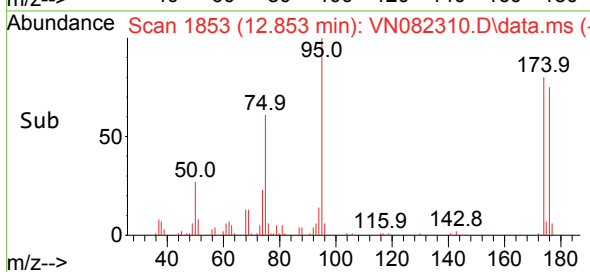
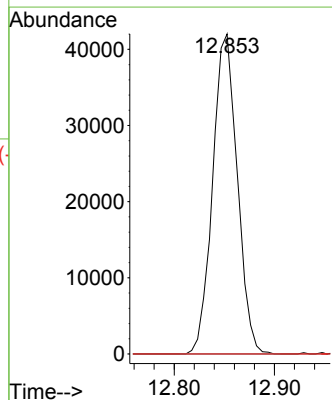
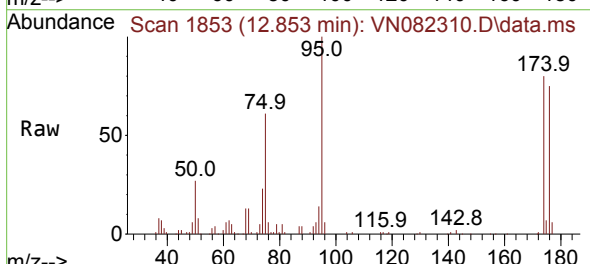
Instrument :
MSVOA_N
ClientSampleId :

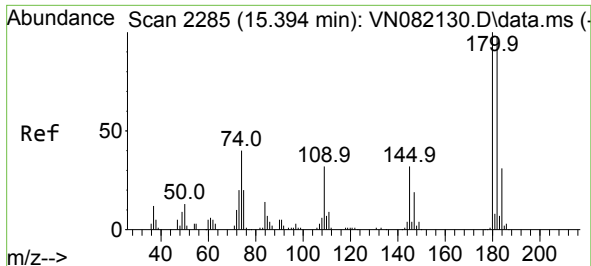
Tgt Ion: 75 Resp: 71753
Ion Ratio Lower Upper
75 100
77 1.5 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.826 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

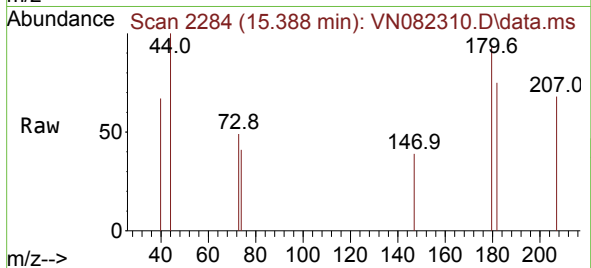
Tgt Ion: 75 Resp: 71753
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



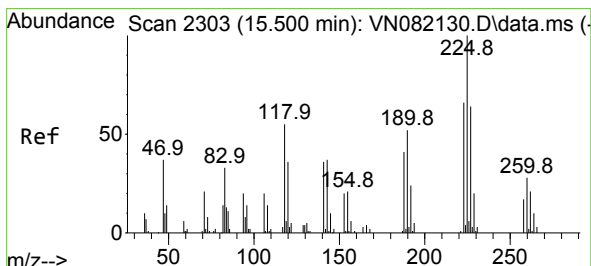
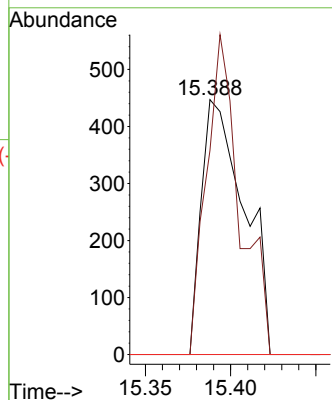
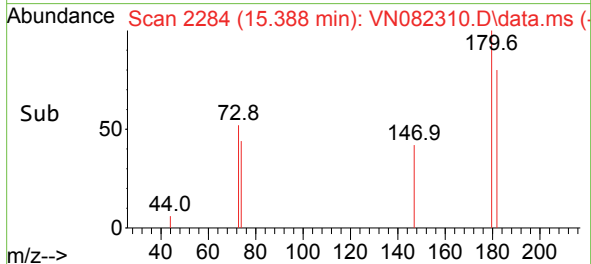


#93
1,2,4-Trichlorobenzene
Concen: 0.383 ug/l
RT: 15.388 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

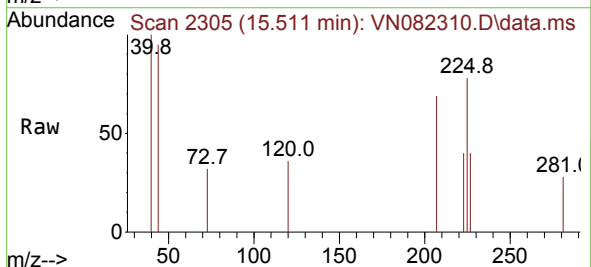
Instrument :
MSVOA_N
ClientSampleId :



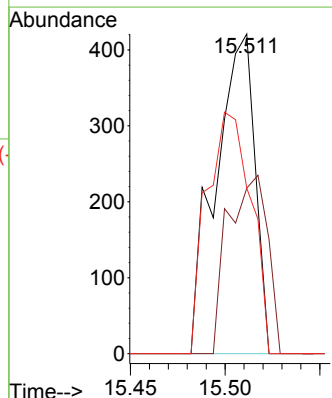
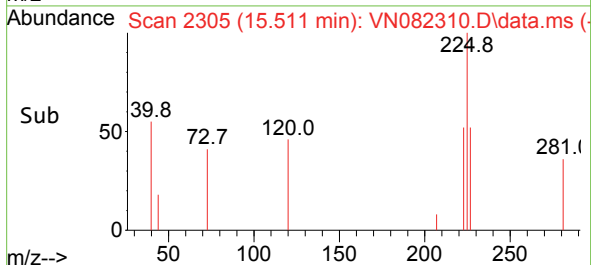
Tgt Ion:180 Resp: 784
Ion Ratio Lower Upper
180 100
182 98.0 46.7 140.0
145 0.0 16.2 48.6#

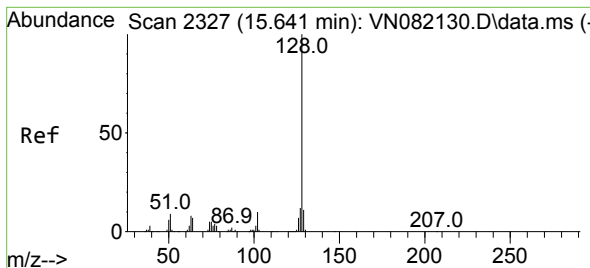


#94
Hexachlorobutadiene
Concen: 0.674 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.012 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30



Tgt Ion:225 Resp: 606
Ion Ratio Lower Upper
225 100
223 56.3 31.1 93.2
227 84.8 30.6 91.6





#95

Naphthalene

Concen: 0.520 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

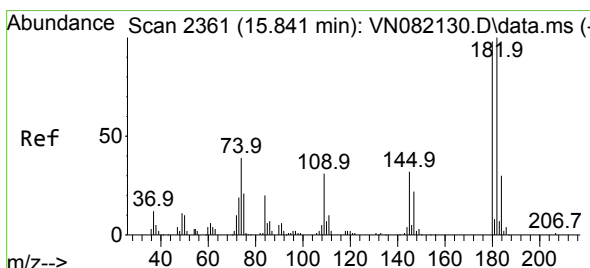
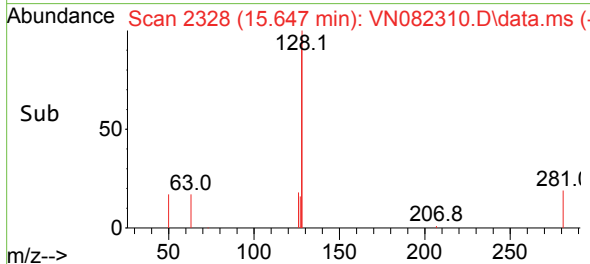
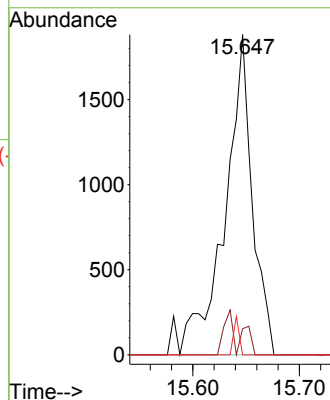
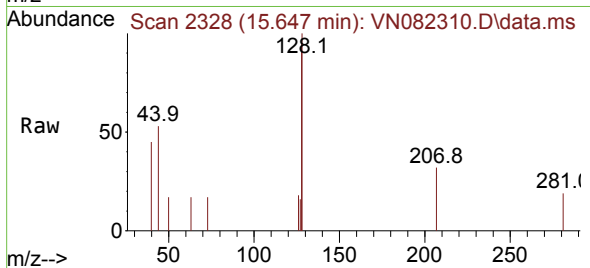
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128 Resp: 3342

Ion	Ratio	Lower	Upper
128	100		
127	4.5	10.1	15.1#
129	2.4	8.9	13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.551 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

Tgt Ion:180 Resp: 1130

Ion	Ratio	Lower	Upper
180	100		
182	76.7	46.0	137.8
145	6.7	17.1	51.3#

