

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082210.D
 Acq On : 20 May 2024 15:22
 Operator : JC\MD
 Sample : P2511-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 510-A

Quant Time: May 21 03:48:43 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)

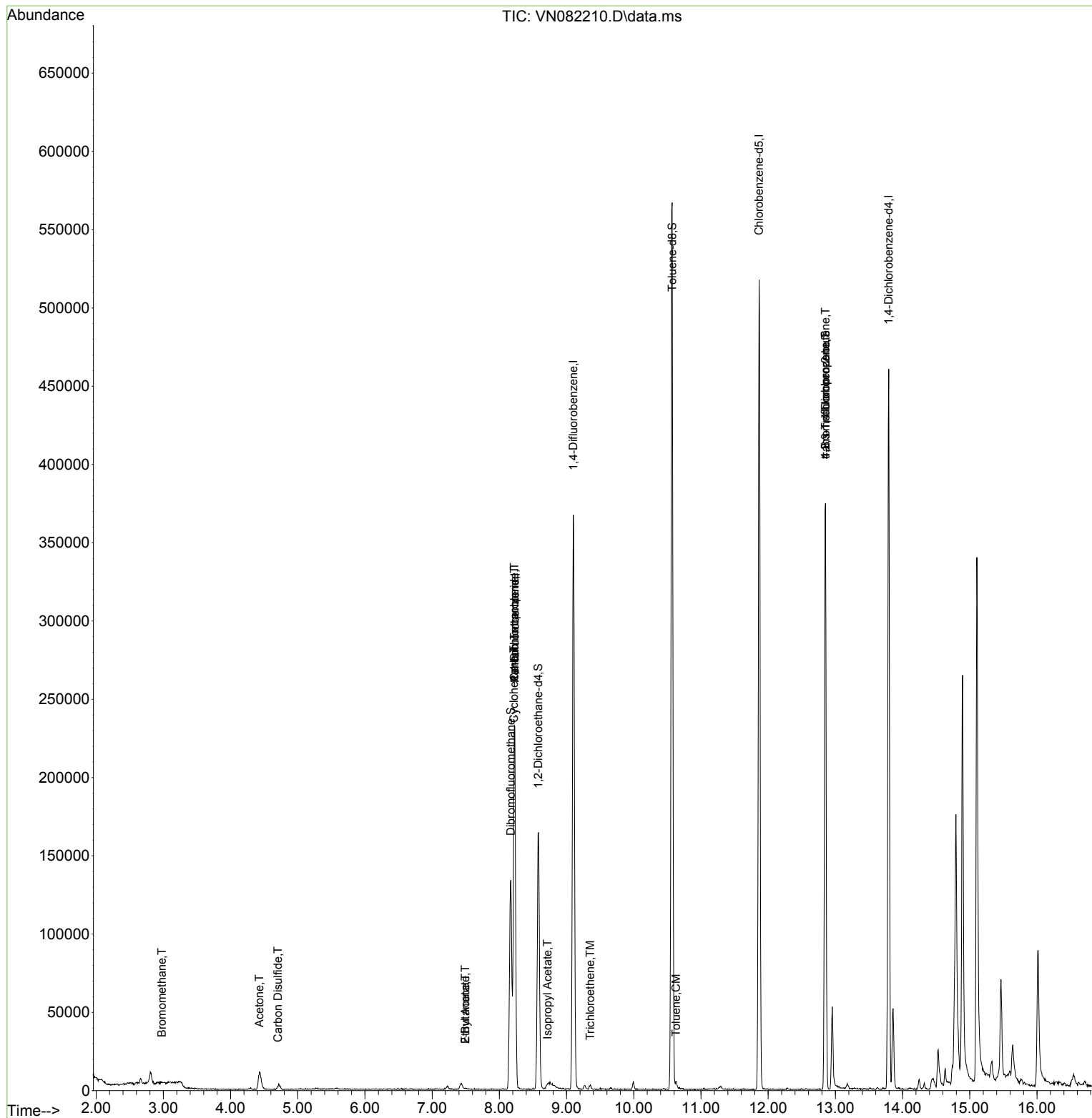
Internal Standards						
1) Pentafluorobenzene	8.230	168	163876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137057	52.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.940%	
35) Dibromofluoromethane	8.171	113	96025	54.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.120%	
50) Toluene-d8	10.571	98	372253	54.666	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	12.853	95	120457	49.561	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	395	0.273	ug/l	82
16) Acetone	4.430	43	22847	21.523	ug/l #	83
17) Carbon Disulfide	4.706	76	1499	0.259	ug/l #	74
25) 2-Butanone	7.494	43	1559	0.969	ug/l #	43
31) Cyclohexane	8.218	56	4738	1.146	ug/l #	53
36) 1,1-Dichloropropene	8.224	75	15302	5.137	ug/l #	49
37) Ethyl Acetate	7.494	43	1559	0.468	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17899	5.927	ug/l #	19
43) Isopropyl Acetate	8.718	43	2432	0.412	ug/l #	52
44) Trichloroethene	9.353	130	1036	0.513	ug/l	84
52) Toluene	10.629	92	1764	0.331	ug/l	96
76) 1,2,3-Trichloropropane	12.853	75	72128	30.974	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72128	72.448	ug/l #	12

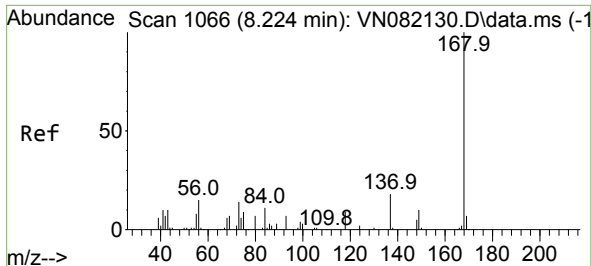
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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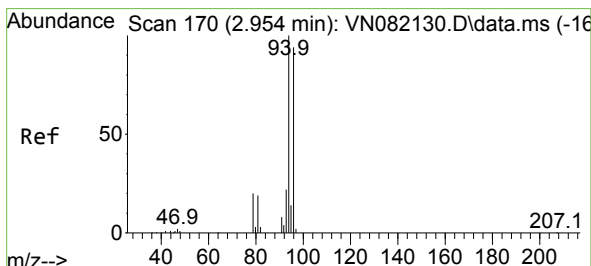
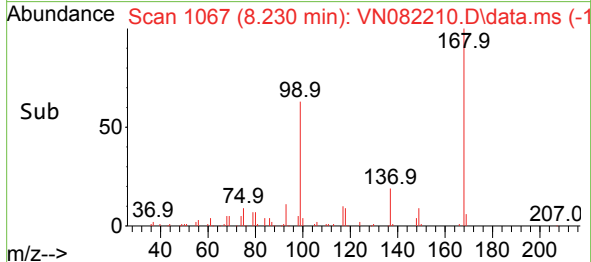
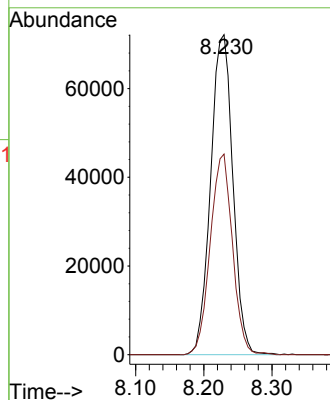
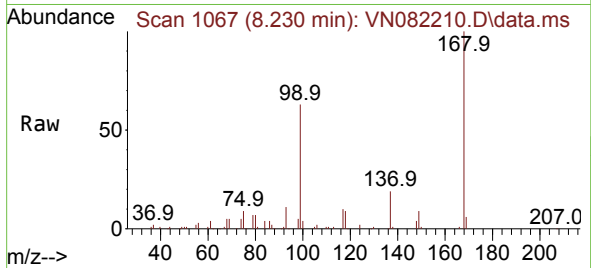




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

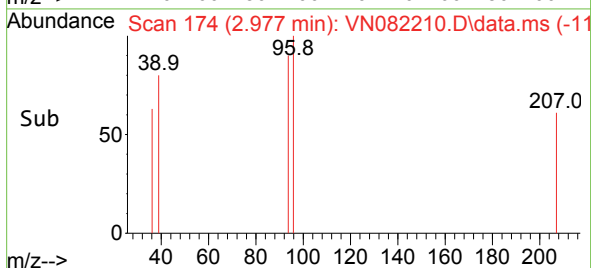
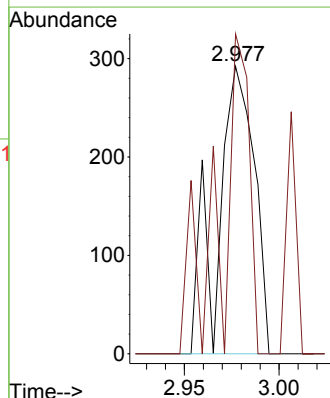
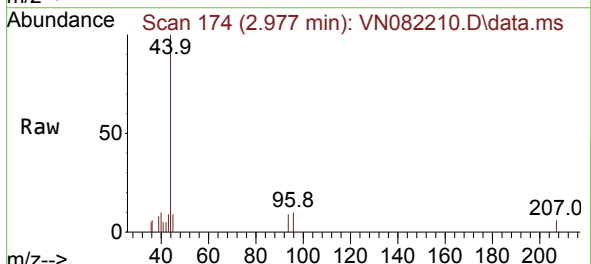
Instrument :
MSVOA_N
ClientSampleId :
510-A

Tgt Ion:168 Resp: 163876
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4



#5
Bromomethane
Concen: 0.273 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 111.3 74.8 112.2

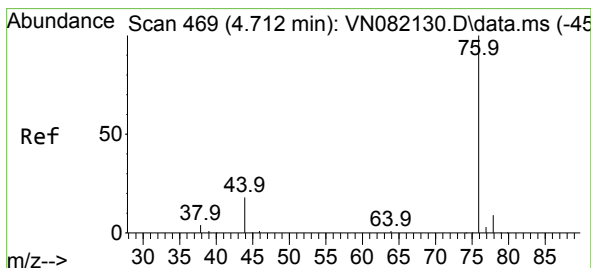
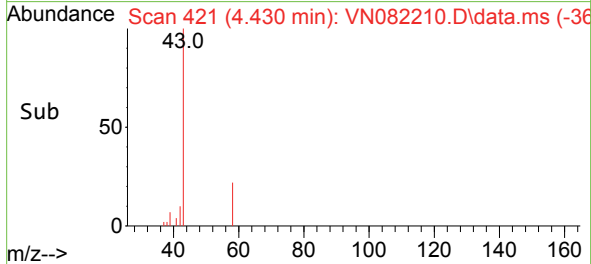
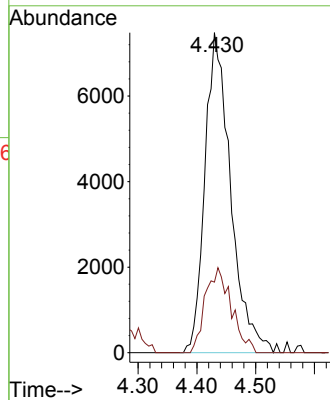
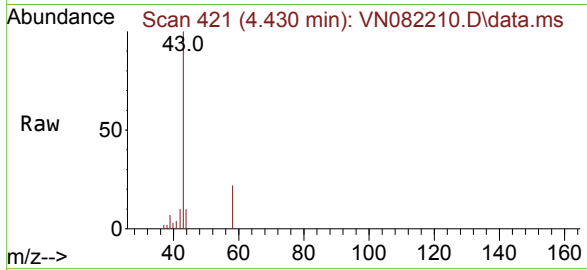




#16
Acetone
Concen: 21.523 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

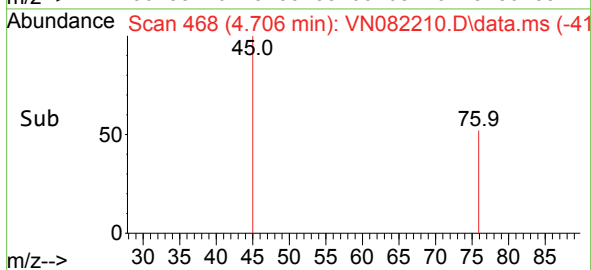
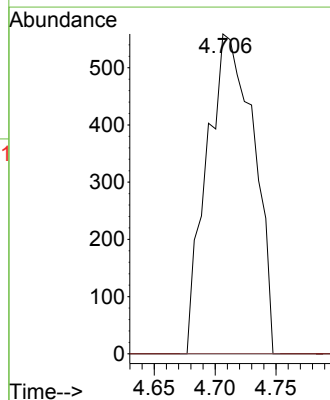
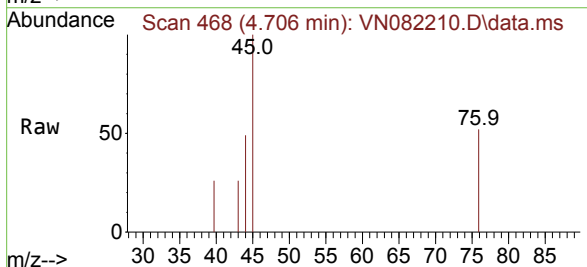
Instrument :
MSVOA_N
ClientSampleId :
510-A

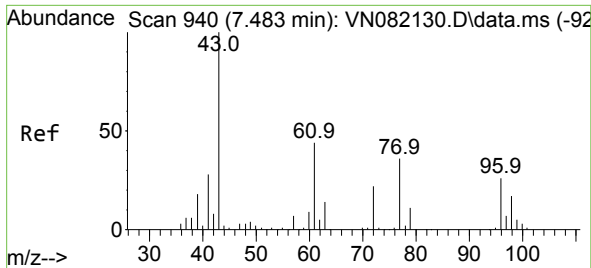
Tgt Ion: 43 Resp: 22847
Ion Ratio Lower Upper
43 100
58 22.1 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.259 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

Tgt Ion: 76 Resp: 1499
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

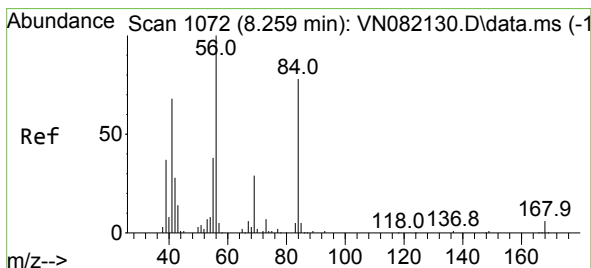
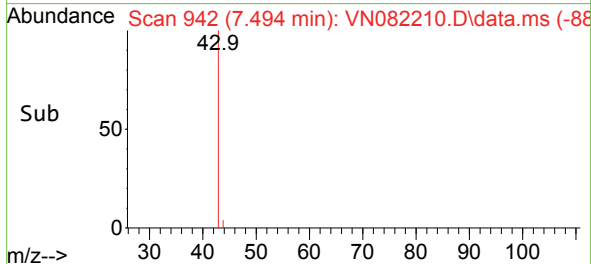
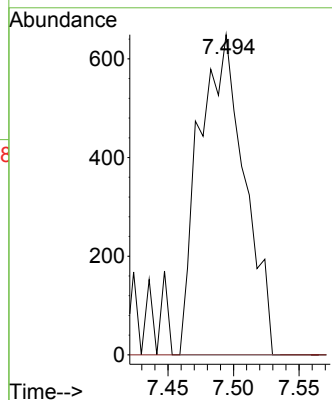
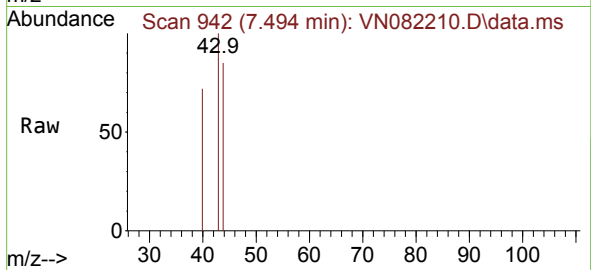




#25
2-Butanone
Concen: 0.969 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

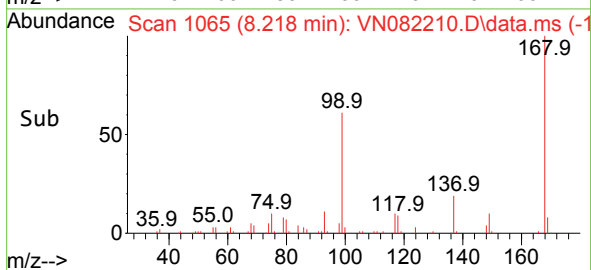
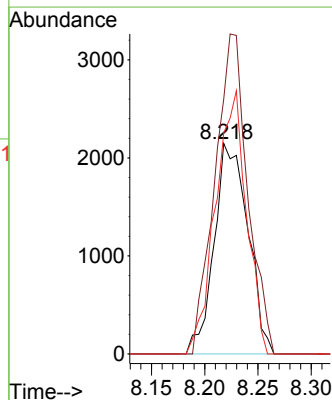
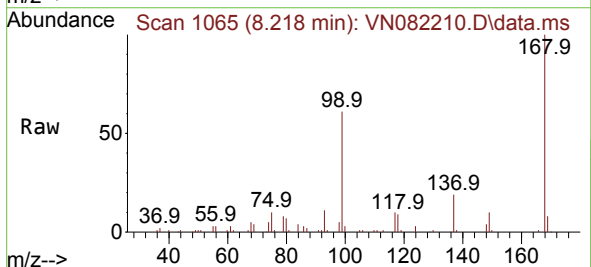
Instrument :
MSVOA_N
ClientSampleId :
510-A

Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

Tgt Ion: 56 Resp: 4738
Ion Ratio Lower Upper
56 100
69 121.0 24.4 36.6#
84 105.1 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.966 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082210.D

Acq: 20 May 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

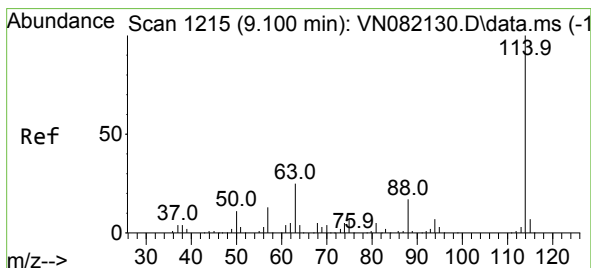
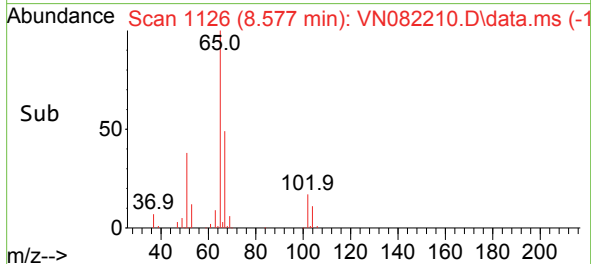
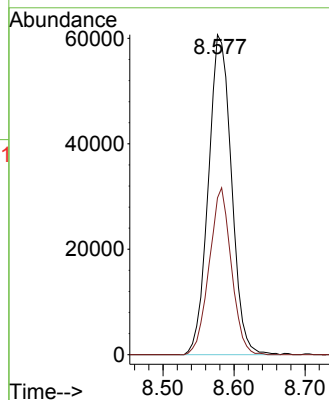
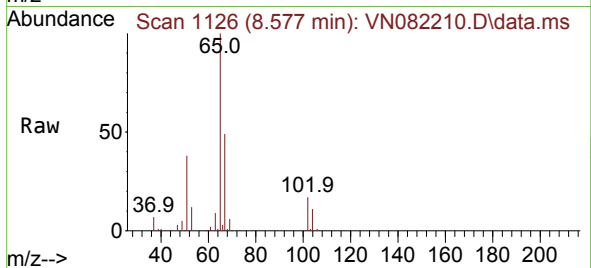
510-A

Tgt Ion: 65 Resp: 137057

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082210.D

Acq: 20 May 2024 15:22

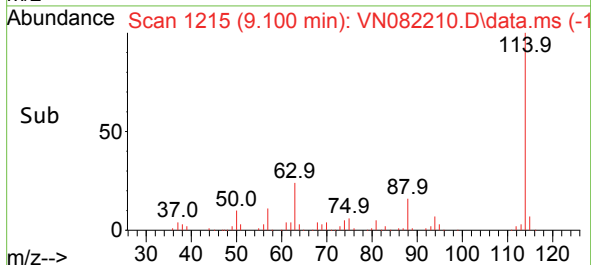
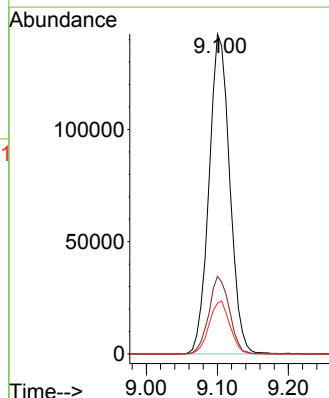
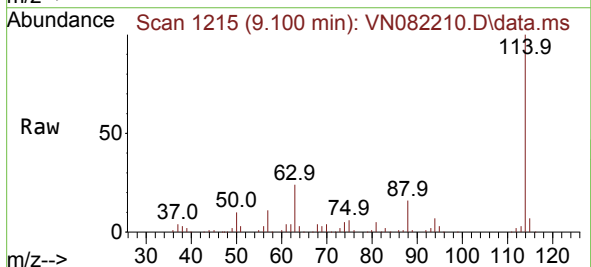
Tgt Ion: 114 Resp: 288730

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 15.9 0.0 31.4

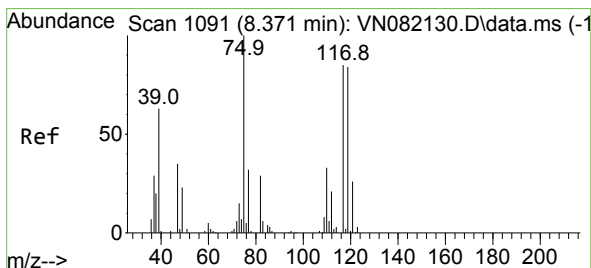
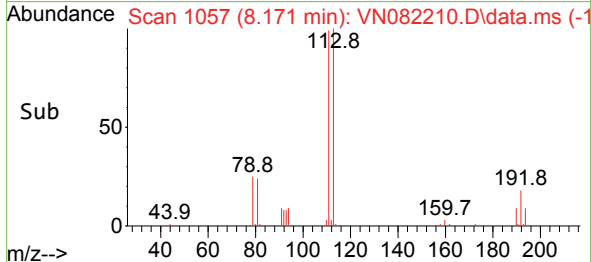
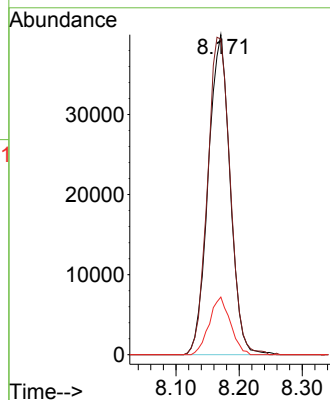
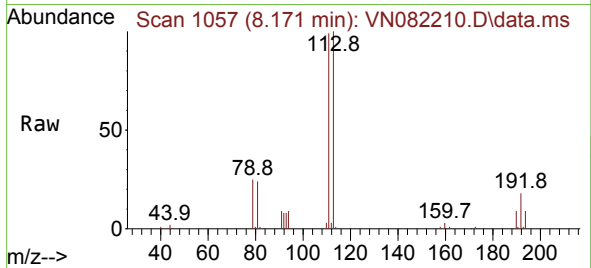




#35
Dibromofluoromethane
Concen: 54.064 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

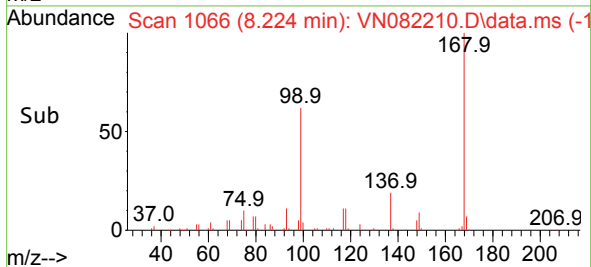
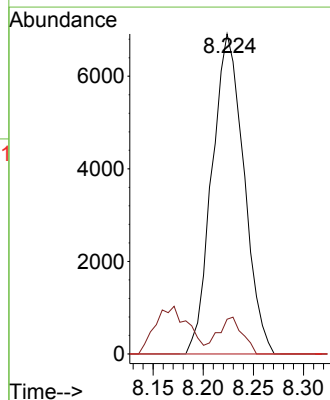
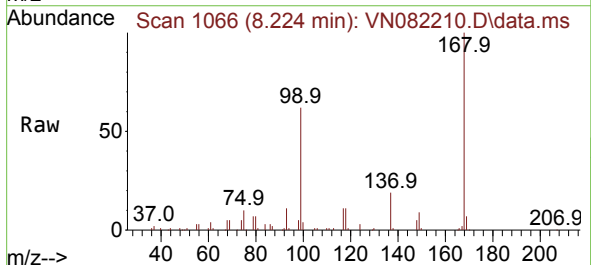
Instrument :
MSVOA_N
ClientSampleId :
510-A

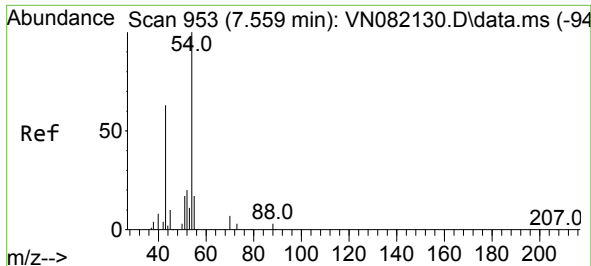
Tgt Ion:113 Resp: 96025
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 17.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.137 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

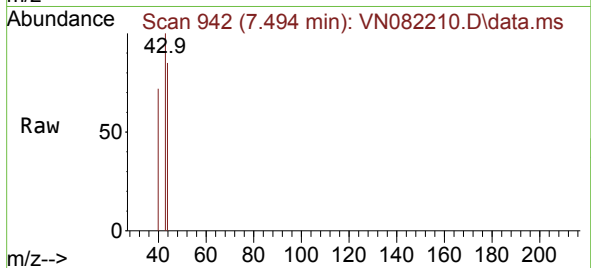
Tgt Ion: 75 Resp: 15302
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 25.0 37.4#



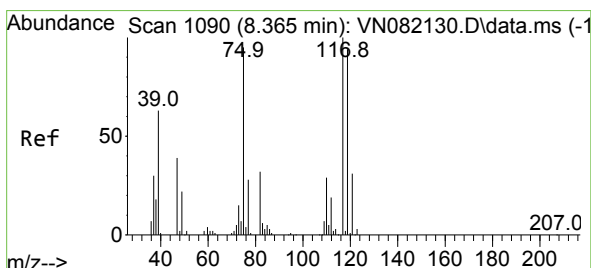
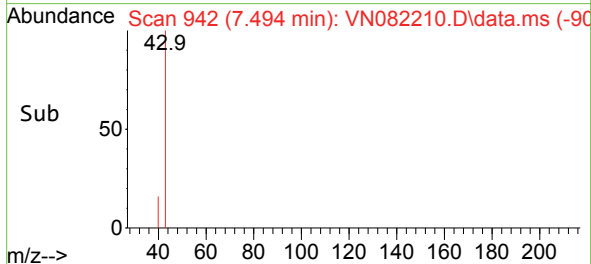
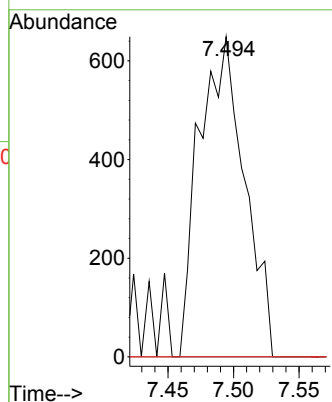


#37
Ethyl Acetate
Concen: 0.468 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.065 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
510-A

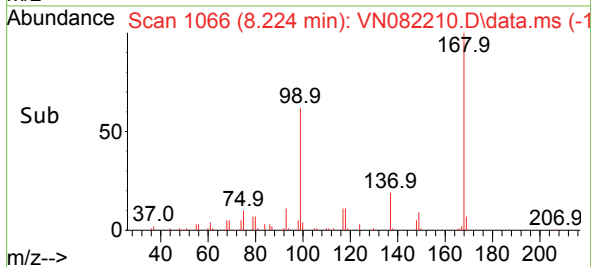
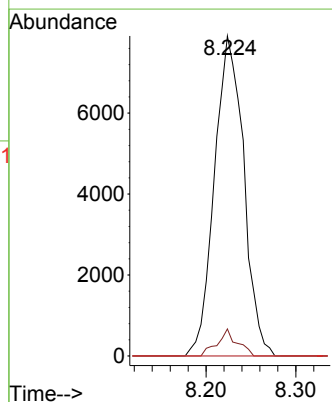
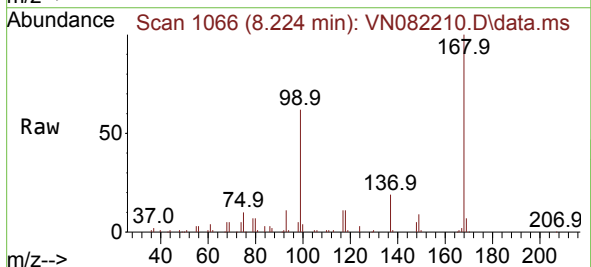


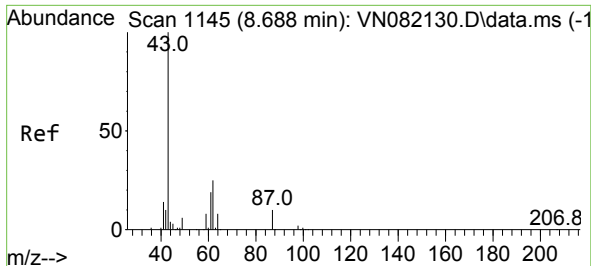
Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.927 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

Tgt Ion: 117 Resp: 17899
Ion Ratio Lower Upper
117 100
119 8.4 76.5 114.7#
121 0.0 23.9 35.9#

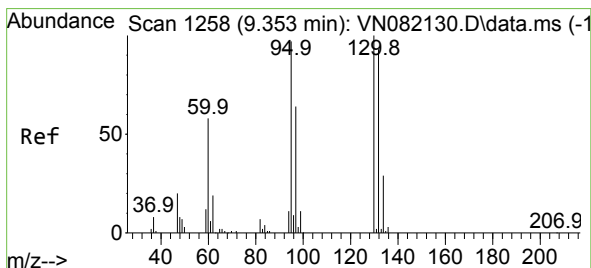
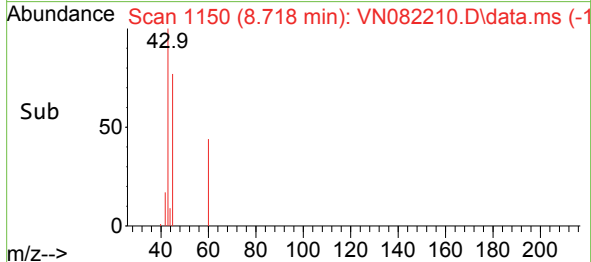
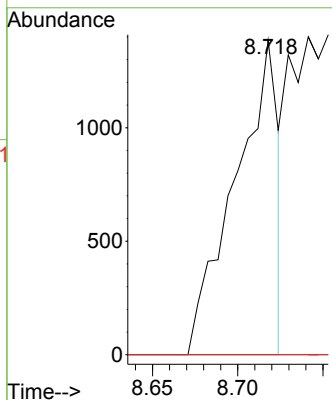
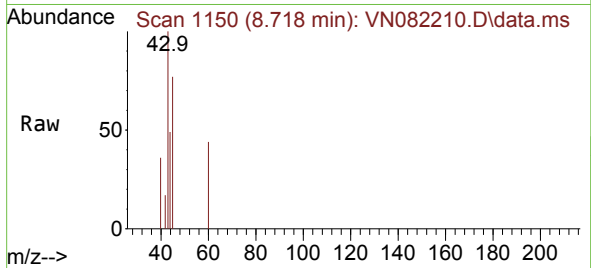




#43
Isopropyl Acetate
Concen: 0.412 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.029 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

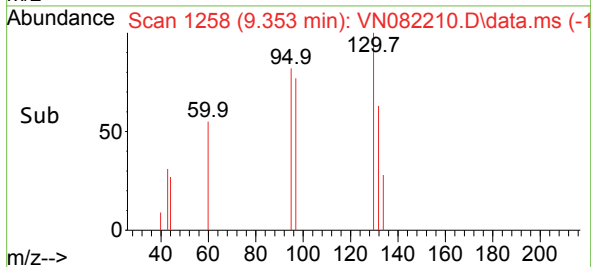
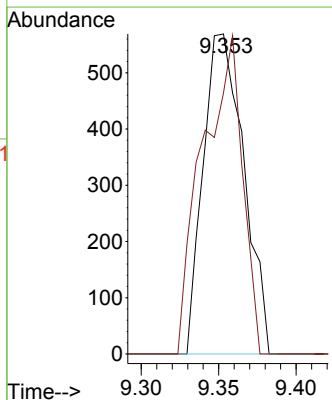
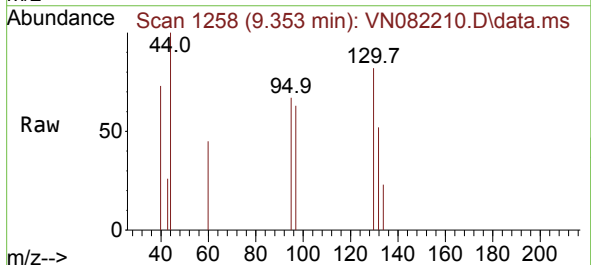
Instrument :
MSVOA_N
ClientSampleId :
510-A

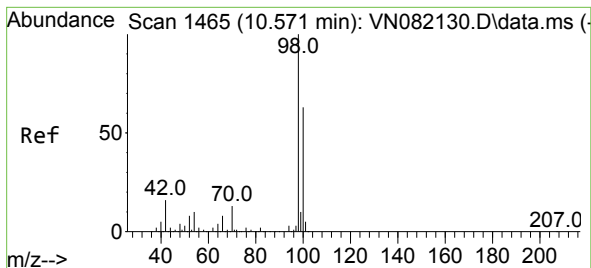
Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.513 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

Tgt Ion:130 Resp: 1036
Ion Ratio Lower Upper
130 100
95 81.5 0.0 195.4

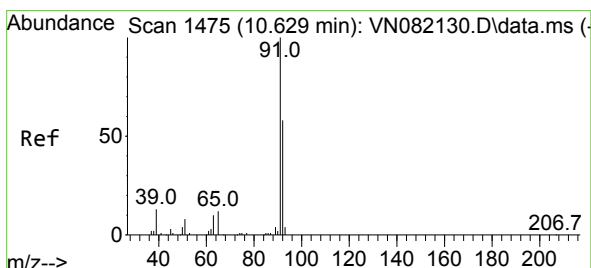
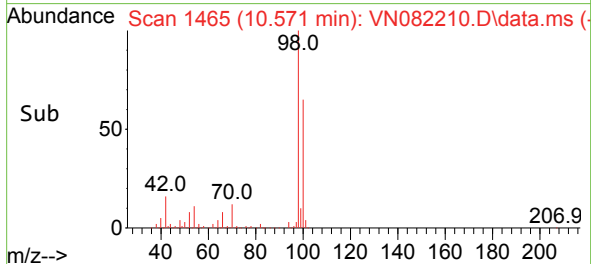
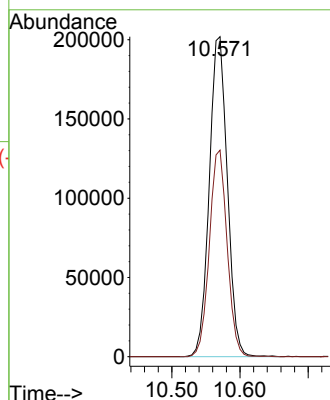
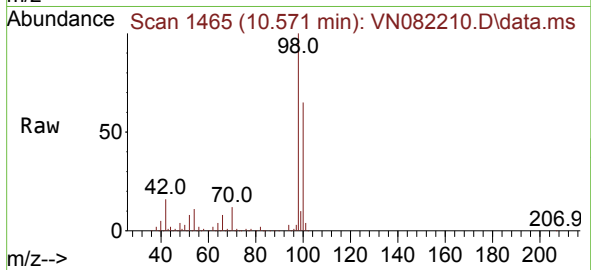




#50
Toluene-d8
Concen: 54.666 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

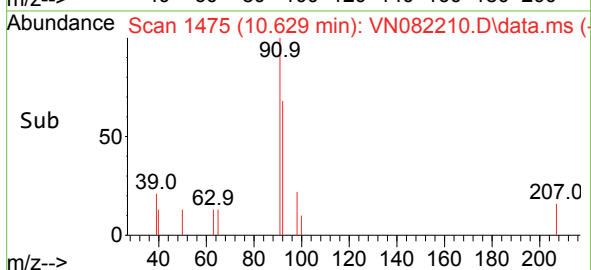
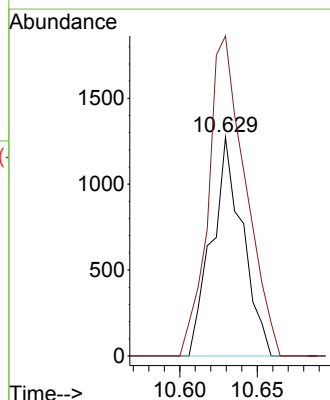
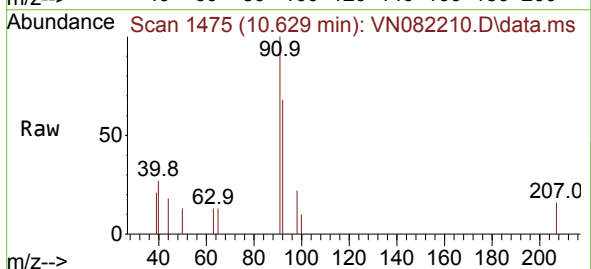
Instrument :
MSVOA_N
ClientSampleId :
510-A

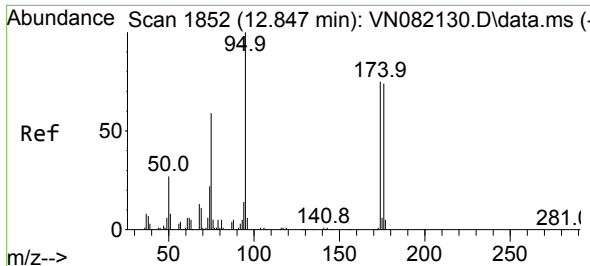
Tgt Ion: 98 Resp: 372253
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#52
Toluene
Concen: 0.331 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

Tgt Ion: 92 Resp: 1764
Ion Ratio Lower Upper
92 100
91 176.0 136.7 205.1

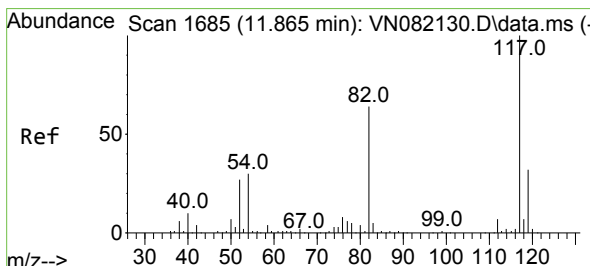
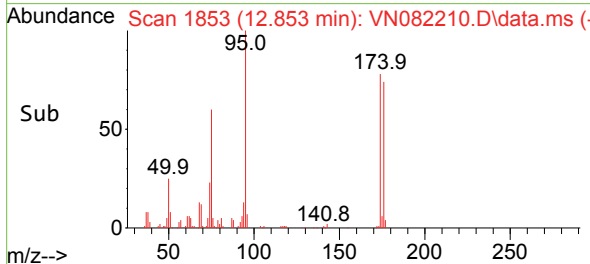
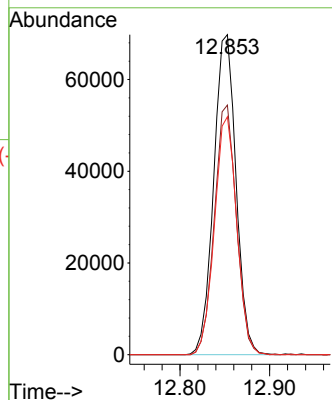
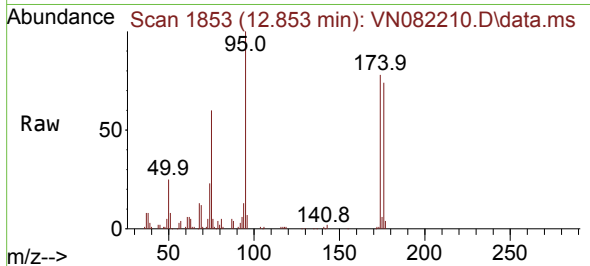




#62
4-Bromofluorobenzene
Concen: 49.561 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

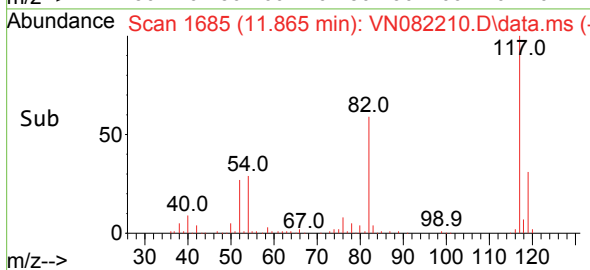
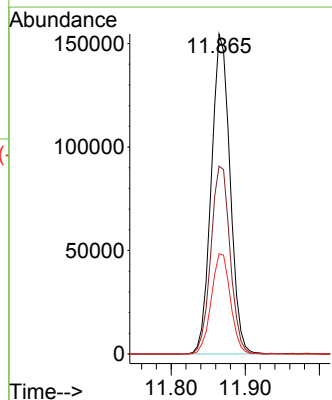
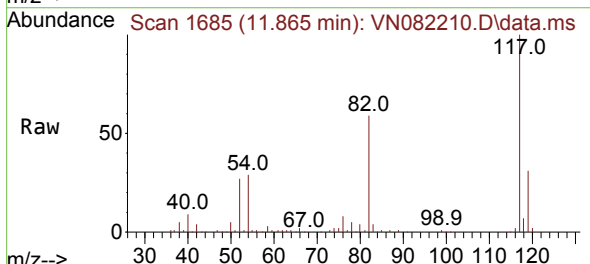
Instrument :
MSVOA_N
ClientSampleId :
510-A

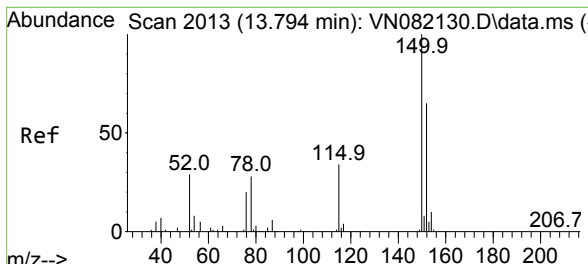
Tgt Ion: 95 Resp: 120457
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.6
176 74.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082210.D
Acq: 20 May 2024 15:22

Tgt Ion: 117 Resp: 271672
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 31.3 25.9 38.9

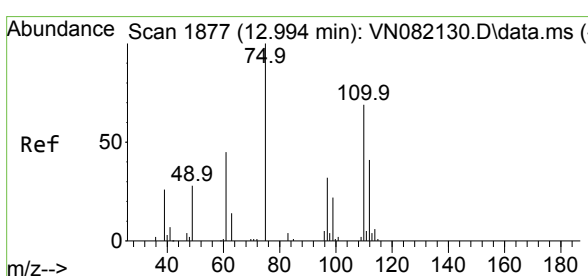
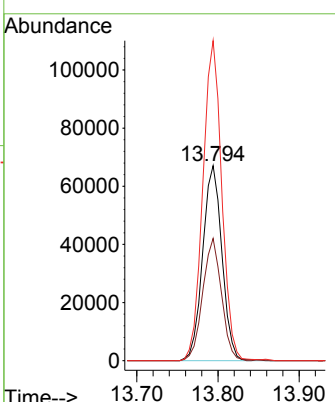
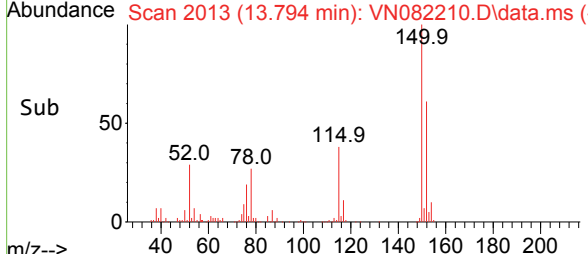
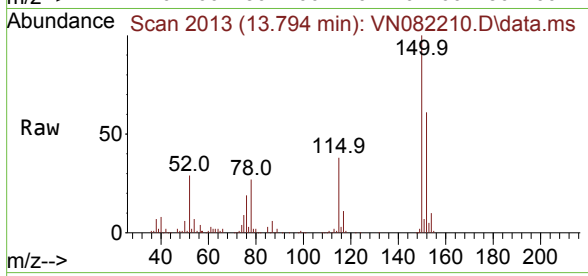




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082210.D
 Acq: 20 May 2024 15:22

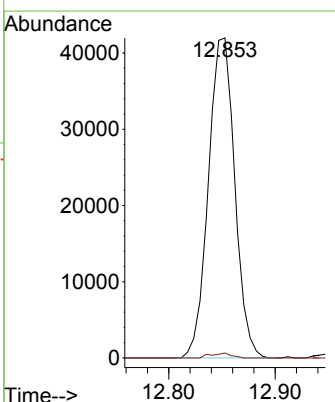
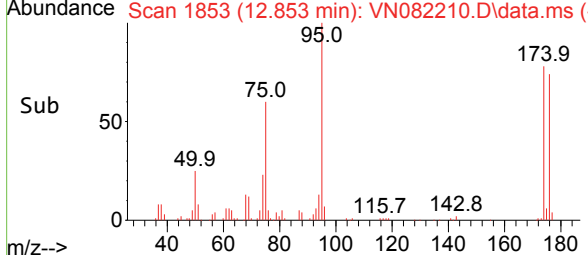
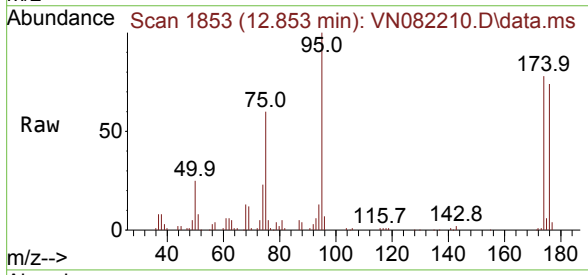
Instrument :
 MSVOA_N
 ClientSampleId :
 510-A

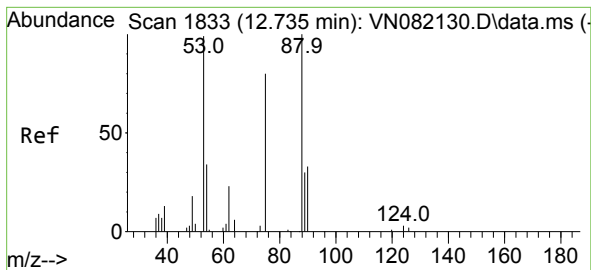
Tgt Ion:	152	Resp:	110636
Ion Ratio	Lower	Upper	
152	100		
115	60.8	30.4	91.3
150	160.9	0.0	353.2



#76
 1,2,3-Trichloropropane
 Concen: 30.974 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082210.D
 Acq: 20 May 2024 15:22

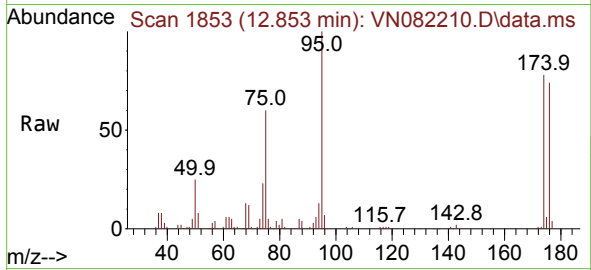
Tgt Ion:	75	Resp:	72128
Ion Ratio	Lower	Upper	
75	100		
77	1.2	90.5	271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.448 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082210.D
 Acq: 20 May 2024 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 510-A



Tgt Ion: 75 Resp: 72128
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

