

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082211.D
 Acq On : 20 May 2024 15:46
 Operator : JC\MD
 Sample : P2511-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 510-B

Quant Time: May 21 03:49:05 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)

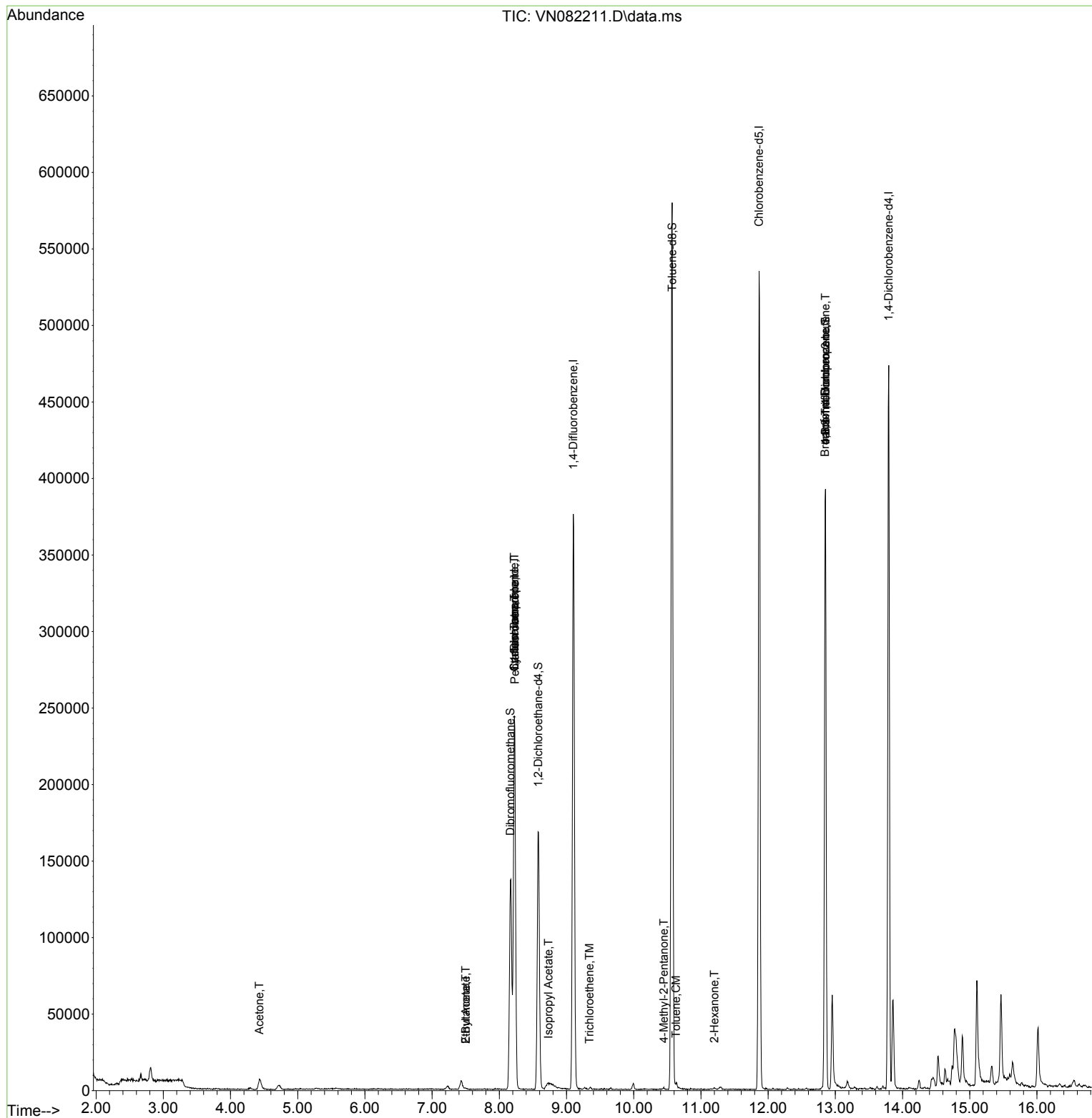
Internal Standards						
1) Pentafluorobenzene	8.230	168	168890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139407	52.275	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.540%	
35) Dibromofluoromethane	8.165	113	97173	52.852	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.700%	
50) Toluene-d8	10.571	98	383014	54.336	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.680%	
62) 4-Bromofluorobenzene	12.853	95	128287	50.990	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	13600	12.432	ug/l	91
25) 2-Butanone	7.500	43	1657	0.999	ug/l #	43
31) Cyclohexane	8.224	56	4846	1.138	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	15905	5.158	ug/l #	48
37) Ethyl Acetate	7.500	43	1657	0.480	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17846	5.709	ug/l #	17
43) Isopropyl Acetate	8.730	43	5138	0.840	ug/l #	52
44) Trichloroethene	9.341	130	613	0.293	ug/l	60
51) 4-Methyl-2-Pentanone	10.447	43	851	0.245	ug/l #	34
52) Toluene	10.630	92	1693	0.307	ug/l	90
59) 2-Hexanone	11.200	43	796	0.313	ug/l #	52
71) Bromoform	12.847	173	360	0.921	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	74794	29.751	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	74794	69.585	ug/l #	12

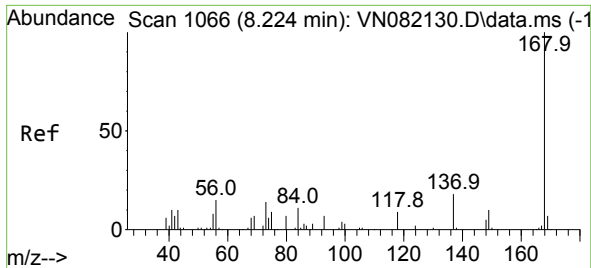
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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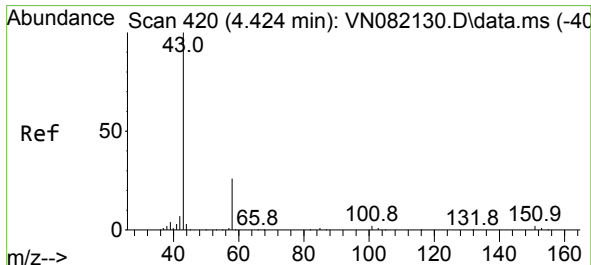
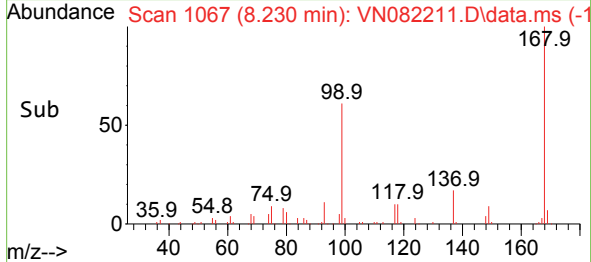
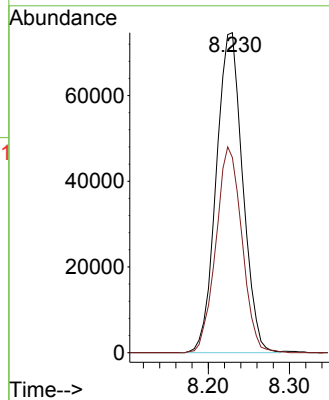
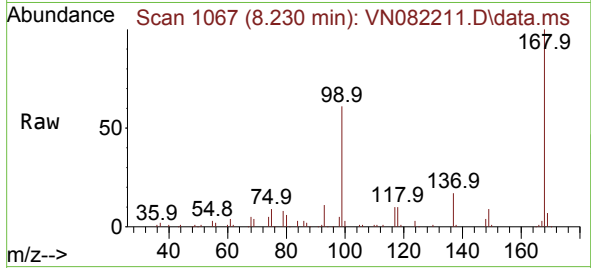




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

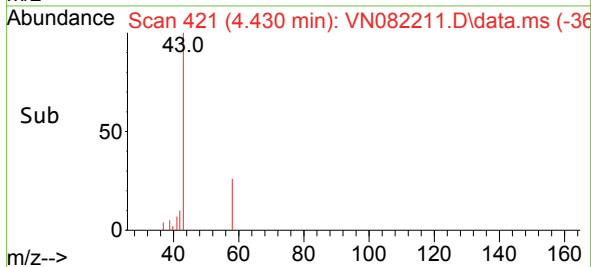
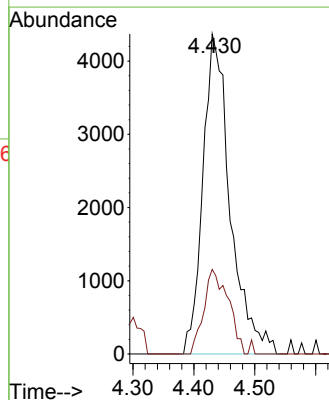
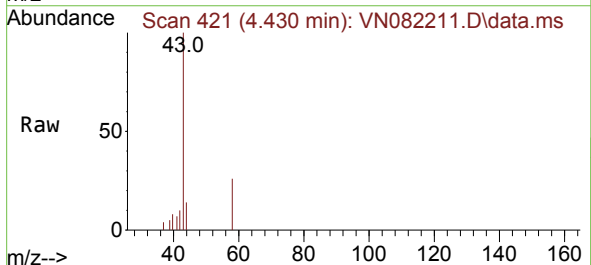
Instrument :
MSVOA_N
ClientSampleId :
510-B

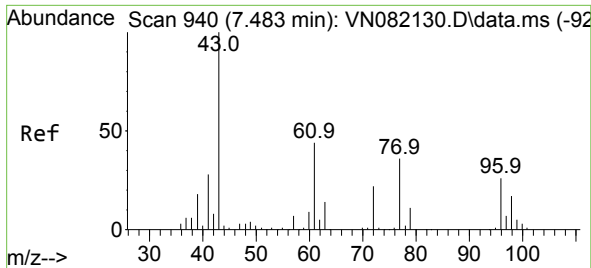
Tgt Ion:168 Resp: 168890
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#16
Acetone
Concen: 12.432 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion: 43 Resp: 13600
Ion Ratio Lower Upper
43 100
58 26.4 25.2 37.8

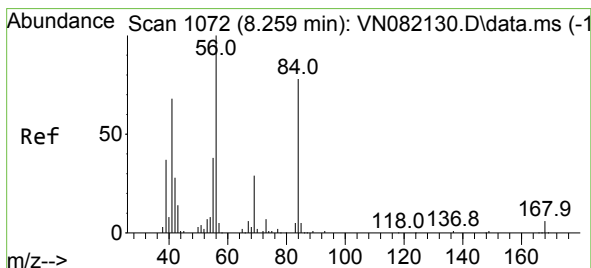
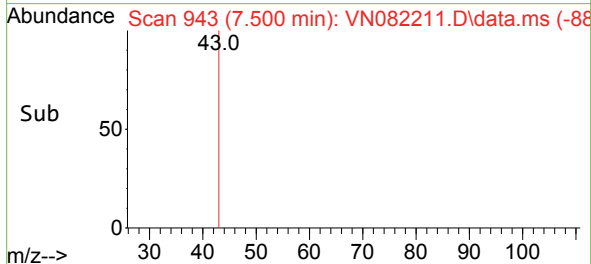
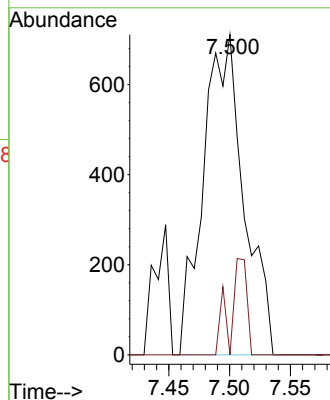
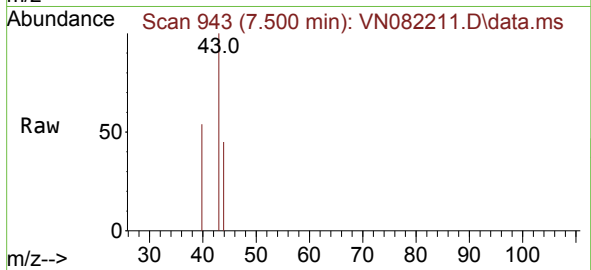




#25
2-Butanone
Concen: 0.999 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

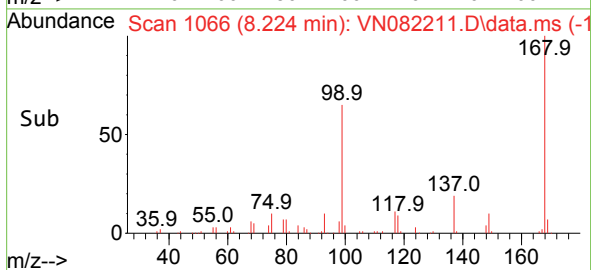
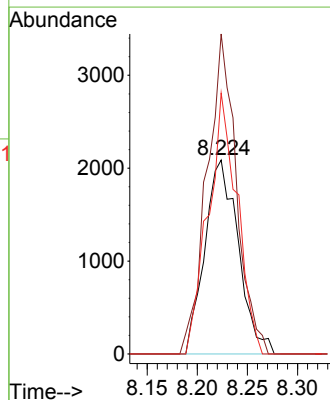
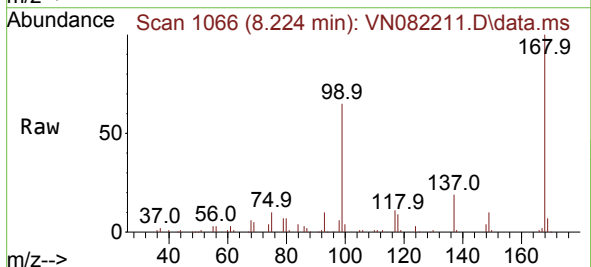
Instrument :
MSVOA_N
ClientSampleId :
510-B

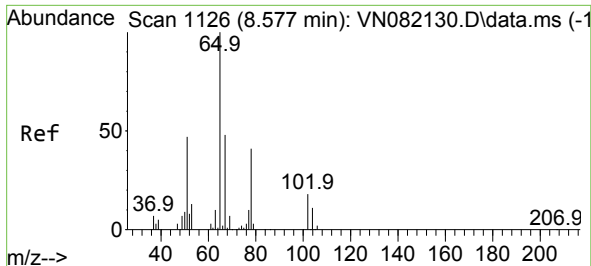
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion: 56 Resp: 4846
Ion Ratio Lower Upper
56 100
69 165.1 24.4 36.6#
84 134.6 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 52.275 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082211.D

Acq: 20 May 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

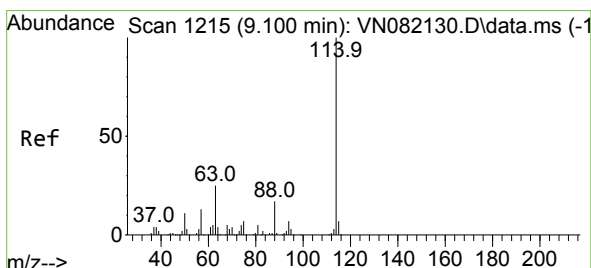
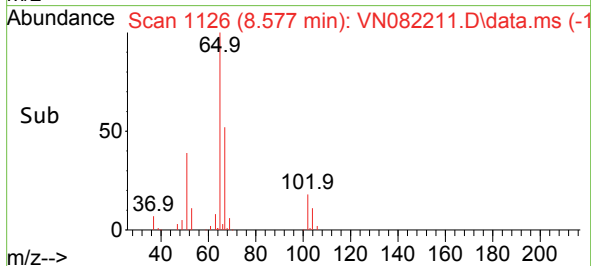
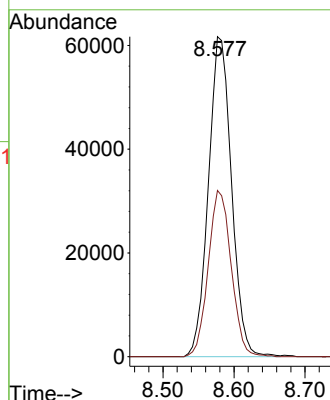
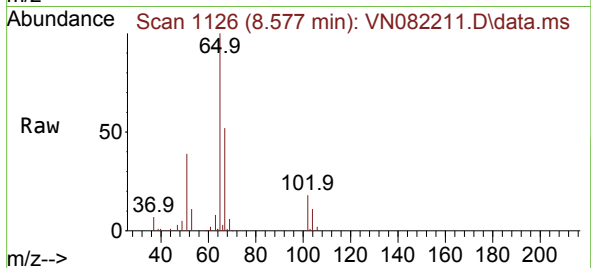
510-B

Tgt Ion: 65 Resp: 139407

Ion Ratio Lower Upper

65 100

67 51.7 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: VN082211.D

Acq: 20 May 2024 15:46

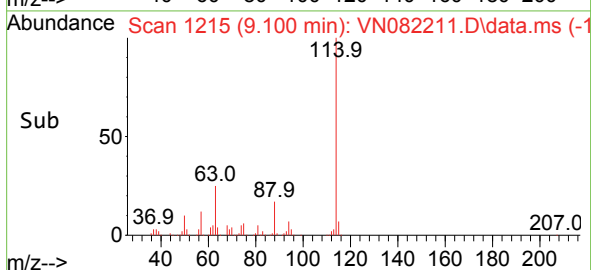
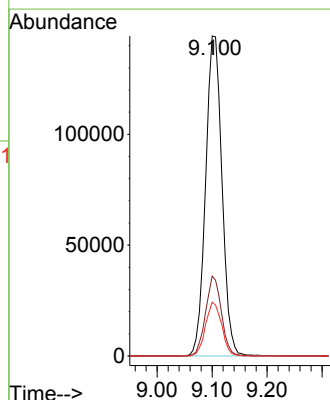
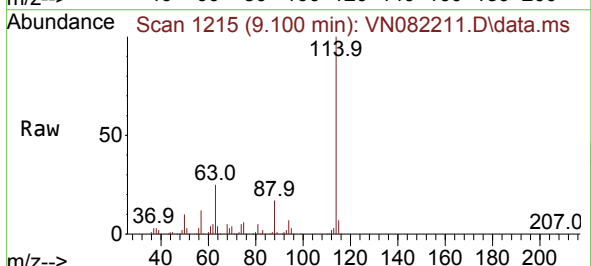
Tgt Ion: 114 Resp: 298880

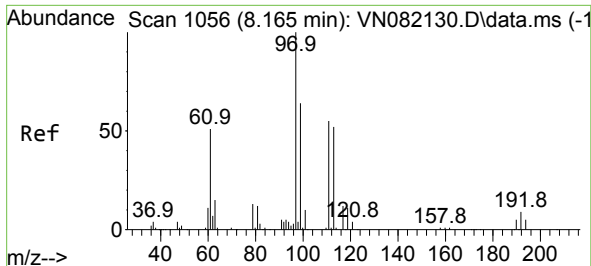
Ion Ratio Lower Upper

114 100

63 25.0 0.0 41.0

88 16.8 0.0 31.4

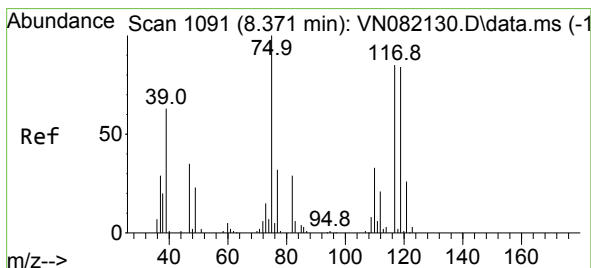
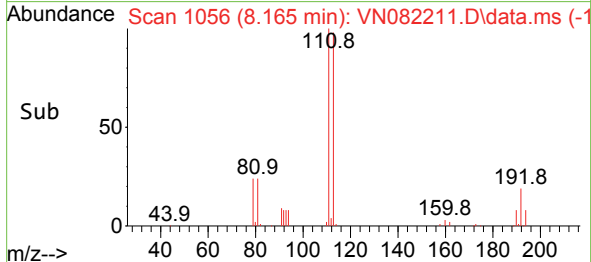
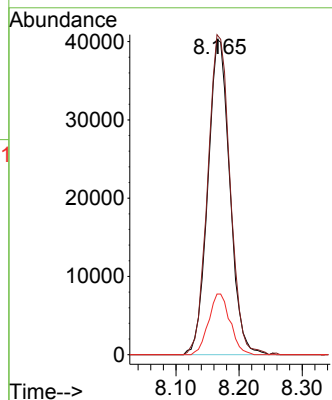
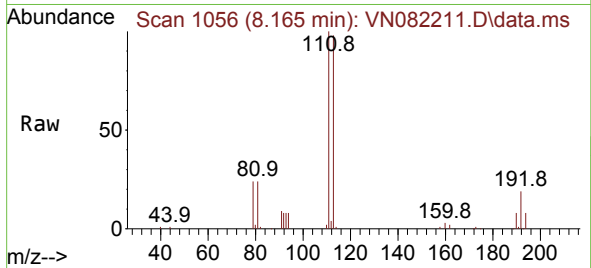




#35
Dibromofluoromethane
Concen: 52.852 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

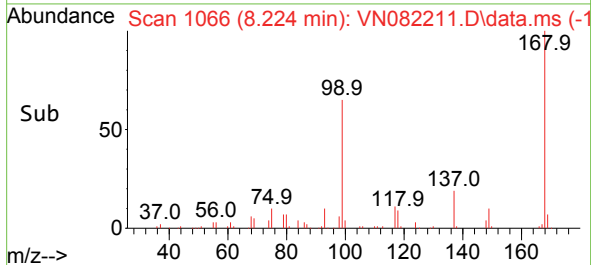
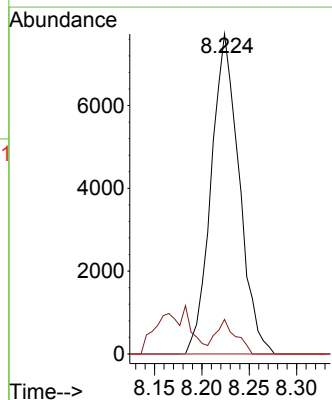
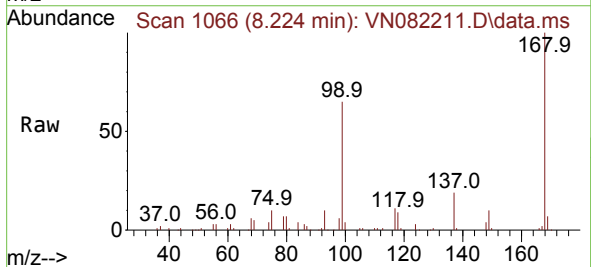
Instrument :
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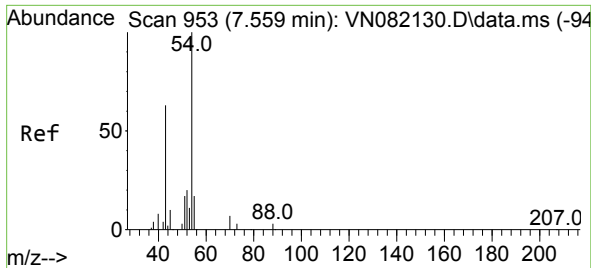
Tgt Ion:113 Resp: 97173
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 18.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.158 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion: 75 Resp: 15905
Ion Ratio Lower Upper
75 100
110 7.6 17.8 53.5#
77 0.0 25.0 37.4#

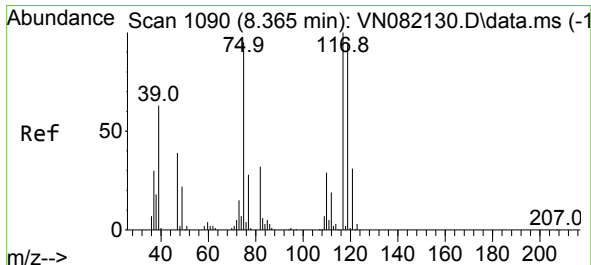
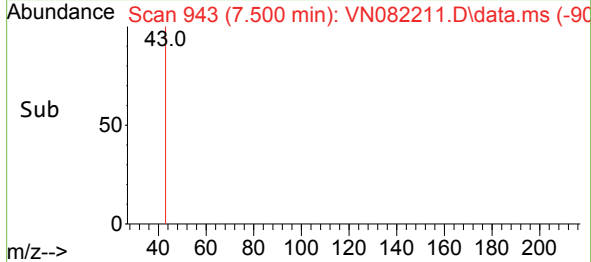
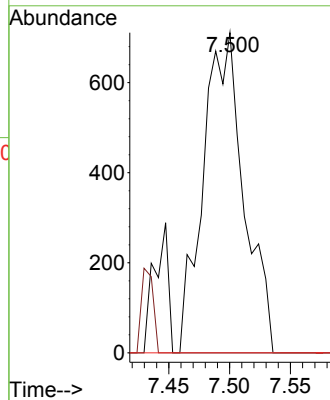
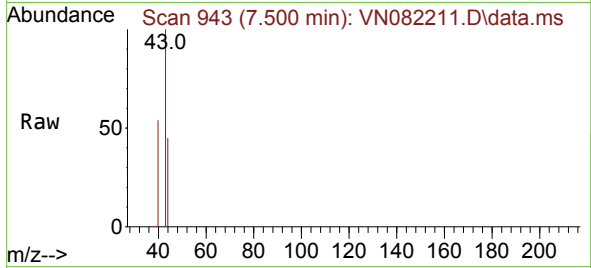




#37
Ethyl Acetate
Concen: 0.480 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.059 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

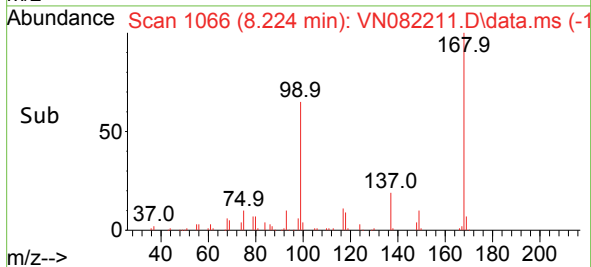
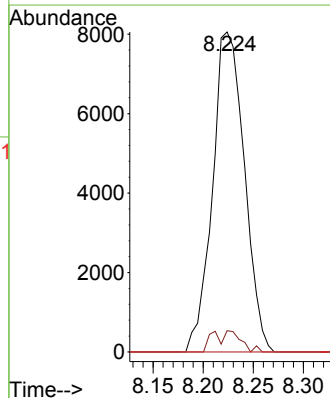
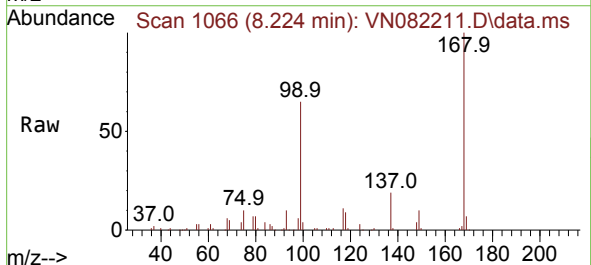
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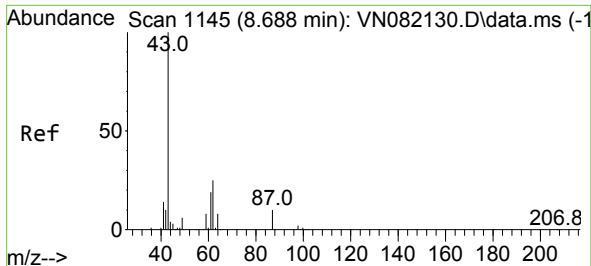
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion: 117 Resp: 17846
Ion Ratio Lower Upper
117 100
119 6.6 76.5 114.7#
121 0.0 23.9 35.9#

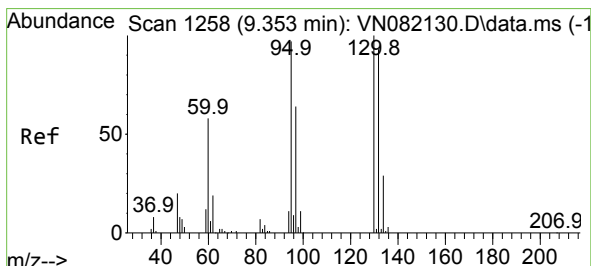
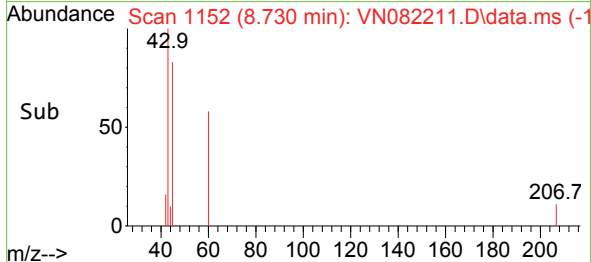
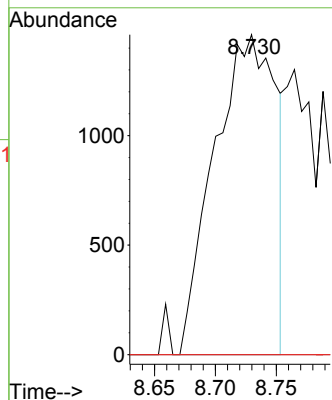
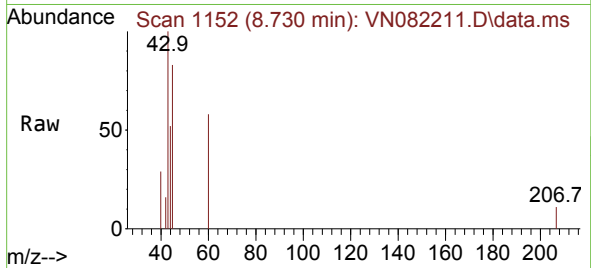




#43
Isopropyl Acetate
Concen: 0.840 ug/l
RT: 8.730 min Scan# 1152
Delta R.T. 0.041 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

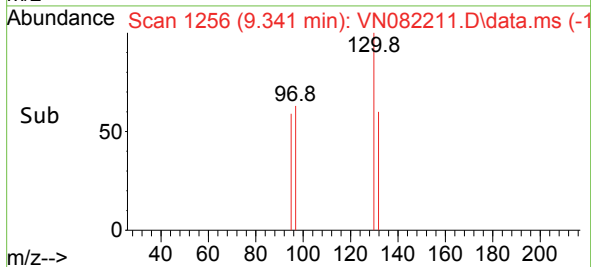
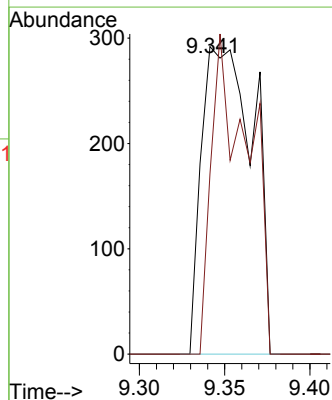
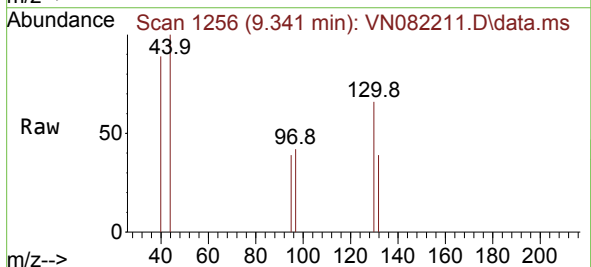
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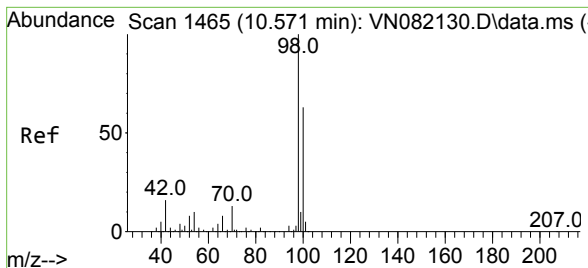
Tgt Ion: 43 Resp: 5138
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.293 ug/l
RT: 9.341 min Scan# 1256
Delta R.T. -0.012 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion:130 Resp: 613
Ion Ratio Lower Upper
130 100
95 58.6 0.0 195.4





#50

Toluene-d8

Concen: 54.336 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082211.D

Acq: 20 May 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

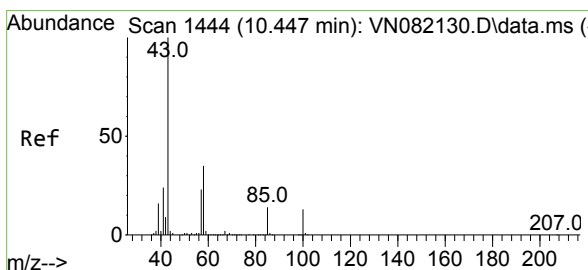
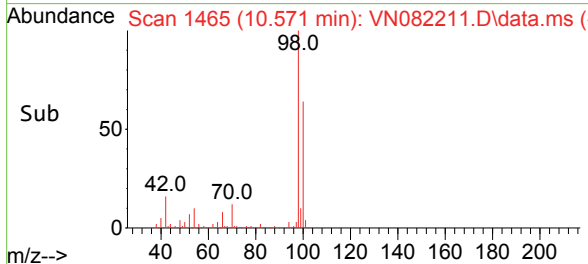
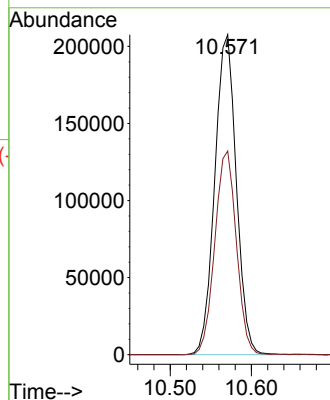
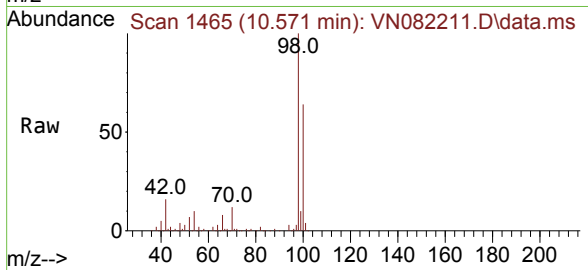
510-B

Tgt Ion: 98 Resp: 383014

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.245 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN082211.D

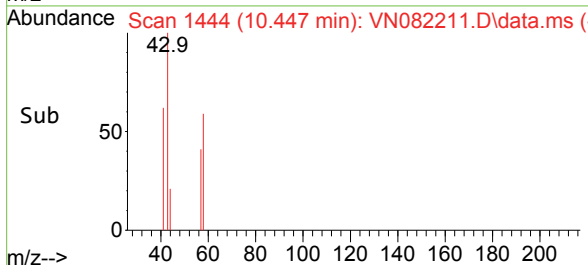
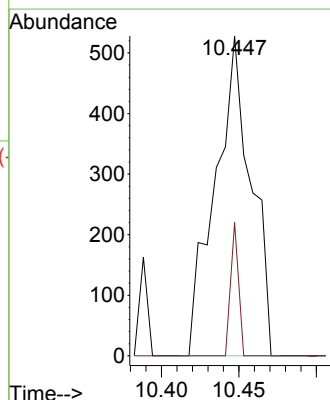
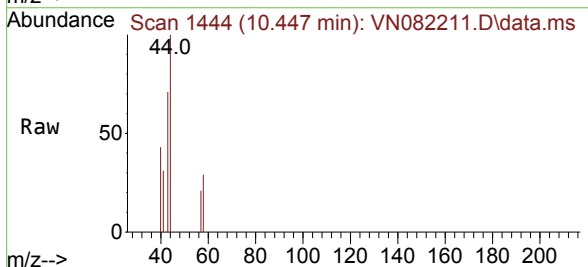
Acq: 20 May 2024 15:46

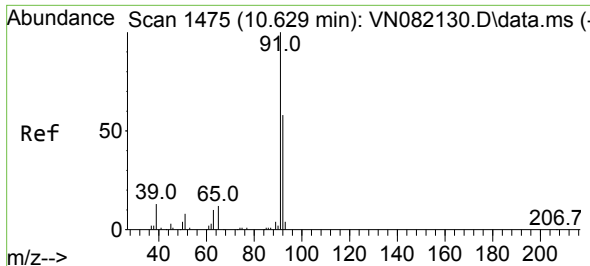
Tgt Ion: 43 Resp: 851

Ion Ratio Lower Upper

43 100

58 0.0 33.2 49.8#

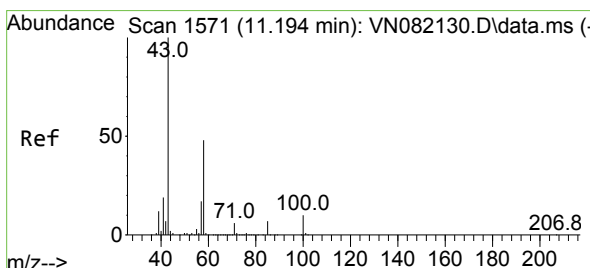
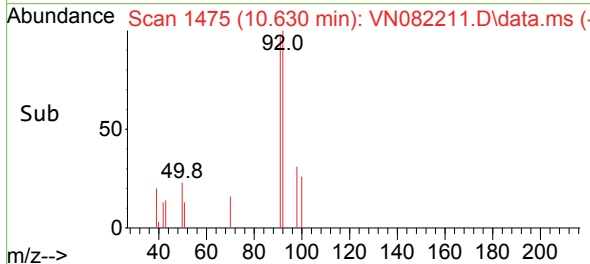
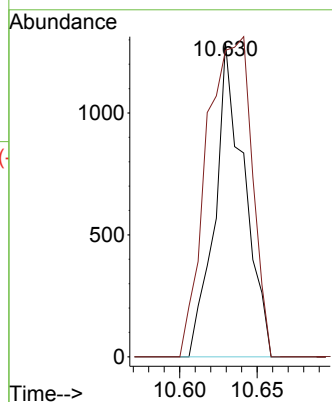
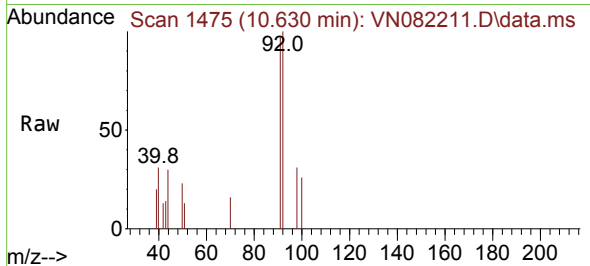




#52
Toluene
Concen: 0.307 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

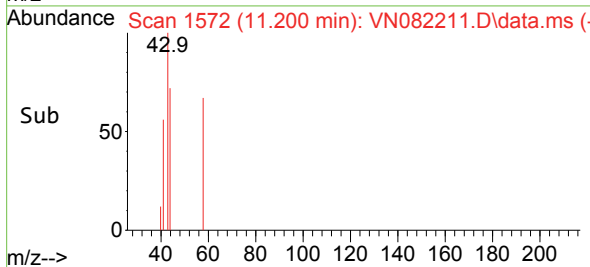
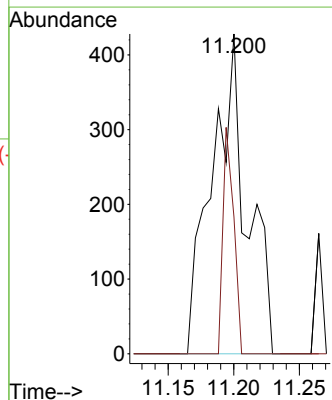
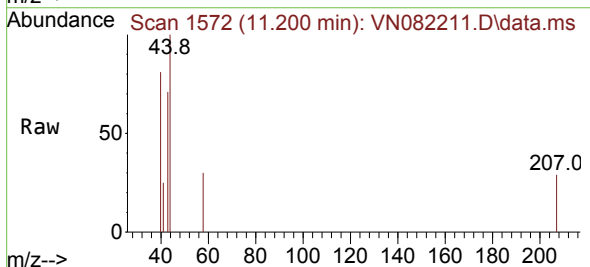
Instrument :
MSVOA_N
ClientSampleId :
510-B

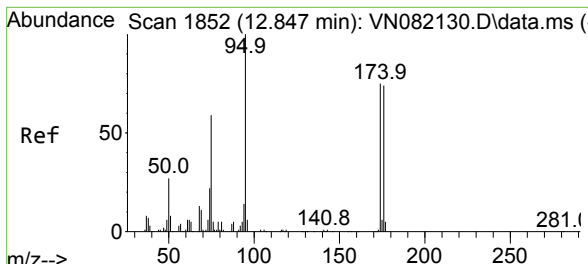
Tgt Ion: 92 Resp: 1693
Ion Ratio Lower Upper
92 100
91 157.2 136.7 205.1



#59
2-Hexanone
Concen: 0.313 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 21.6 28.3 84.9#

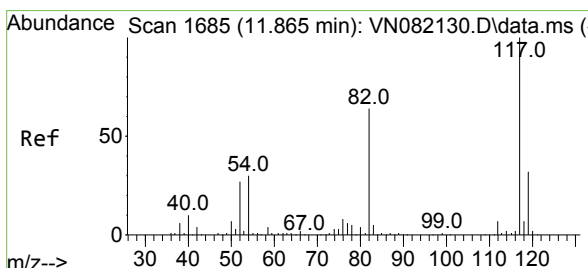
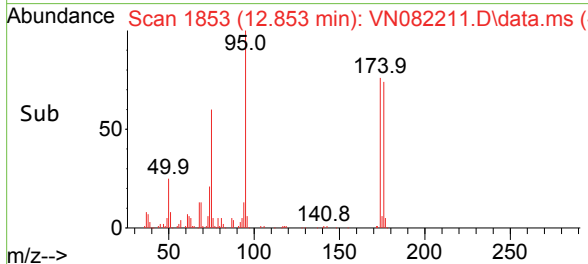
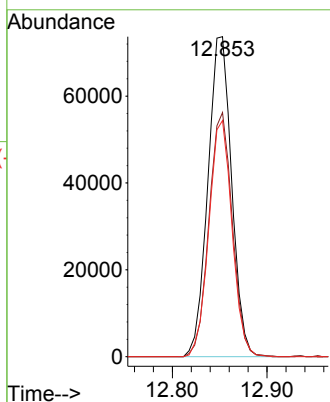
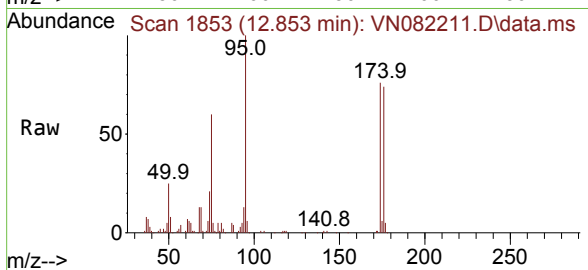




#62
4-Bromofluorobenzene
Concen: 50.990 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

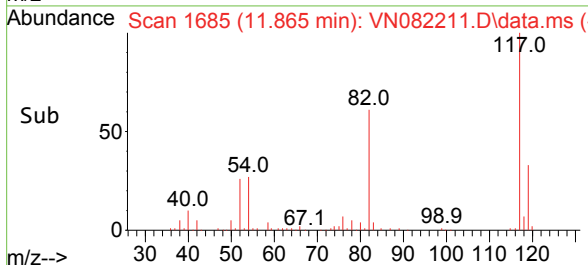
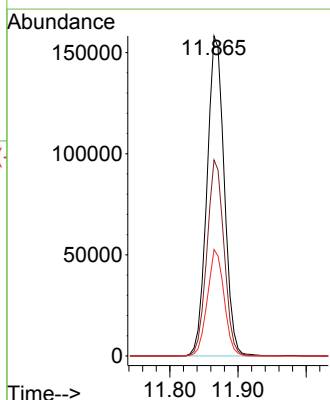
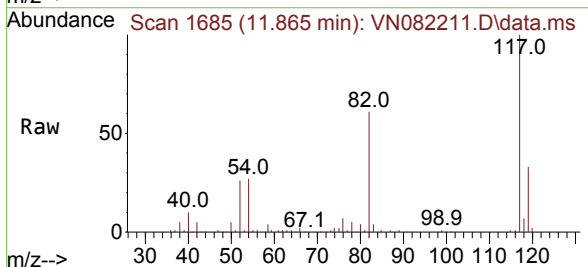
Instrument :
MSVOA_N
ClientSampleId :
510-B

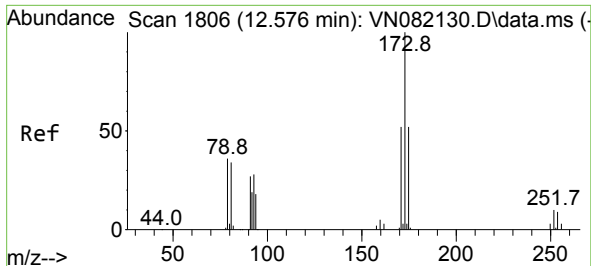
Tgt Ion:	95	Resp:	128287
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	160.6
176	72.0	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion:	117	Resp:	278905
Ion	Ratio	Lower	Upper
117	100		
82	61.3	44.6	66.8
119	33.3	25.9	38.9

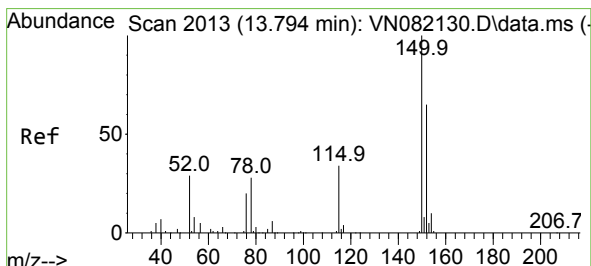
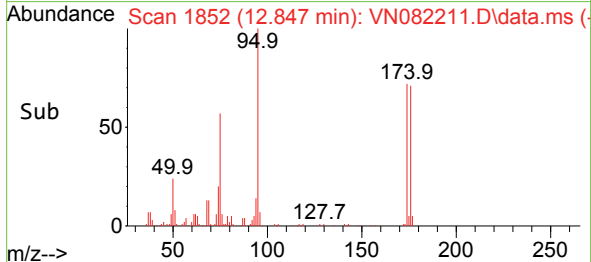
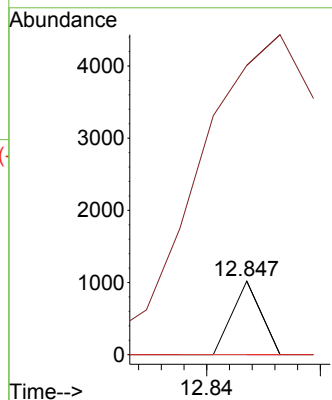
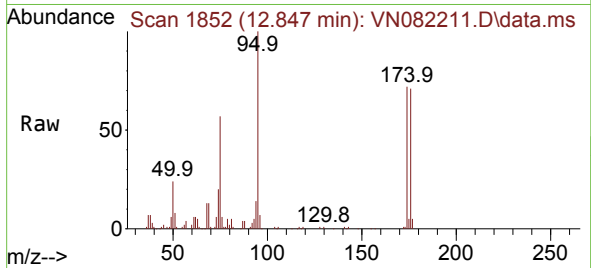




#71
Bromoform
Concen: 0.921 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

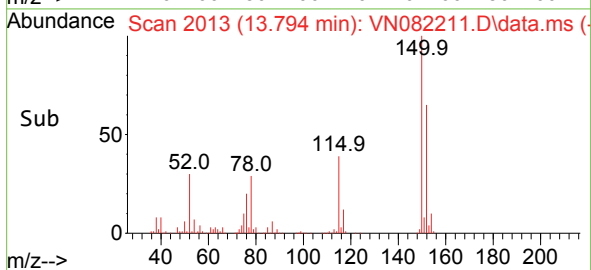
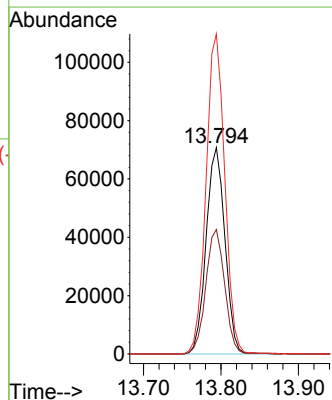
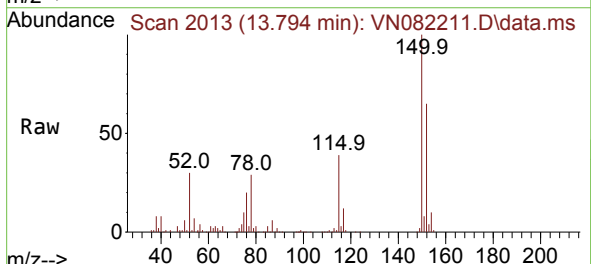
Instrument :
MSVOA_N
ClientSampleId :
510-B

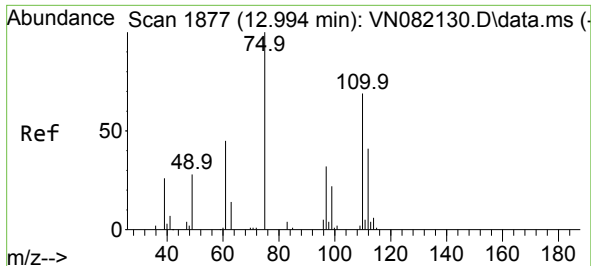
Tgt Ion:173 Resp: 360
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion:152 Resp: 119445
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 153.7 0.0 353.2

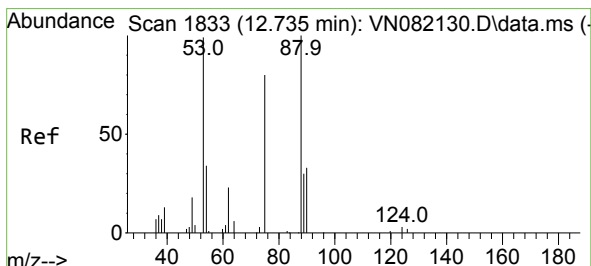
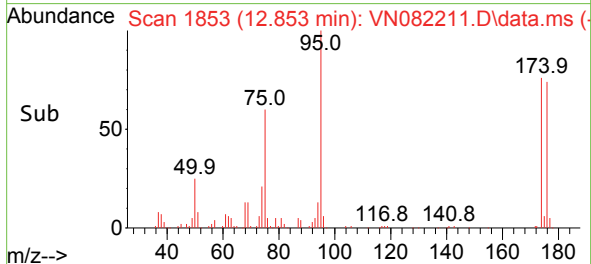
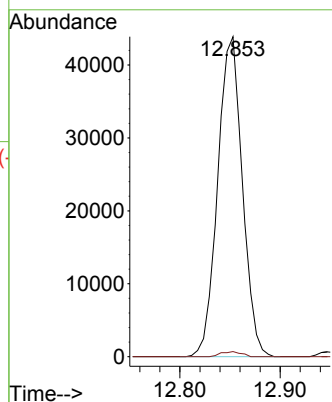
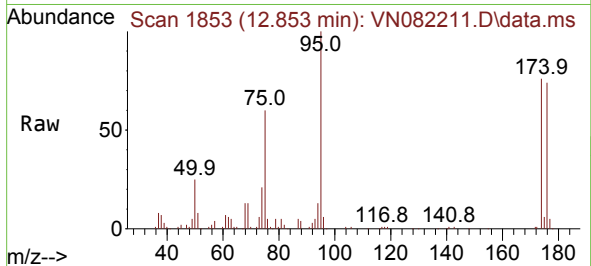




#76
1,2,3-Trichloropropane
Concen: 29.751 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
510-B

Tgt Ion: 75 Resp: 74794
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.585 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion: 75 Resp: 74794
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

