

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082355.D
 Acq On : 28 May 2024 18:32
 Operator : JC\MD
 Sample : P2609-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 414

Quant Time: May 29 06:56:59 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)

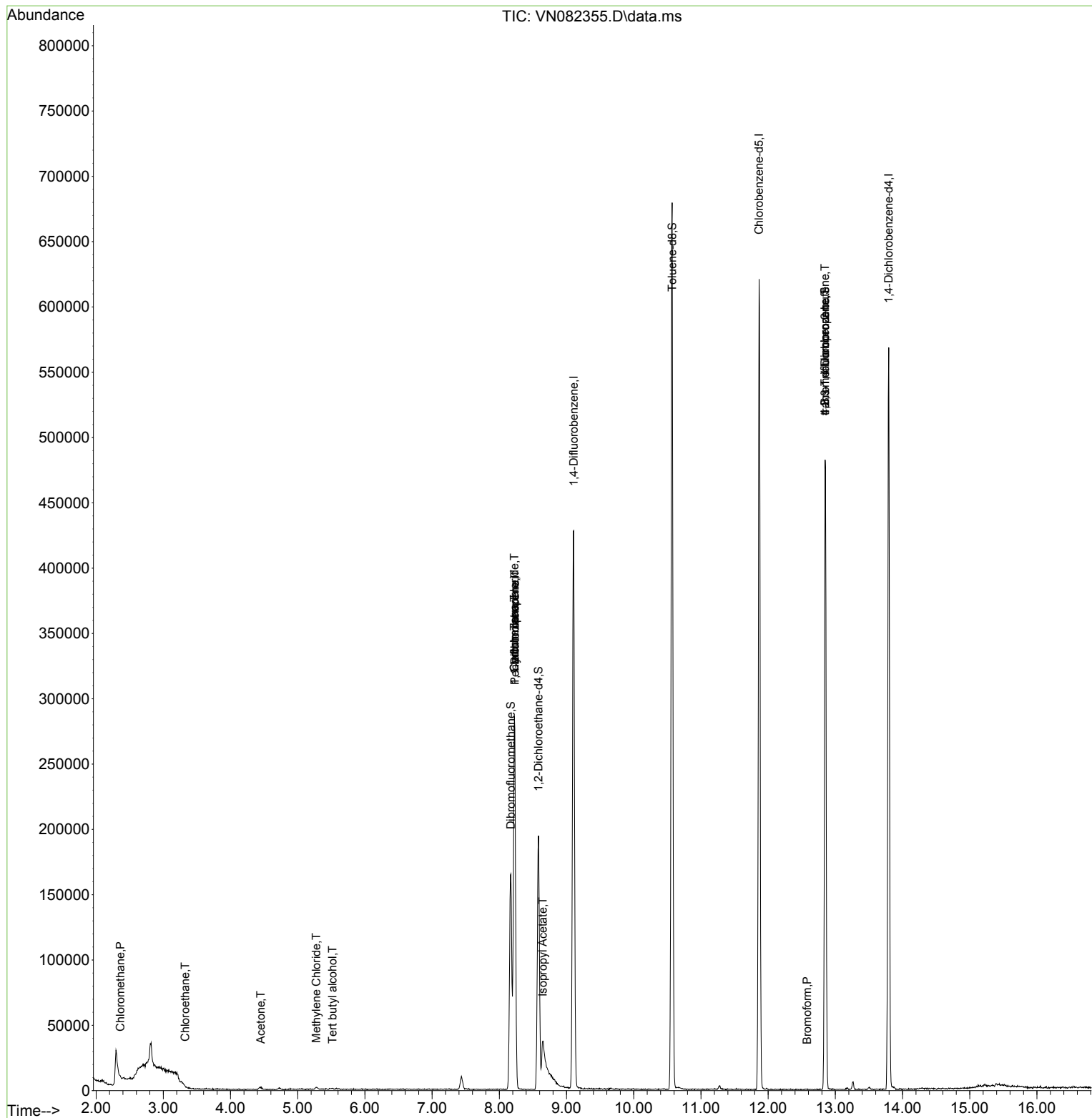
Internal Standards						
1) Pentafluorobenzene	8.230	168	201164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	160629	50.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.140%			
35) Dibromofluoromethane	8.171	113	115262	53.301	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	10.571	98	437074	52.718	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.847	95	153799	51.974	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.940%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	737	0.224	ug/l #	43
6) Chloroethane	3.324	64	928	0.460	ug/l #	44
11) Tert butyl alcohol	5.518	59	341	0.669	ug/l #	71
16) Acetone	4.448	43	3681	2.825	ug/l #	69
20) Methylene Chloride	5.277	84	930	0.354	ug/l #	63
31) Cyclohexane	8.224	56	5882	1.159	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	18024	4.970	ug/l #	48
38) Carbon Tetrachloride	8.224	117	22015	5.988	ug/l #	16
43) Isopropyl Acetate	8.647	43	64810	9.011	ug/l #	53
71) Bromoform	12.582	173	60	0.732	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	91479	30.632	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	91479	71.646	ug/l #	12

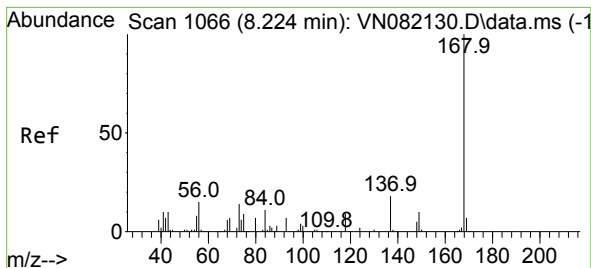
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082355.D

Acq: 28 May 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

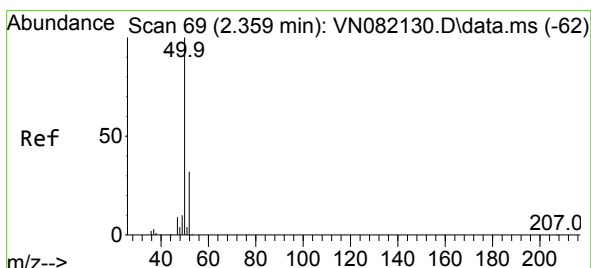
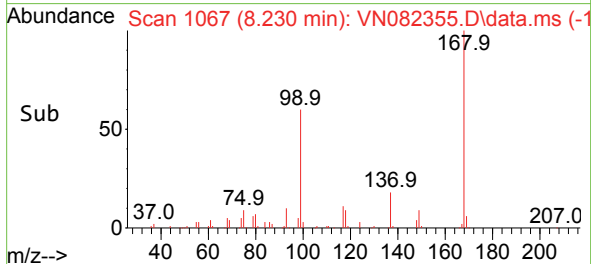
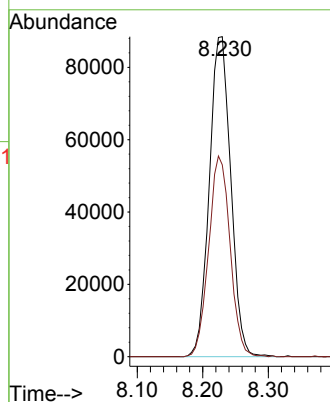
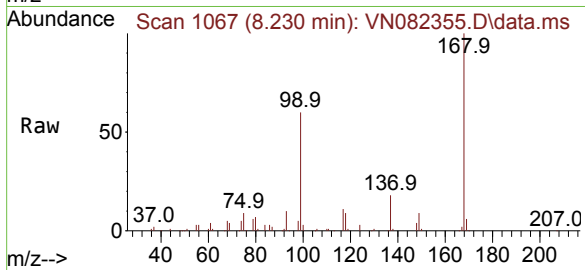
414

Tgt Ion:168 Resp: 201164

Ion Ratio Lower Upper

168 100

99 60.0 48.2 72.4



#3

Chloromethane

Concen: 0.224 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082355.D

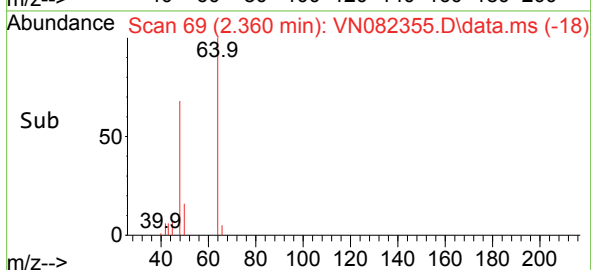
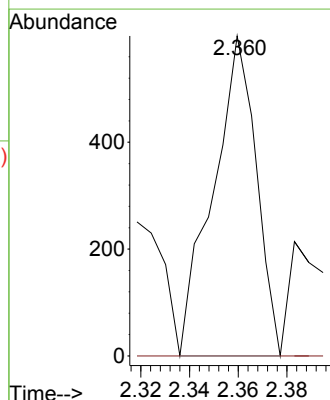
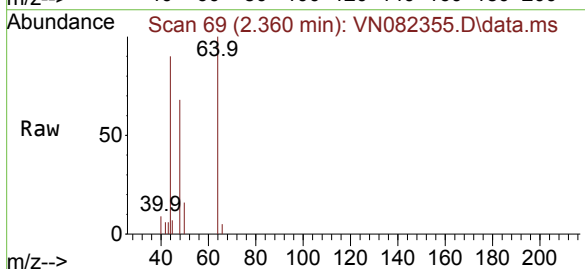
Acq: 28 May 2024 18:32

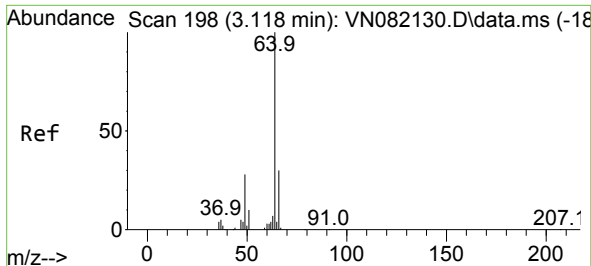
Tgt Ion: 50 Resp: 737

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

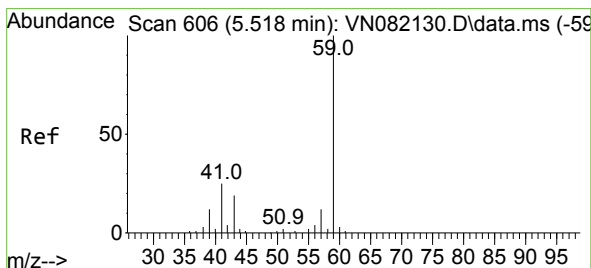
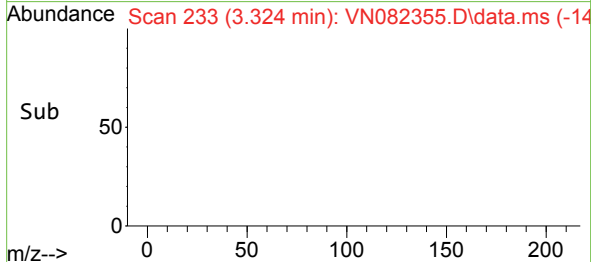
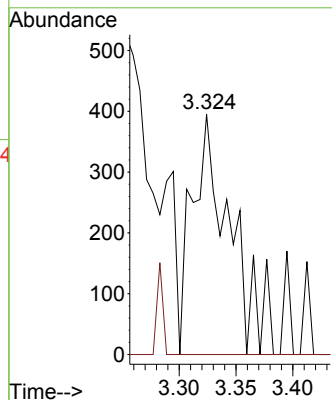
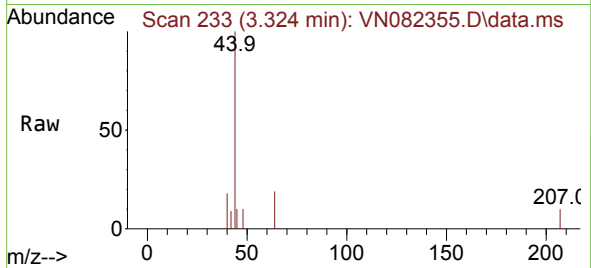




#6
Chloroethane
Concen: 0.460 ug/l
RT: 3.324 min Scan# 214
Delta R.T. 0.206 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

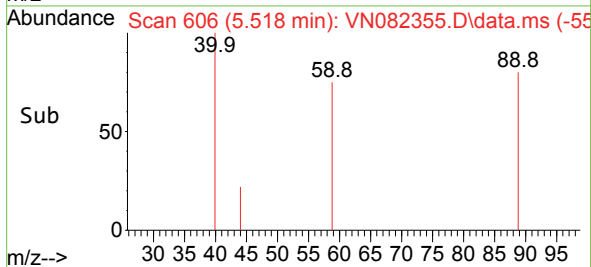
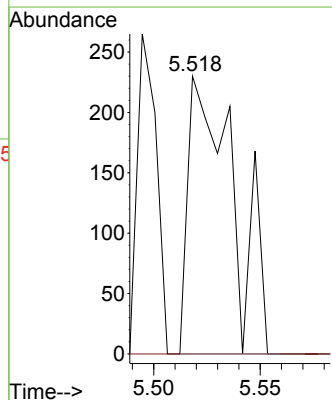
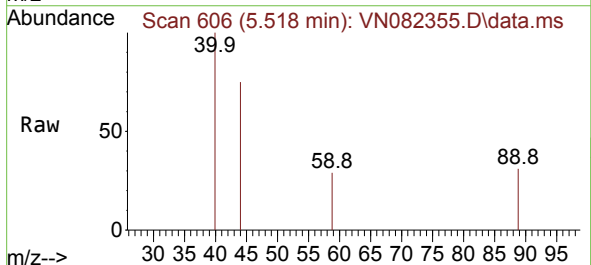
Instrument :
MSVOA_N
ClientSampleId :
414

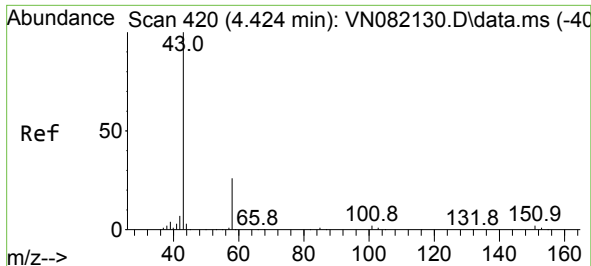
Tgt Ion: 64 Resp: 928
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.669 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

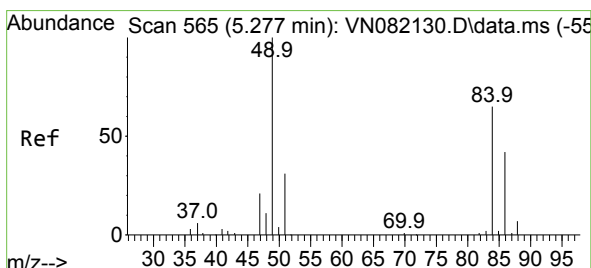
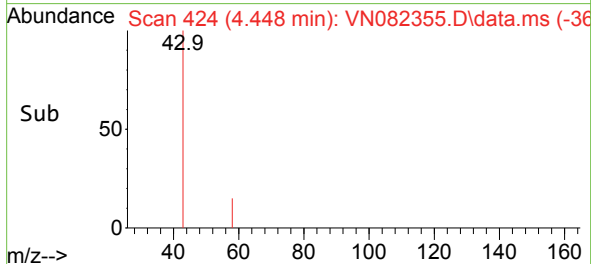
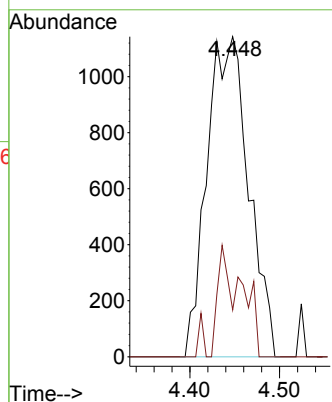
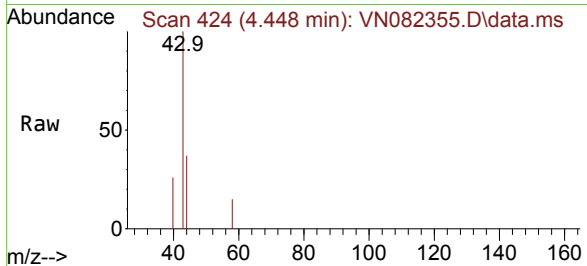




#16
Acetone
Concen: 2.825 ug/l
RT: 4.448 min Scan# 414
Delta R.T. 0.024 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

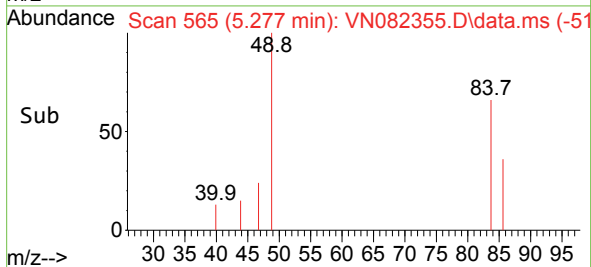
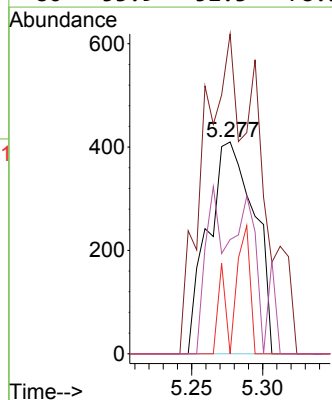
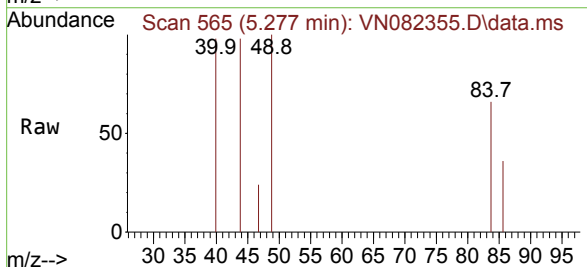
Instrument :
MSVOA_N
ClientSampleId :
414

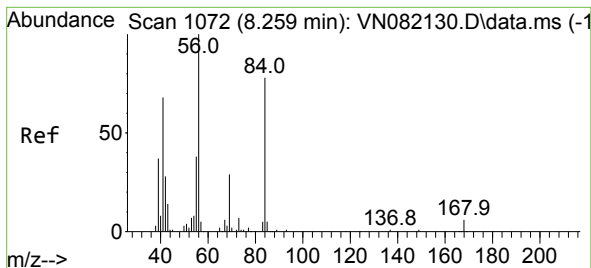
Tgt Ion: 43 Resp: 3681
Ion Ratio Lower Upper
43 100
58 14.6 25.2 37.8#



#20
Methylene Chloride
Concen: 0.354 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

Tgt Ion: 84 Resp: 930
Ion Ratio Lower Upper
84 100
49 151.0 84.9 127.3#
51 0.0 27.0 40.6#
86 53.9 52.3 78.5





#31

Cyclohexane

Concen: 1.159 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082355.D

Acq: 28 May 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

414

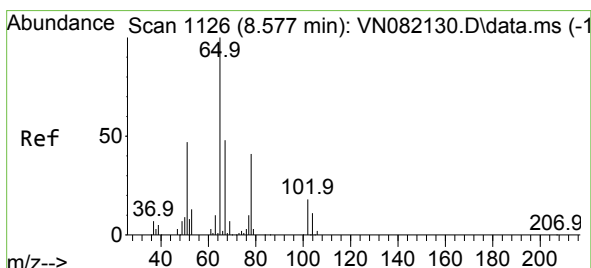
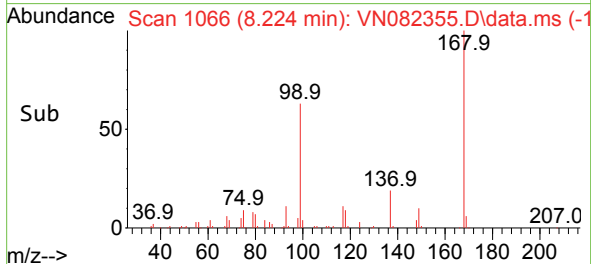
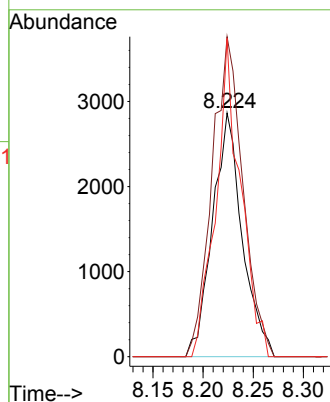
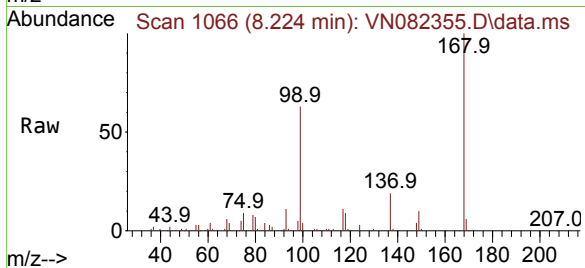
Tgt Ion: 56 Resp: 5882

Ion Ratio Lower Upper

56 100

69 131.3 24.4 36.6#

84 130.6 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 50.569 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082355.D

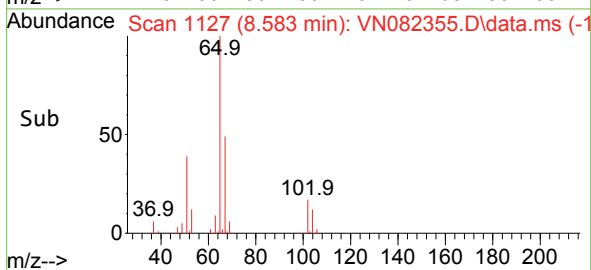
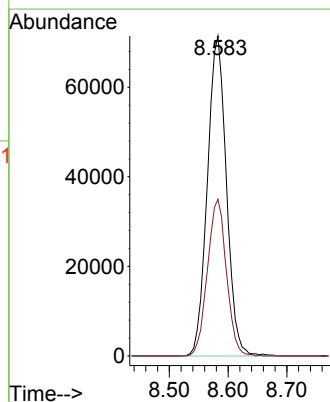
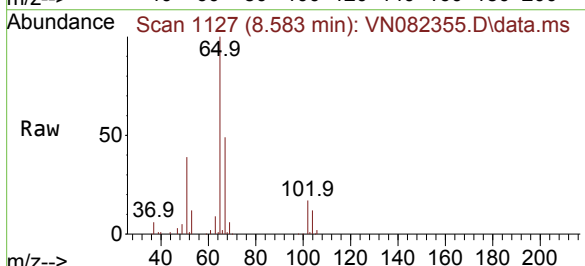
Acq: 28 May 2024 18:32

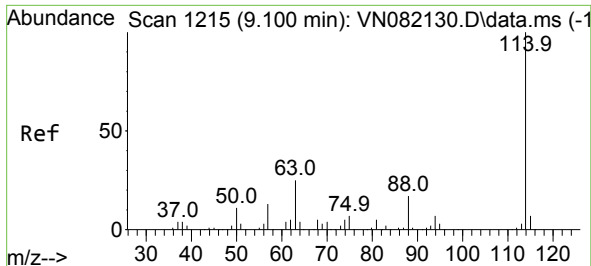
Tgt Ion: 65 Resp: 160629

Ion Ratio Lower Upper

65 100

67 48.8 0.0 103.0

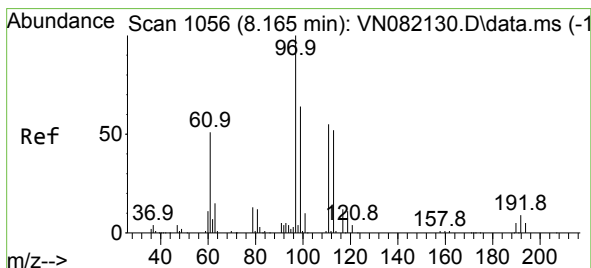
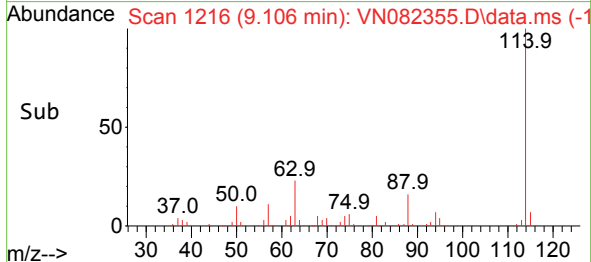
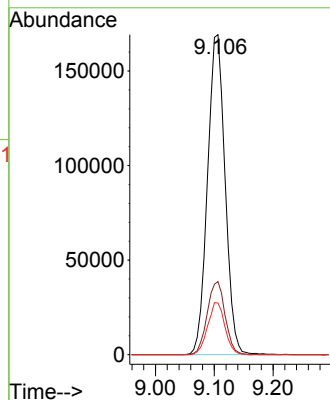
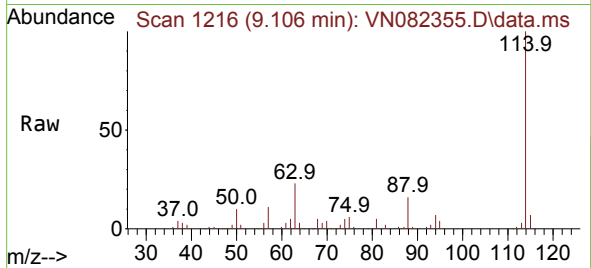




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

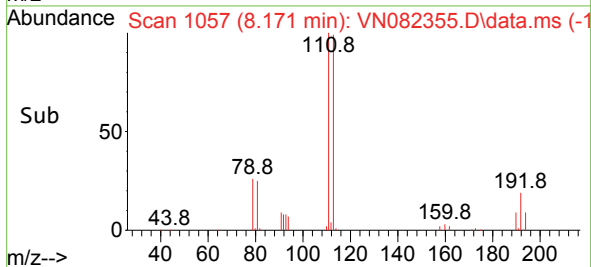
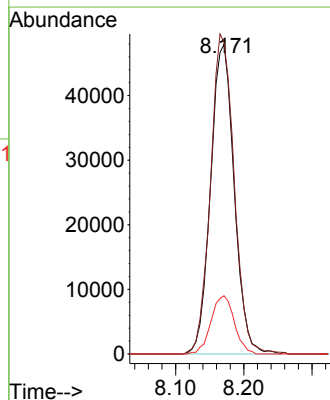
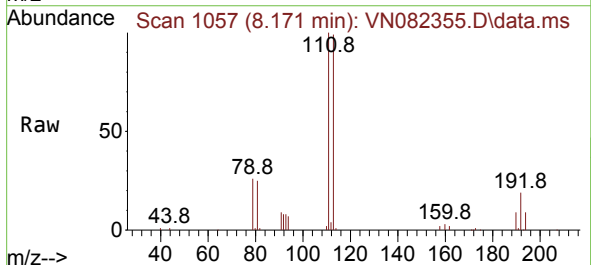
Instrument :
MSVOA_N
ClientSampleId :
414

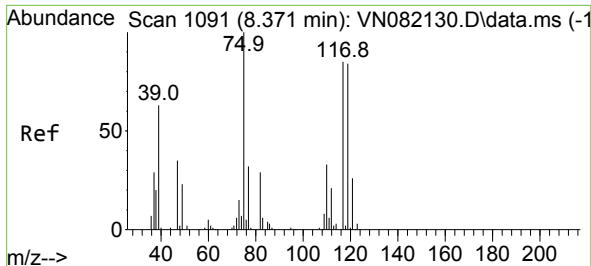
Tgt Ion:114 Resp: 351532
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.0
88 16.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.301 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

Tgt Ion:113 Resp: 115262
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 18.6 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082355.D

Acq: 28 May 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

414

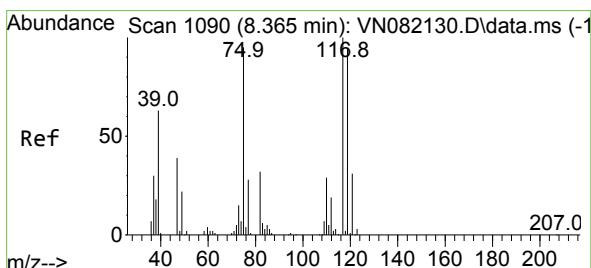
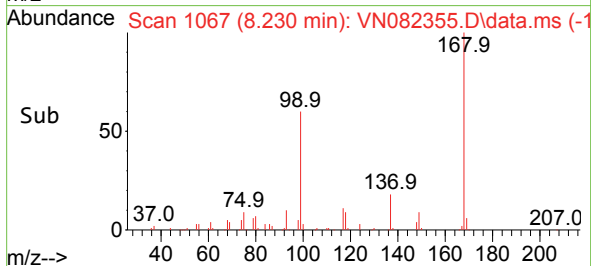
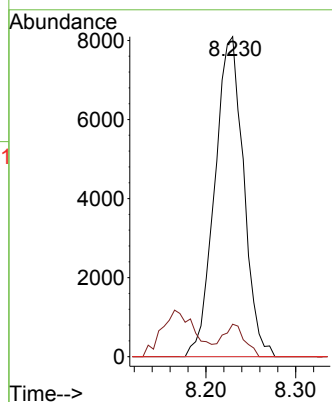
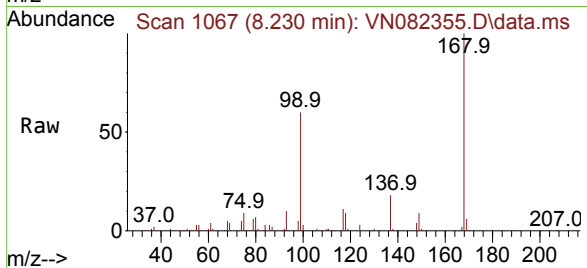
Tgt Ion: 75 Resp: 18024

Ion Ratio Lower Upper

75 100

110 7.9 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.988 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082355.D

Acq: 28 May 2024 18:32

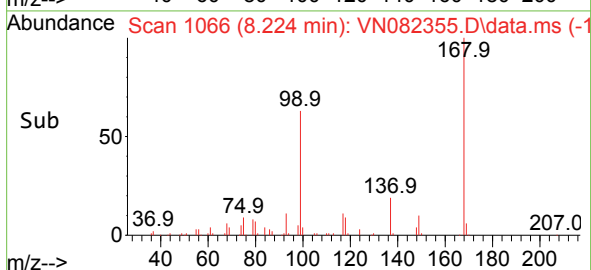
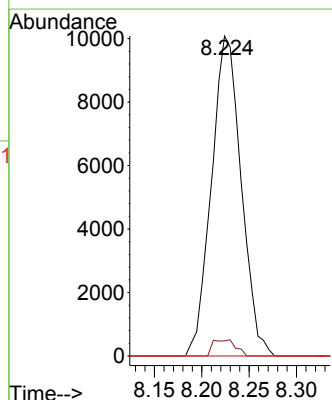
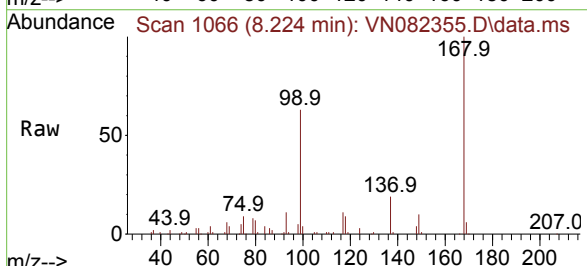
Tgt Ion: 117 Resp: 22015

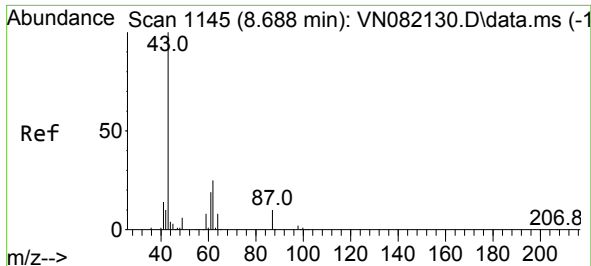
Ion Ratio Lower Upper

117 100

119 4.7 76.5 114.7#

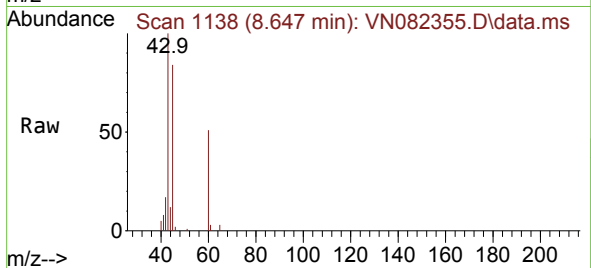
121 0.0 23.9 35.9#



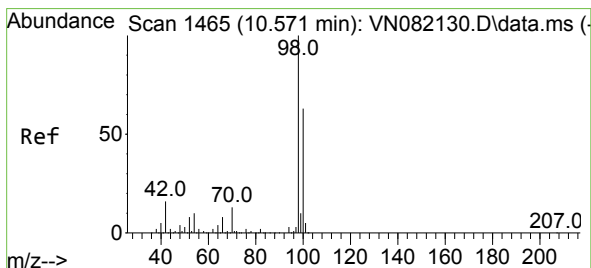
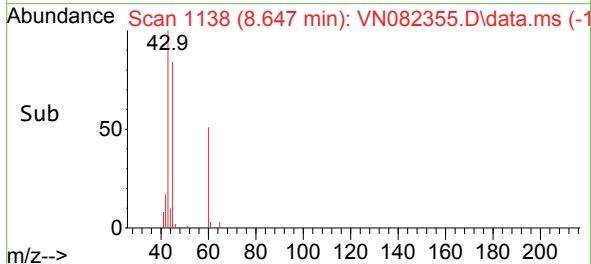
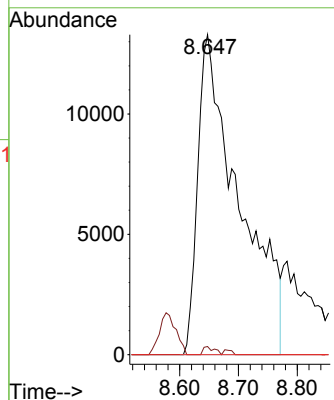


#43
Isopropyl Acetate
Concen: 9.011 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.041 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
414

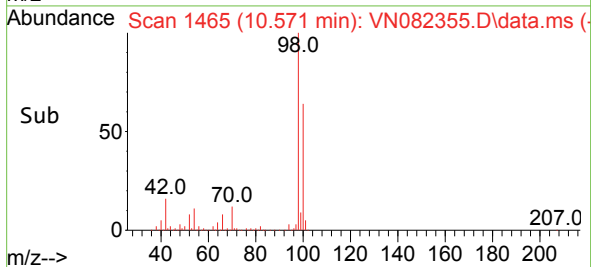
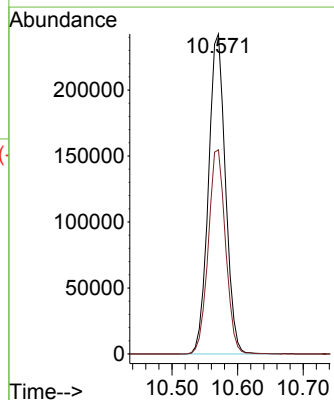
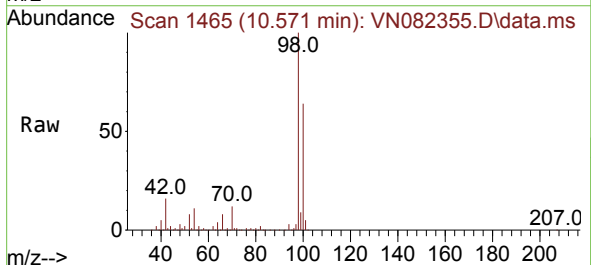


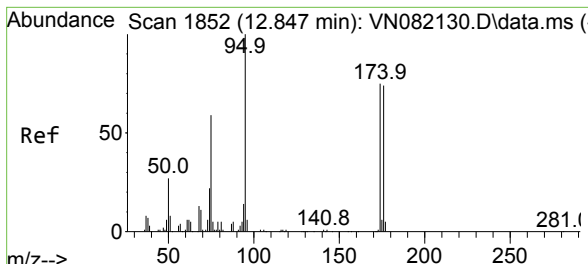
Tgt Ion: 43 Resp: 64810
Ion Ratio Lower Upper
43 100
61 0.7 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.718 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

Tgt Ion: 98 Resp: 437074
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

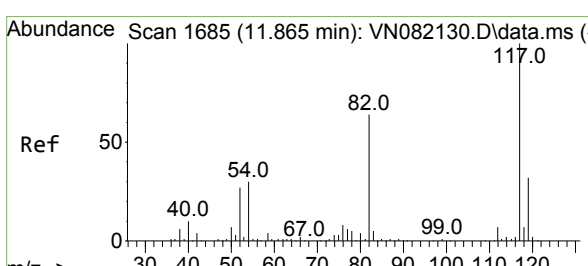
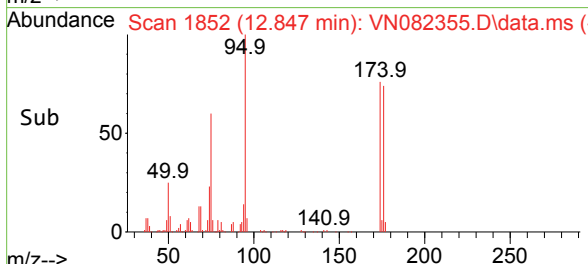
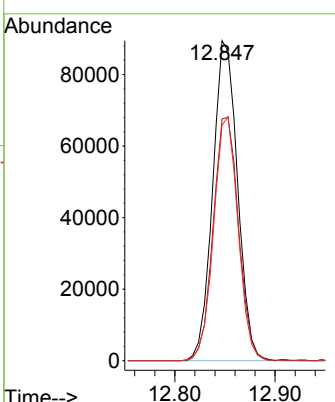
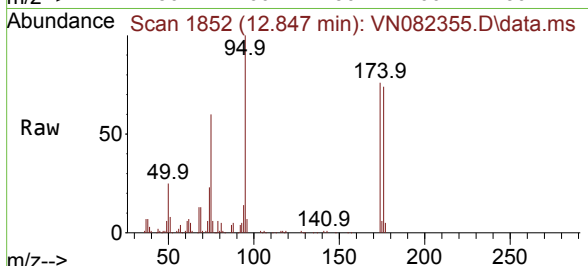




#62
 4-Bromofluorobenzene
 Concen: 51.974 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN082355.D
 Acq: 28 May 2024 18:32

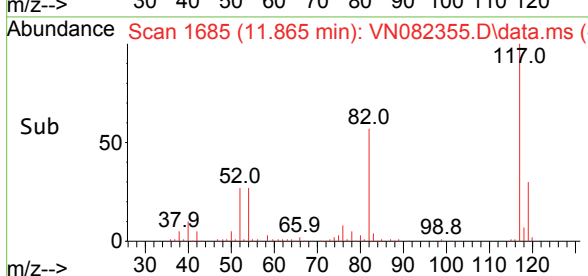
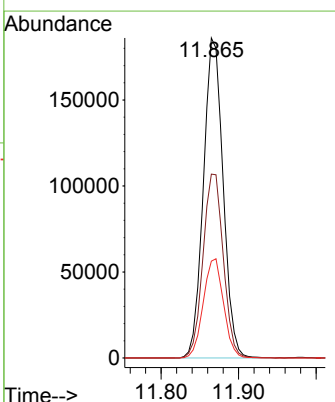
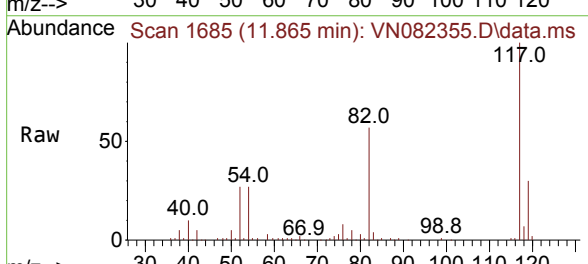
Instrument :
 MSVOA_N
 ClientSampleId :
 414

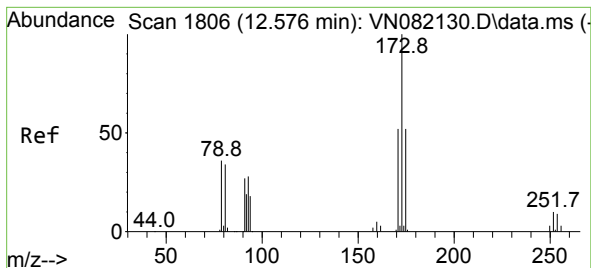
Tgt Ion:	95	Resp:	153799
Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	160.6
176	74.6	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN082355.D
 Acq: 28 May 2024 18:32

Tgt Ion:	117	Resp:	328840
Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	30.3	25.9	38.9





#71

Bromoform

Concen: 0.732 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082355.D

Acq: 28 May 2024 18:32

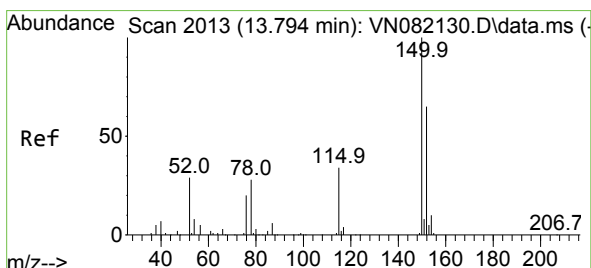
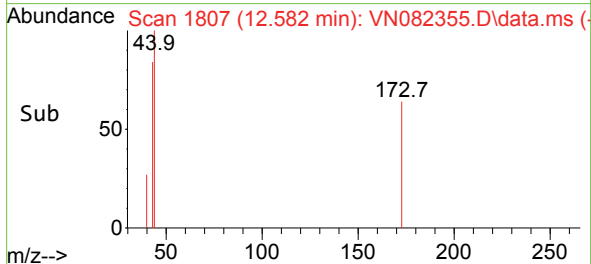
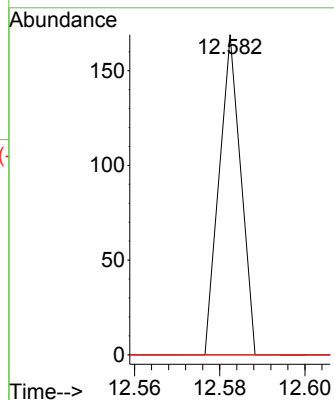
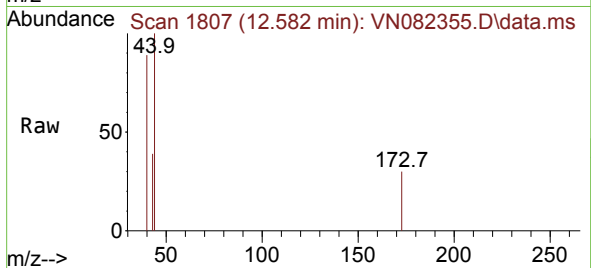
Instrument :

MSVOA_N

ClientSampleId :

414

Tgt Ion:173	Resp:	60
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

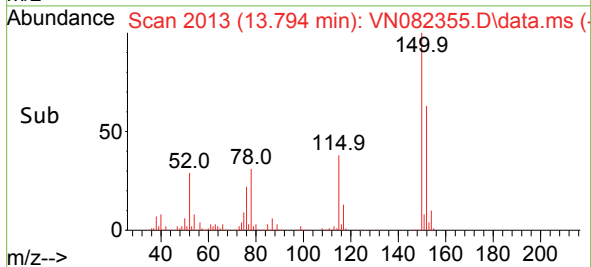
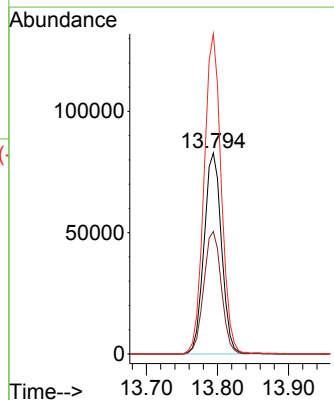
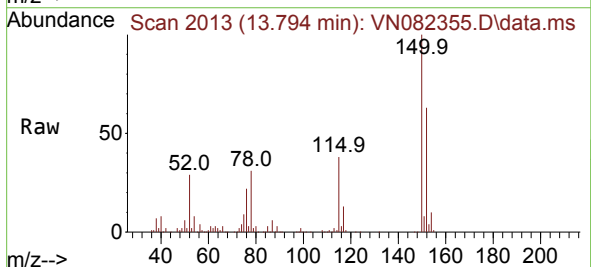
RT: 13.794 min Scan# 2013

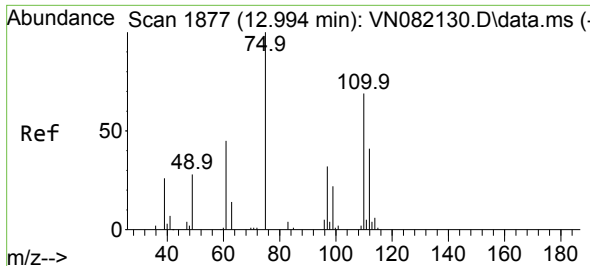
Delta R.T. 0.000 min

Lab File: VN082355.D

Acq: 28 May 2024 18:32

Tgt Ion:152	Resp:	141889
Ion Ratio	Lower	Upper
152	100	
115	61.5	30.4 91.3
150	157.0	0.0 353.2

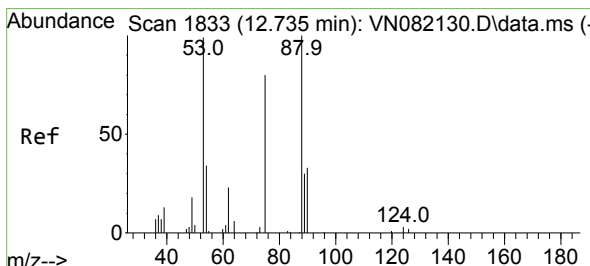
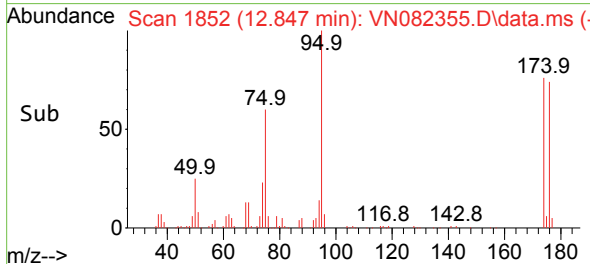
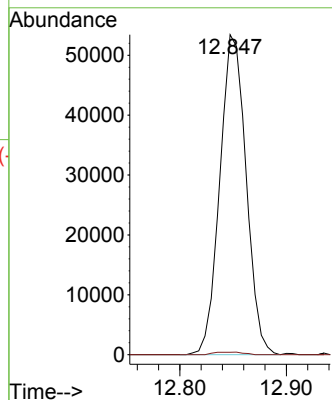
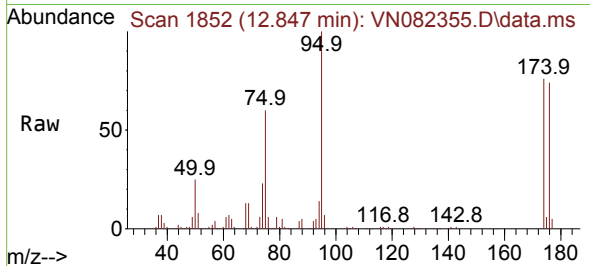




#76
1,2,3-Trichloropropane
Concen: 30.632 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
414

Tgt Ion: 75 Resp: 91479
Ion Ratio Lower Upper
75 100
77 0.9 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.646 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082355.D
Acq: 28 May 2024 18:32

Tgt Ion: 75 Resp: 91479
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

