

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082344.D
 Acq On : 28 May 2024 14:05
 Operator : JC\MD
 Sample : P2562-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 29 06:49:59 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)

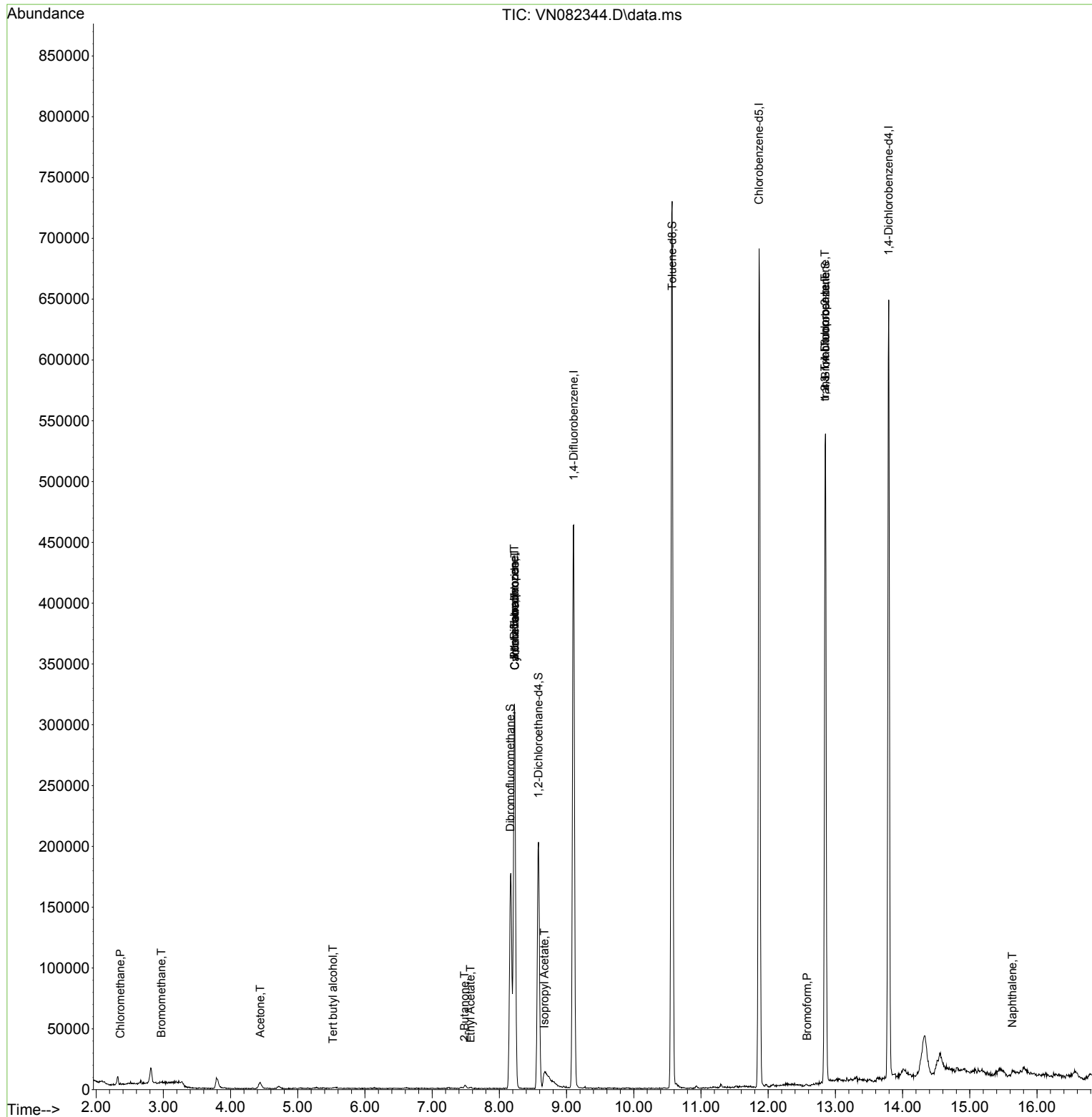
Internal Standards						
1) Pentafluorobenzene	8.224	168	221171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	386826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	366210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	170026	48.685	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.380%		
35) Dibromofluoromethane	8.165	113	123512	51.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.820%		
50) Toluene-d8	10.570	98	485837	53.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.500%		
62) 4-Bromofluorobenzene	12.853	95	175884	54.014	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	108.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1249	0.346	ug/l #	82
5) Bromomethane	2.971	94	1165	0.597	ug/l #	78
11) Tert butyl alcohol	5.524	59	411	0.733	ug/l #	71
16) Acetone	4.441	43	10183	7.108	ug/l	94
25) 2-Butanone	7.482	43	4287	1.974	ug/l #	76
31) Cyclohexane	8.229	56	6239	1.119	ug/l #	57
36) 1,1-Dichloropropene	8.224	75	19493	4.884	ug/l #	49
37) Ethyl Acetate	7.571	43	2172	0.486	ug/l #	71
38) Carbon Tetrachloride	8.229	117	24684	6.101	ug/l #	16
43) Isopropyl Acetate	8.671	43	9578	1.210	ug/l #	52
71) Bromoform	12.582	173	140	0.766	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	103729	30.794	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	103729	72.027	ug/l #	13
95) Naphthalene	15.635	128	2945	0.323	ug/l	97

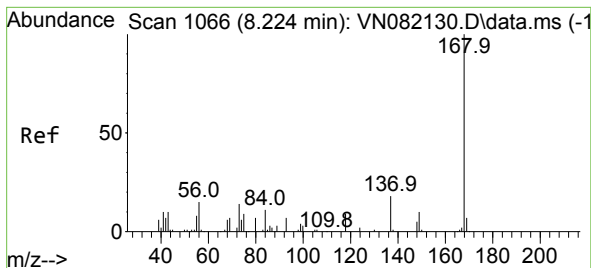
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN082344.D

Acq: 28 May 2024 14:05

Instrument :

MSVOA_N

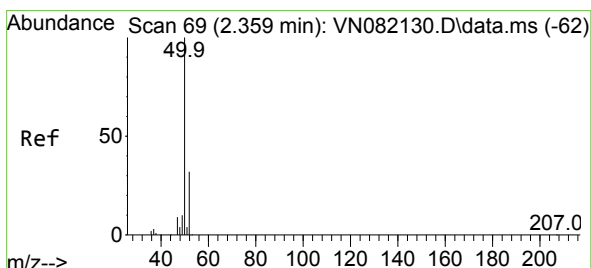
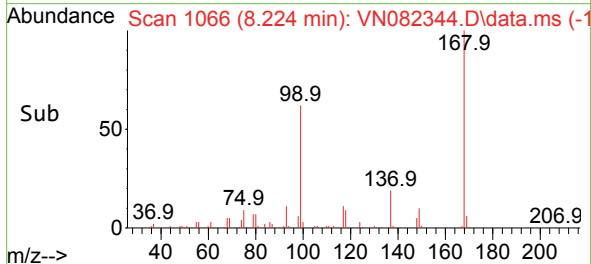
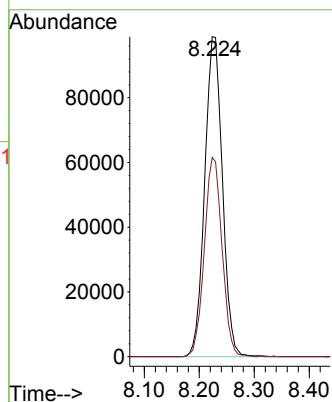
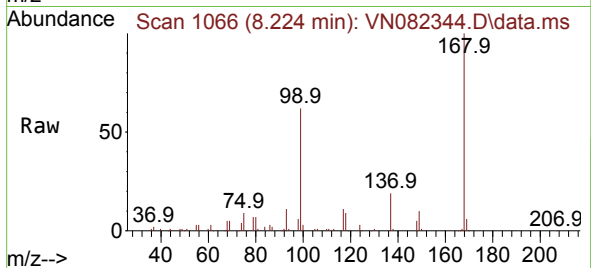
ClientSampleId :

Tgt Ion:168 Resp: 221171

Ion Ratio Lower Upper

168 100

99 62.2 48.2 72.4



#3

Chloromethane

Concen: 0.346 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082344.D

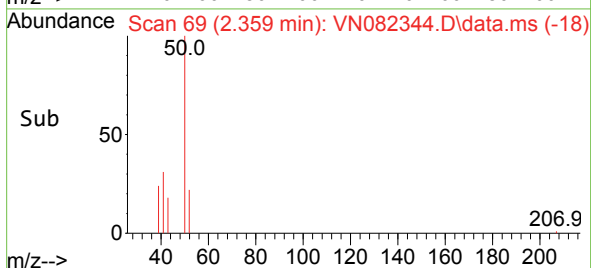
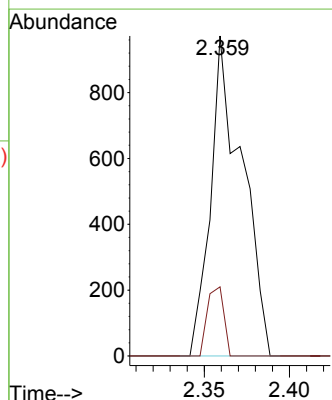
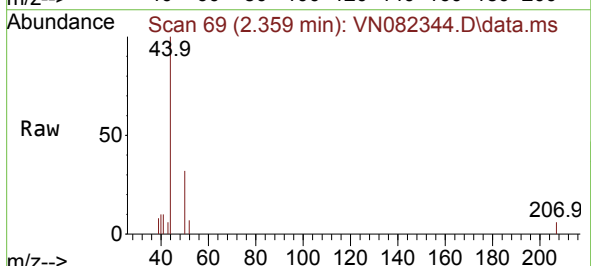
Acq: 28 May 2024 14:05

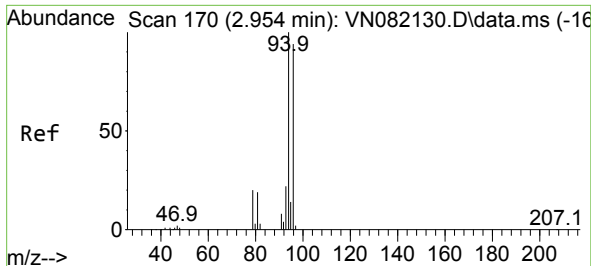
Tgt Ion: 50 Resp: 1249

Ion Ratio Lower Upper

50 100

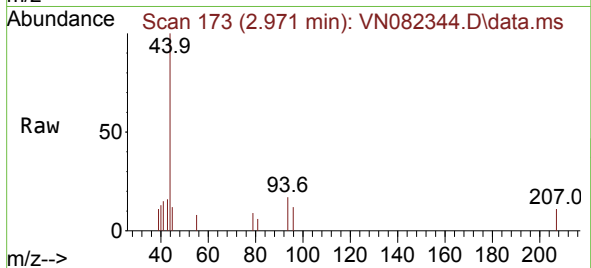
52 21.6 25.5 38.3#



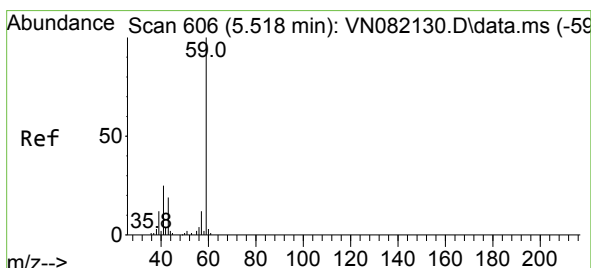
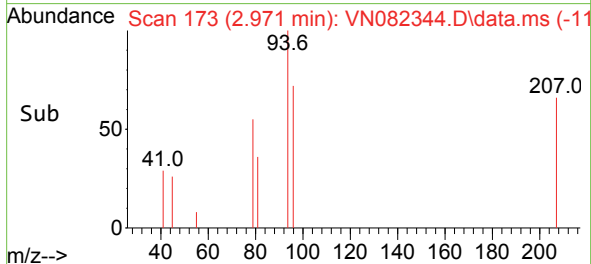
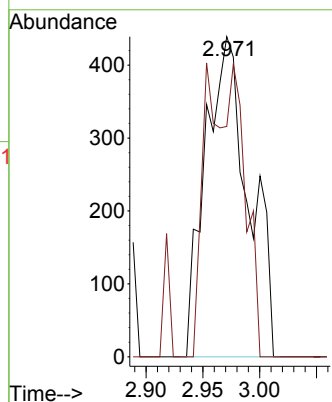


#5
Bromomethane
Concen: 0.597 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :

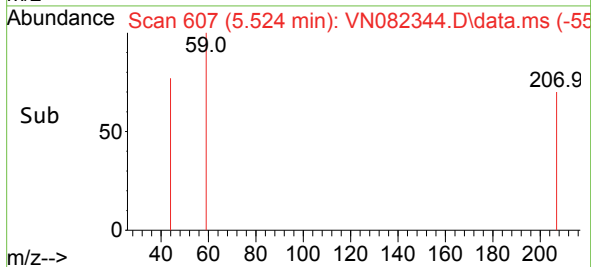
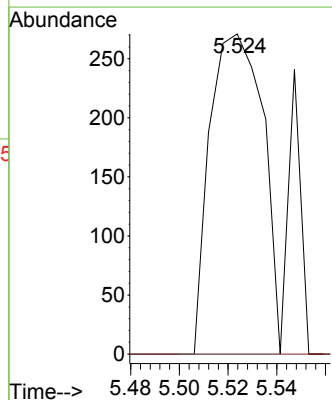
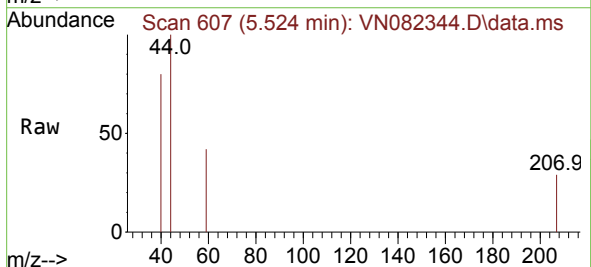


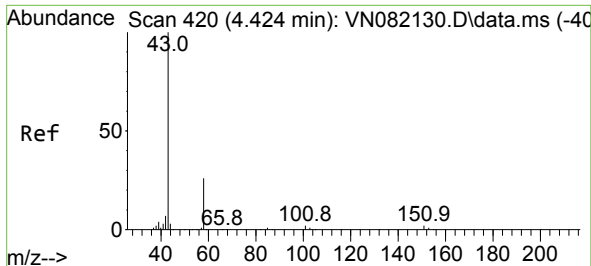
Tgt Ion: 94 Resp: 1165
Ion Ratio Lower Upper
94 100
96 72.0 74.8 112.2#



#11
Tert butyl alcohol
Concen: 0.733 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

Tgt Ion: 59 Resp: 411
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

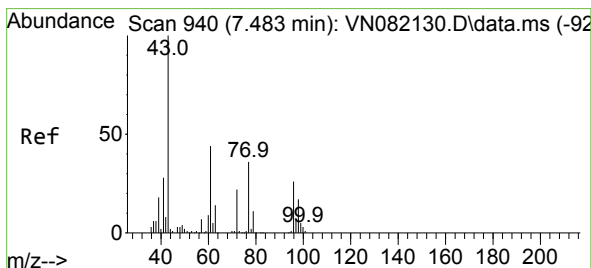
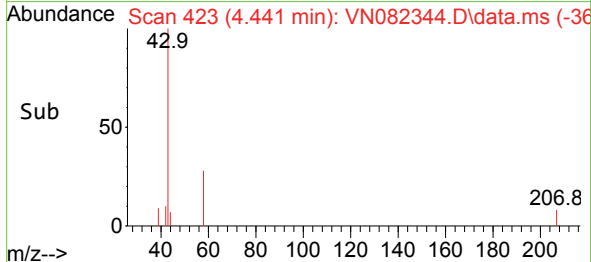
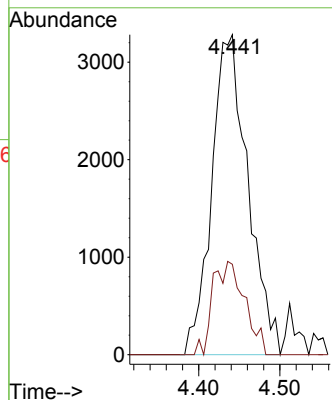
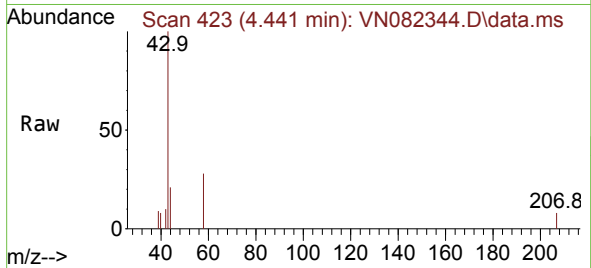




#16
Acetone
Concen: 7.108 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

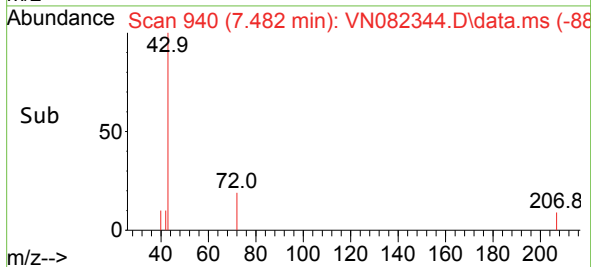
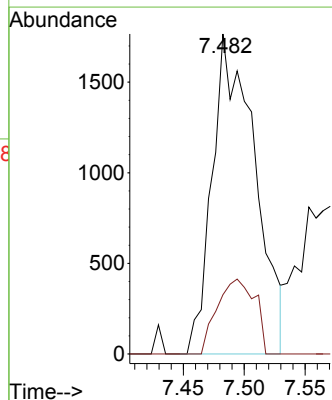
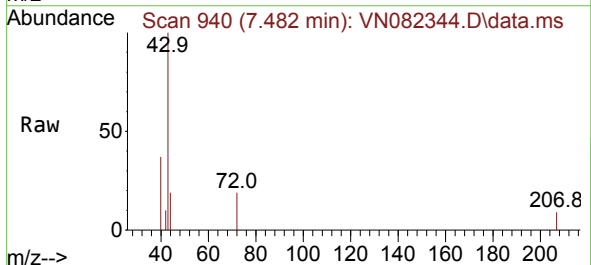
Instrument :
MSVOA_N
ClientSampleId :

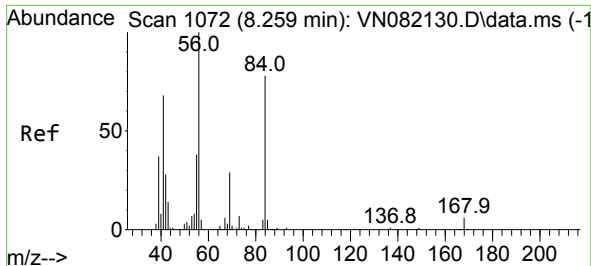
Tgt Ion: 43 Resp: 10183
Ion Ratio Lower Upper
43 100
58 28.2 25.2 37.8



#25
2-Butanone
Concen: 1.974 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

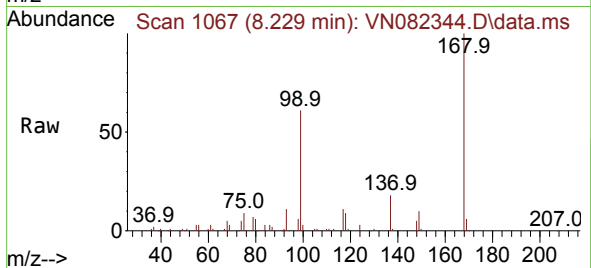
Tgt Ion: 43 Resp: 4287
Ion Ratio Lower Upper
43 100
72 18.5 25.3 37.9#



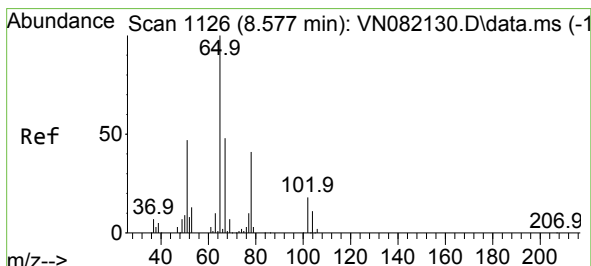
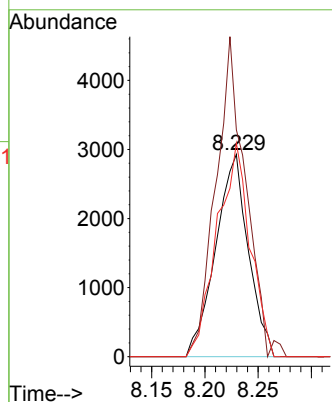
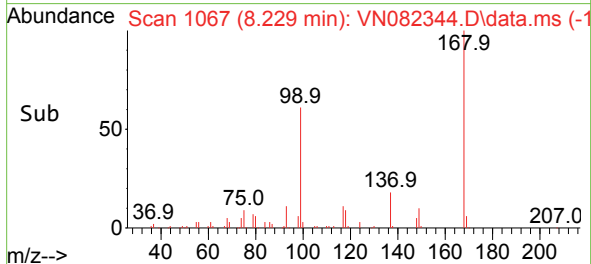


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 8.229 min Scan# 1072
Delta R.T. -0.030 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :

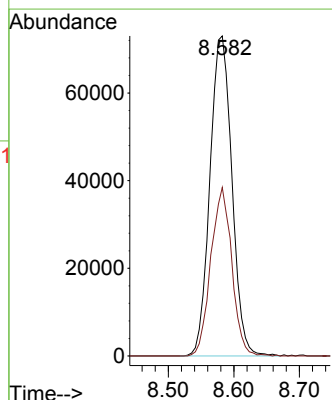
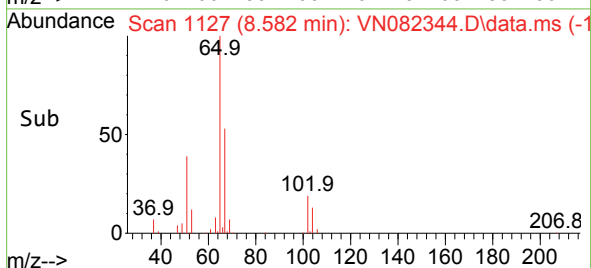
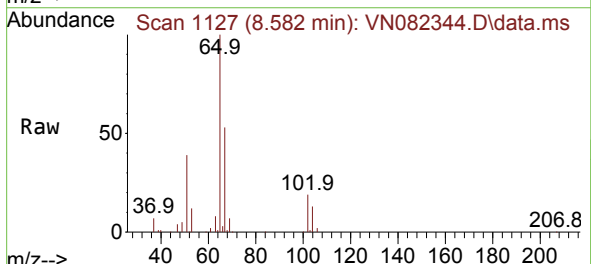


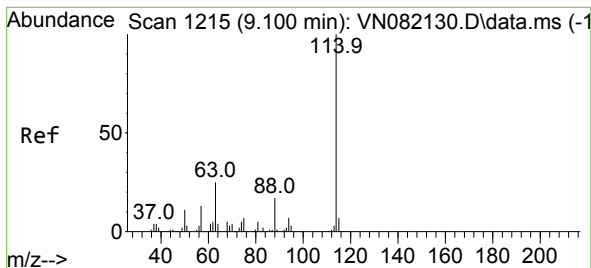
Tgt Ion: 56 Resp: 6239
Ion Ratio Lower Upper
56 100
69 112.2 24.4 36.6#
84 105.6 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 48.685 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

Tgt Ion: 65 Resp: 170026
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082344.D

Acq: 28 May 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

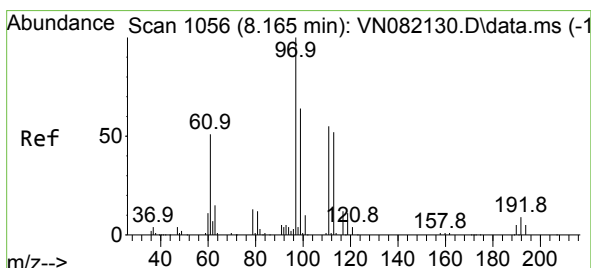
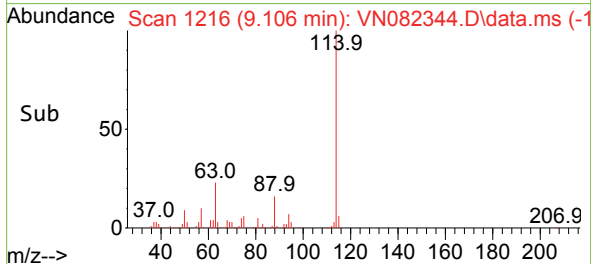
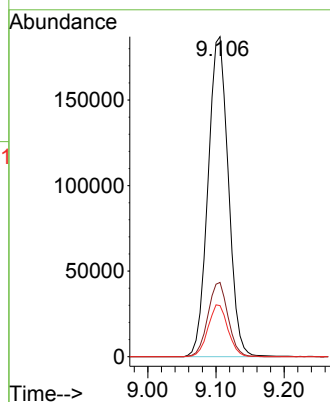
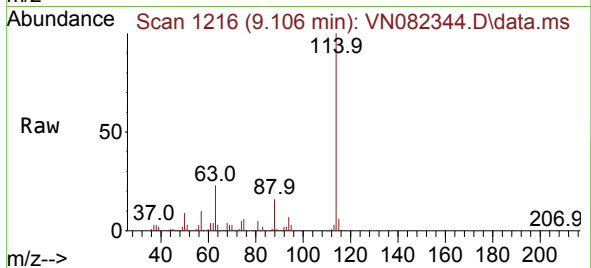
Tgt Ion:114 Resp: 386826

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.905 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082344.D

Acq: 28 May 2024 14:05

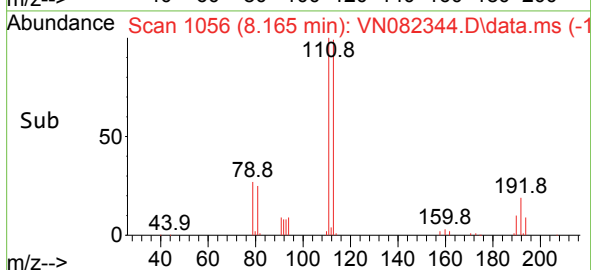
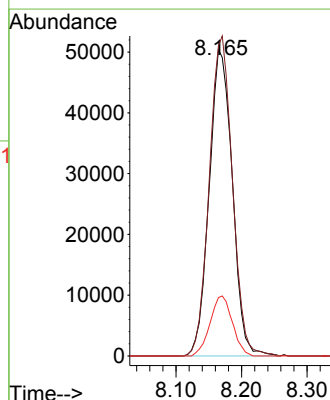
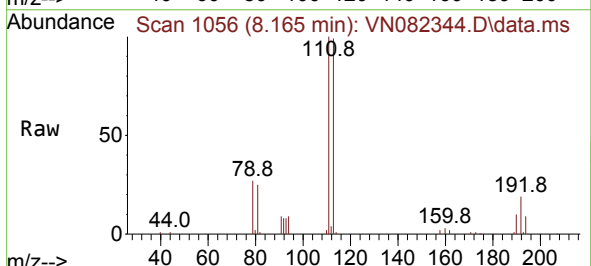
Tgt Ion:113 Resp: 123512

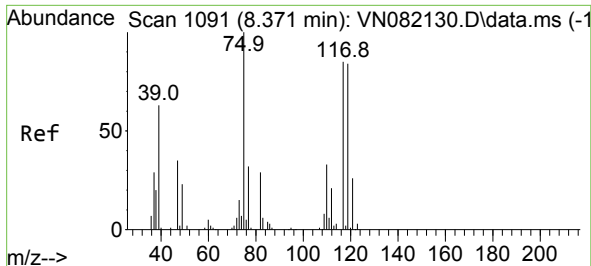
Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

192 18.9 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.147 min

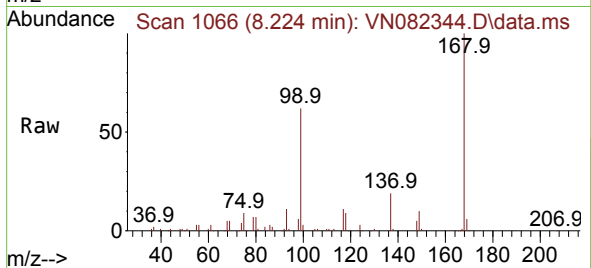
Lab File: VN082344.D

Acq: 28 May 2024 14:05

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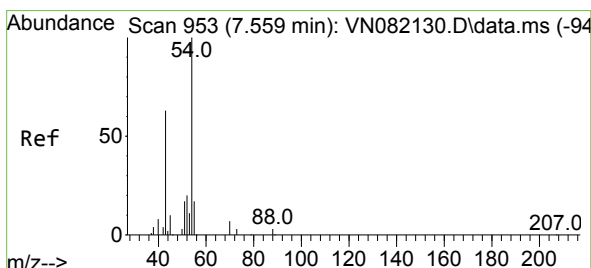
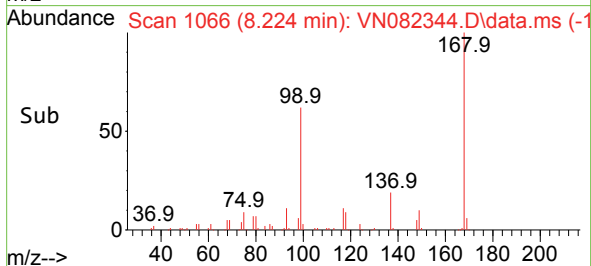
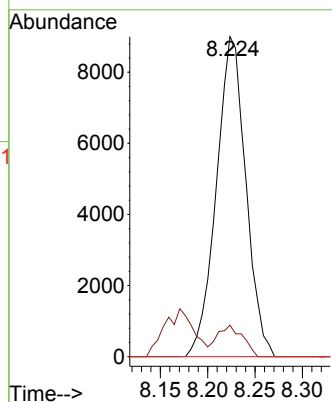
Tgt Ion: 75 Resp: 19493

Ion Ratio Lower Upper

75 100

110 8.5 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.486 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.012 min

Lab File: VN082344.D

Acq: 28 May 2024 14:05

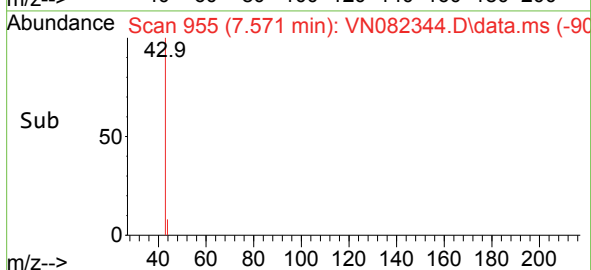
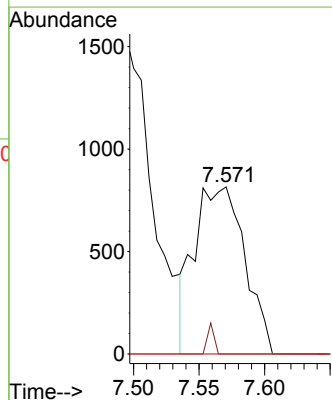
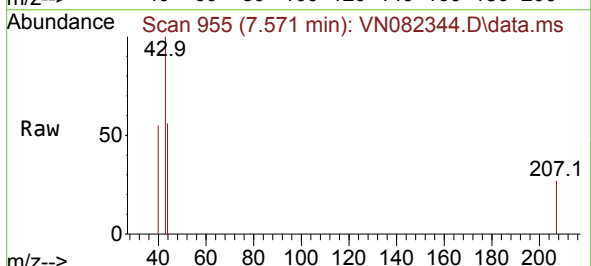
Tgt Ion: 43 Resp: 2172

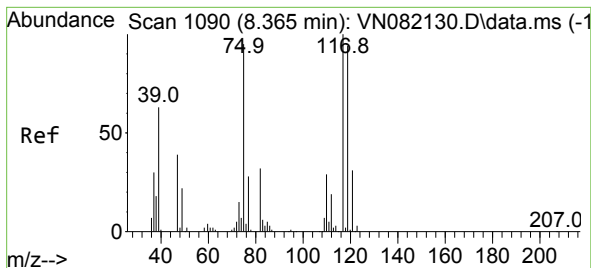
Ion Ratio Lower Upper

43 100

61 2.4 11.3 16.9#

70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 6.101 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.135 min

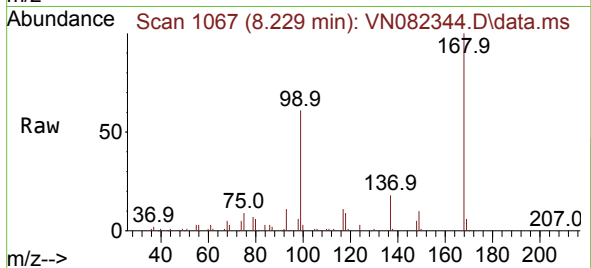
Lab File: VN082344.D

Acq: 28 May 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :



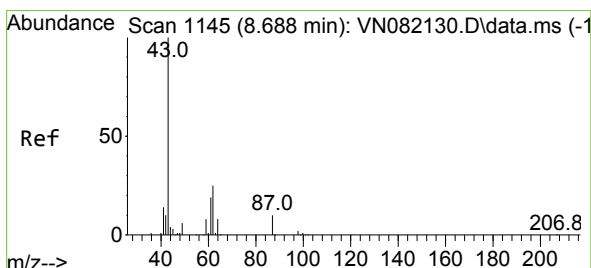
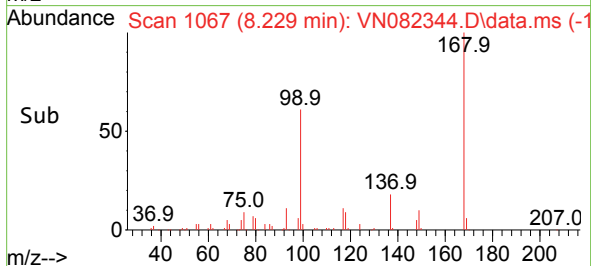
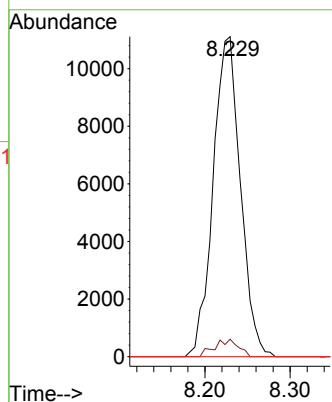
Tgt Ion:117 Resp: 24684

Ion Ratio Lower Upper

117 100

119 5.4 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.210 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.018 min

Lab File: VN082344.D

Acq: 28 May 2024 14:05

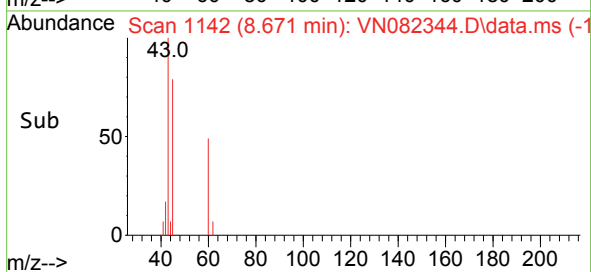
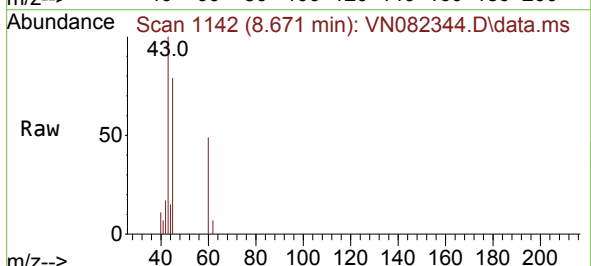
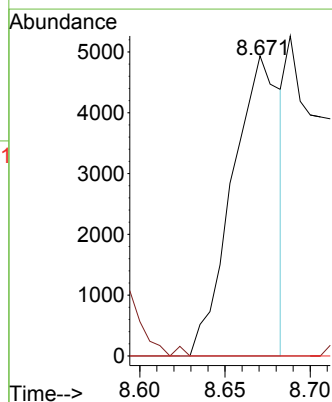
Tgt Ion: 43 Resp: 9578

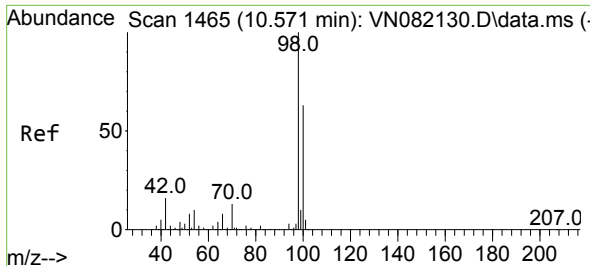
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

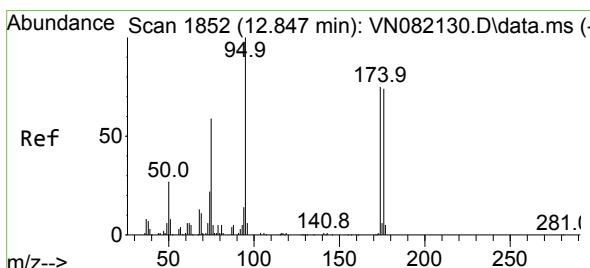
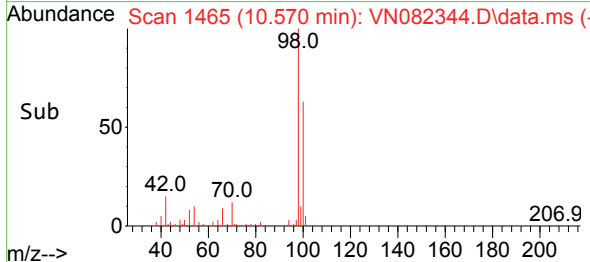
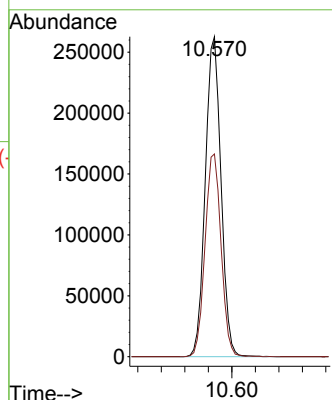
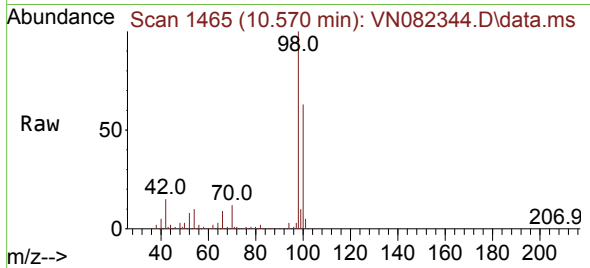




#50
Toluene-d8
Concen: 53.253 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

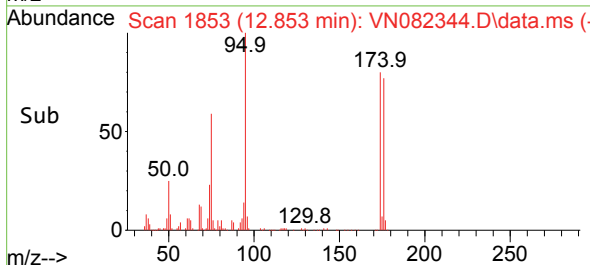
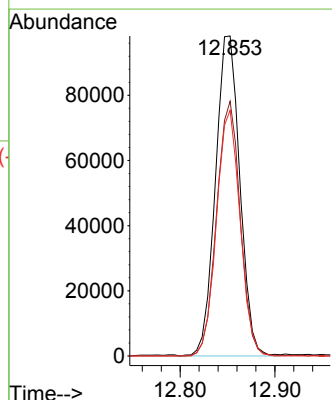
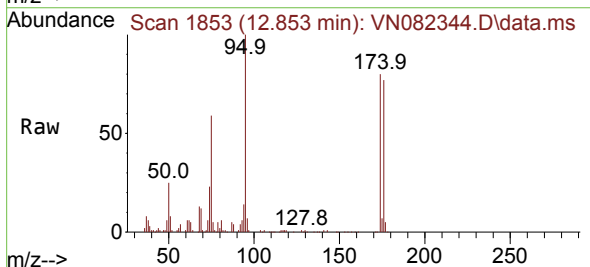
Instrument :
MSVOA_N
ClientSampleId :

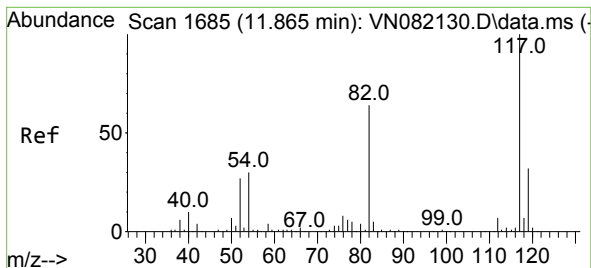
Tgt Ion: 98 Resp: 485837
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.014 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

Tgt Ion: 95 Resp: 175884
Ion Ratio Lower Upper
95 100
174 77.0 0.0 160.6
176 73.9 0.0 152.8

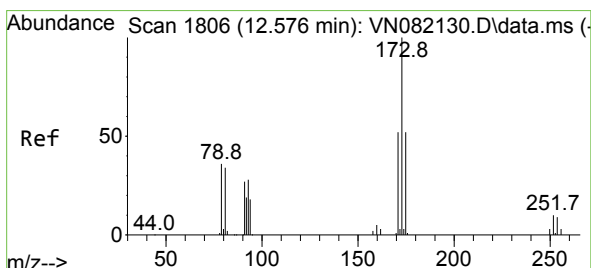
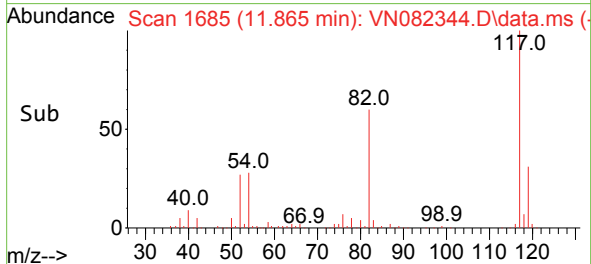
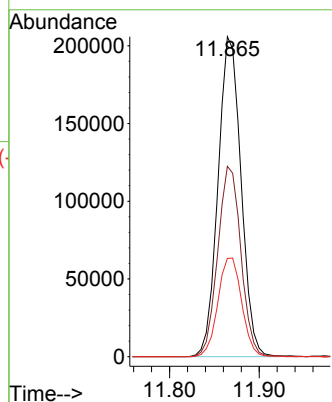
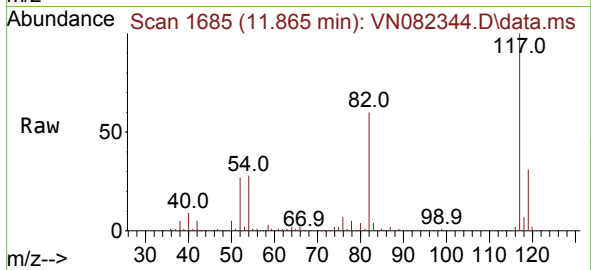




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

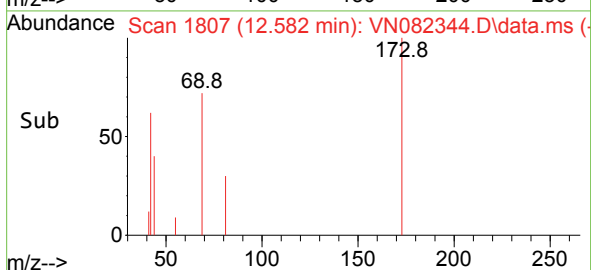
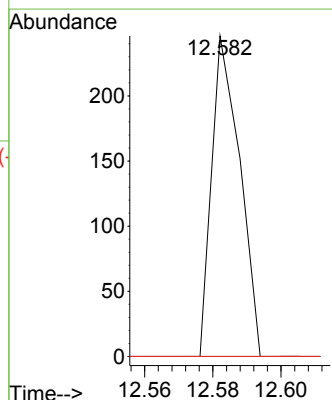
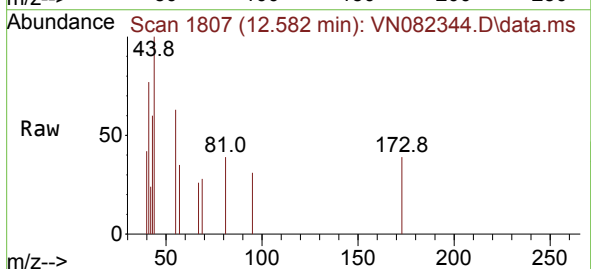
Instrument :
MSVOA_N
ClientSampleId :

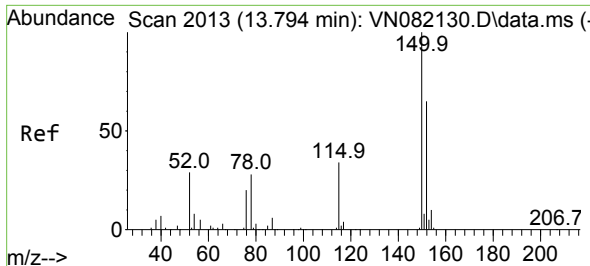
Tgt Ion:117 Resp: 366210
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 30.7 25.9 38.9



#71
Bromoform
Concen: 0.766 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

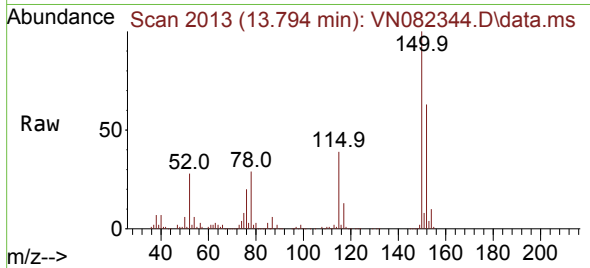
Tgt Ion:173 Resp: 140
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



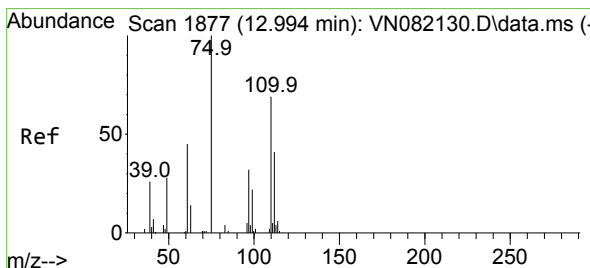
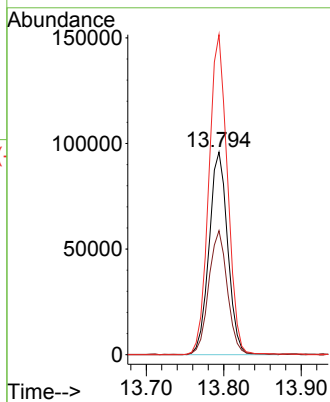
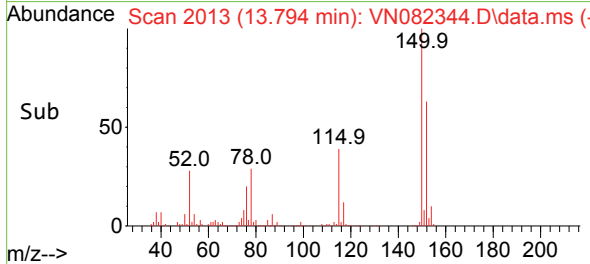


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082344.D
 Acq: 28 May 2024 14:05

Instrument :
 MSVOA_N
 ClientSampleId :

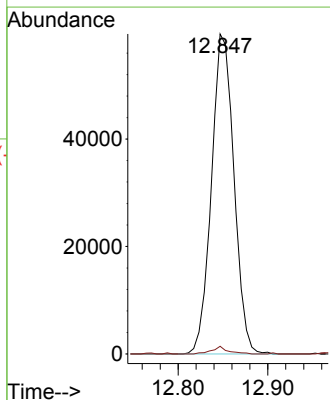
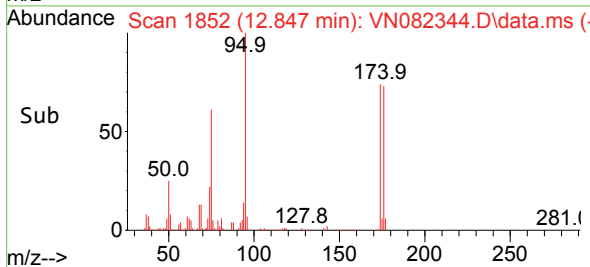
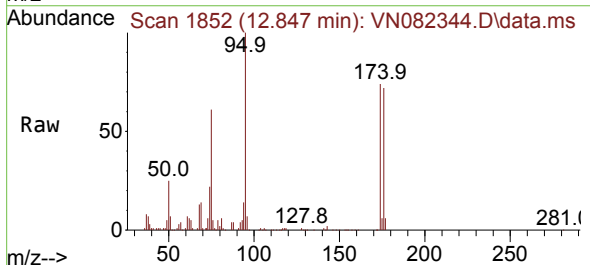


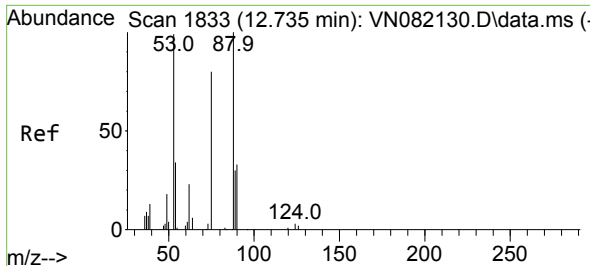
Tgt Ion:152 Resp: 160039
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.4 91.3
 150 158.1 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 30.794 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082344.D
 Acq: 28 May 2024 14:05

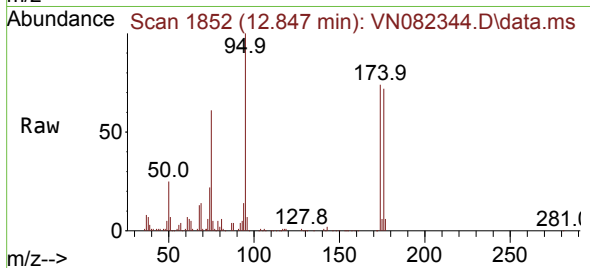
Tgt Ion: 75 Resp: 103729
 Ion Ratio Lower Upper
 75 100
 77 1.7 90.5 271.3#



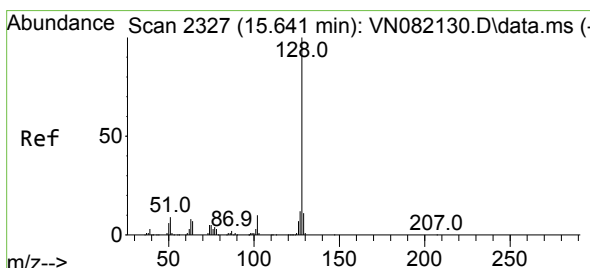
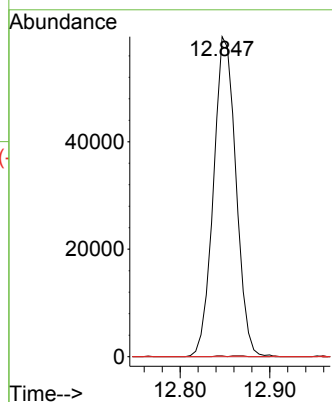
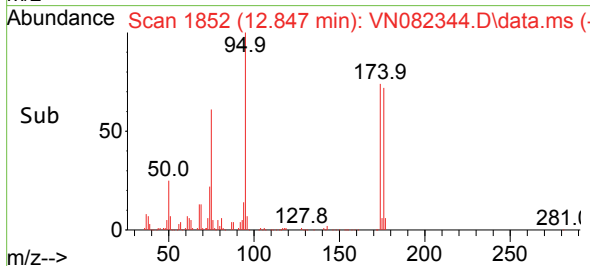


#81
trans-1,4-Dichloro-2-butene
Concen: 72.027 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05

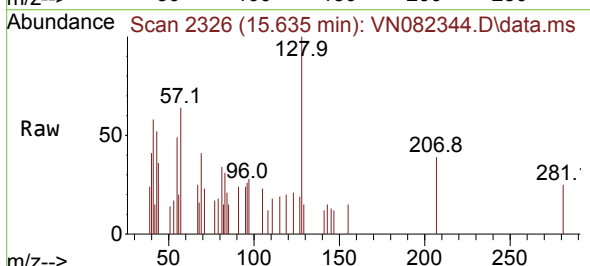
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 103729
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#



#95
Naphthalene
Concen: 0.323 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN082344.D
Acq: 28 May 2024 14:05



Tgt Ion: 128 Resp: 2945
Ion Ratio Lower Upper
128 100
127 10.9 10.1 15.1
129 10.5 8.9 13.3

