

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082346.D
 Acq On : 28 May 2024 14:53
 Operator : JC\MD
 Sample : P2606-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 29 06:51:01 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)

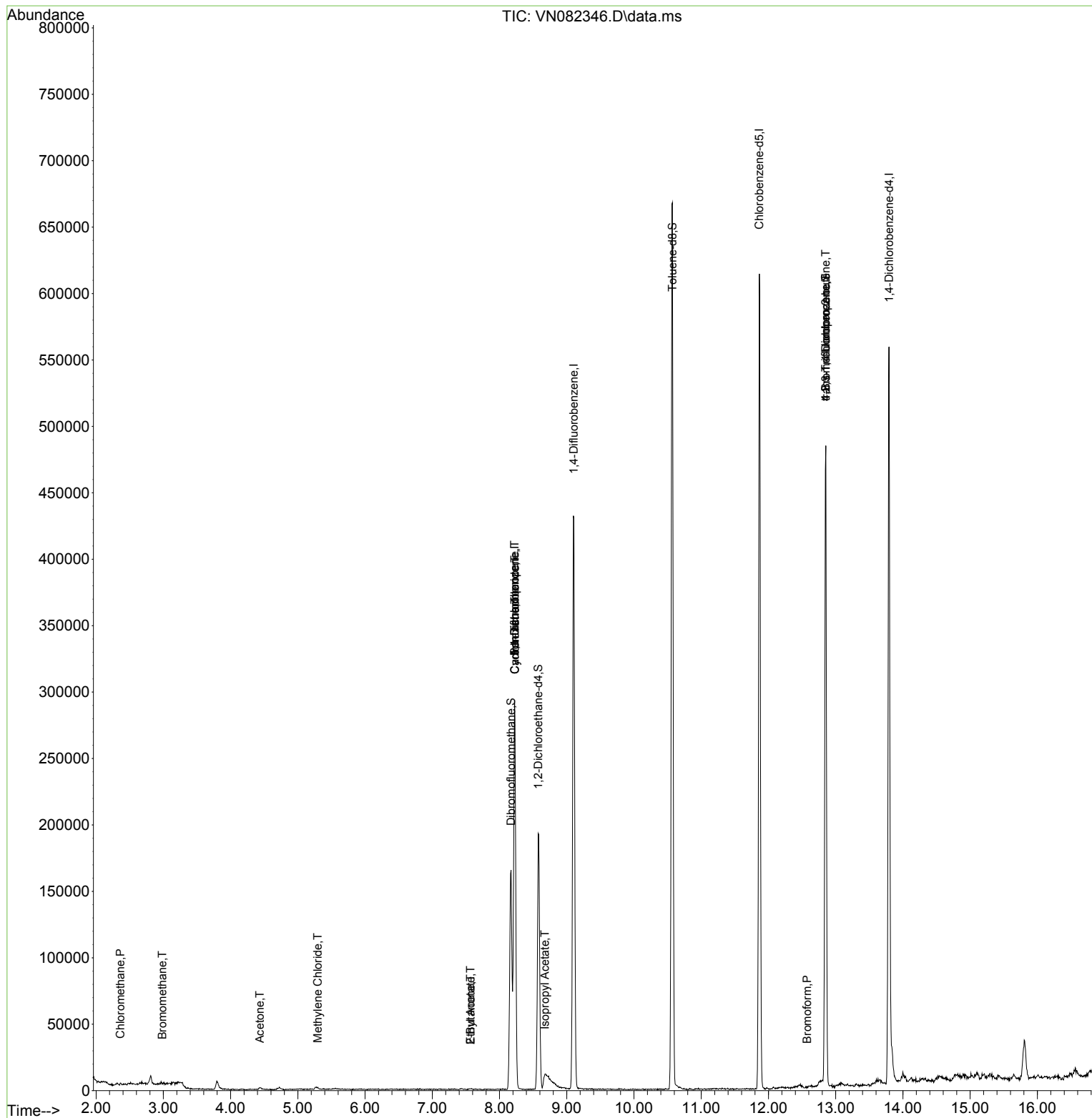
Internal Standards						
1) Pentafluorobenzene	8.224	168	205065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160368	49.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	8.171	113	114889	52.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.571	98	443984	52.634	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.260%
62) 4-Bromofluorobenzene	12.853	95	156610	52.017	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	104.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1066	0.318	ug/l #	88
5) Bromomethane	2.983	94	605	0.334	ug/l #	3
16) Acetone	4.436	43	2892	2.177	ug/l #	86
20) Methylene Chloride	5.295	84	1373	0.512	ug/l #	47
25) 2-Butanone	7.571	43	1109	0.551	ug/l #	43
31) Cyclohexane	8.230	56	5667	1.096	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	18406	4.988	ug/l #	49
37) Ethyl Acetate	7.571	43	1109	0.269	ug/l #	68
38) Carbon Tetrachloride	8.230	117	22381	5.983	ug/l #	16
43) Isopropyl Acetate	8.677	43	16892	2.308	ug/l #	52
71) Bromoform	12.576	173	62	0.733	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	90656	31.594	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	90656	73.897	ug/l #	12

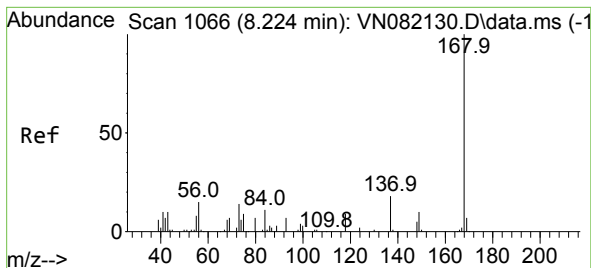
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082346.D

Acq: 28 May 2024 14:53

Instrument :

MSVOA_N

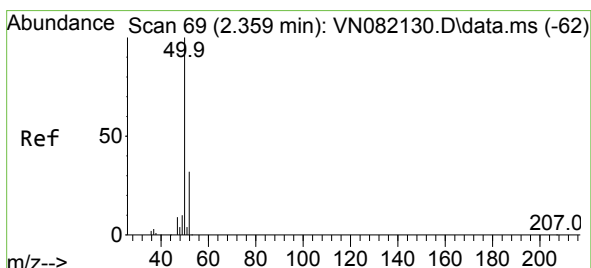
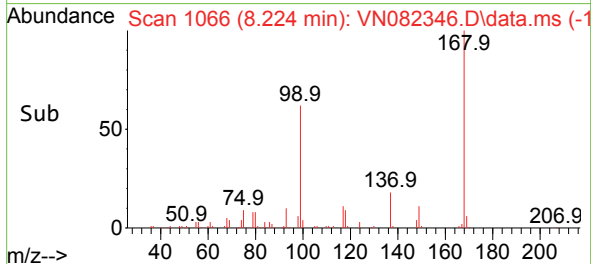
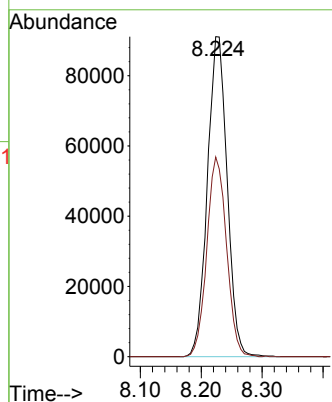
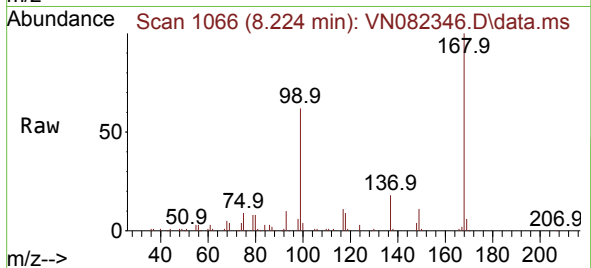
ClientSampleId :

Tgt Ion:168 Resp: 205065

Ion Ratio Lower Upper

168 100

99 62.4 48.2 72.4



#3

Chloromethane

Concen: 0.318 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082346.D

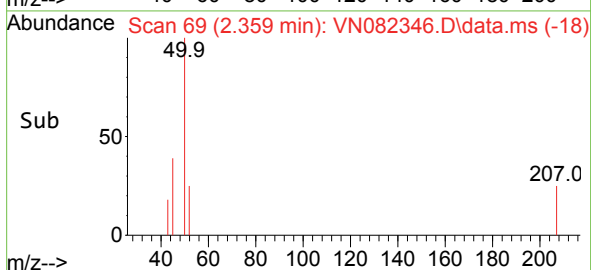
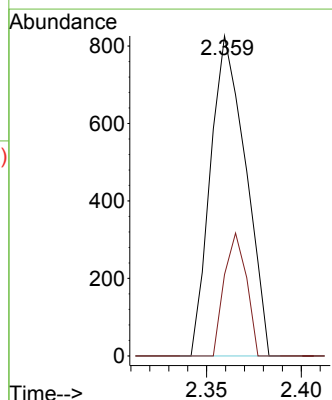
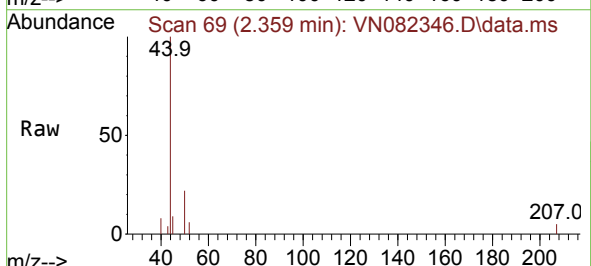
Acq: 28 May 2024 14:53

Tgt Ion: 50 Resp: 1066

Ion Ratio Lower Upper

50 100

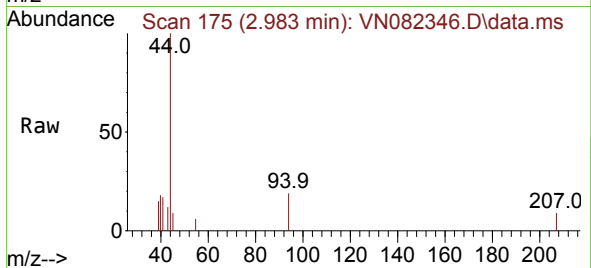
52 25.4 25.5 38.3#



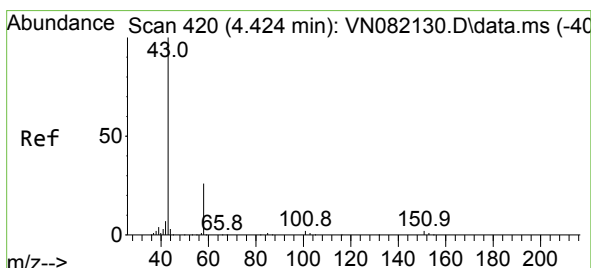
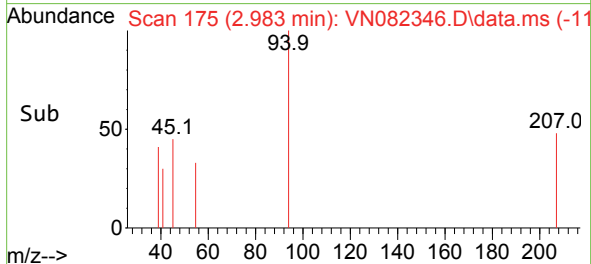
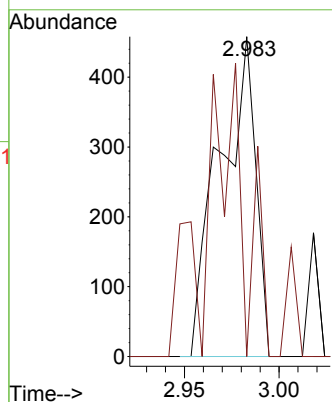


#5
Bromomethane
Concen: 0.334 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Instrument :
MSVOA_N
ClientSampleId :

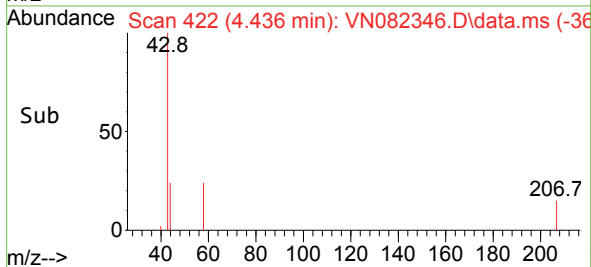
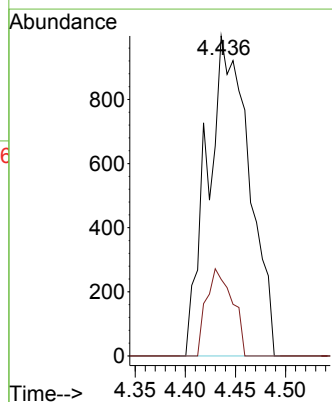
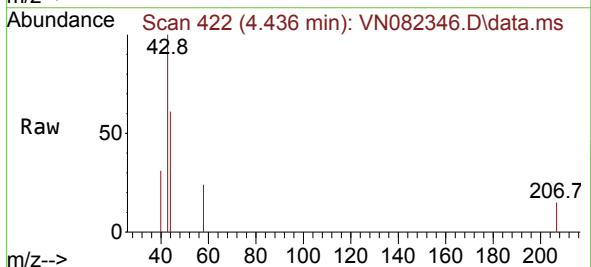


Tgt Ion: 94 Resp: 605
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#16
Acetone
Concen: 2.177 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

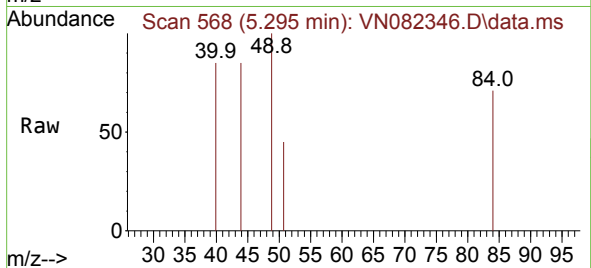
Tgt Ion: 43 Resp: 2892
Ion Ratio Lower Upper
43 100
58 23.9 25.2 37.8#





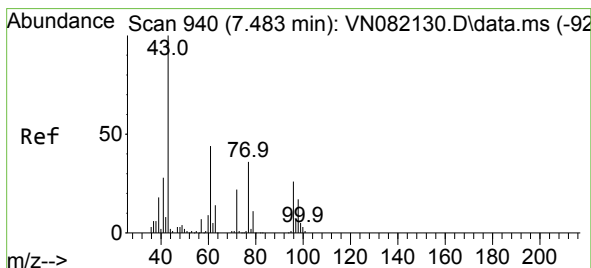
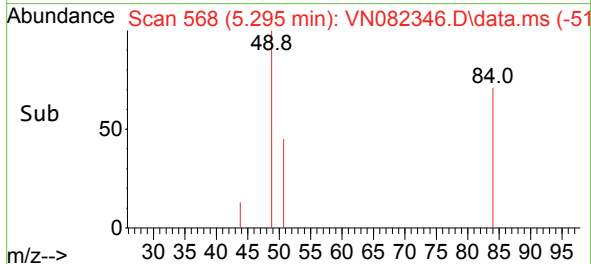
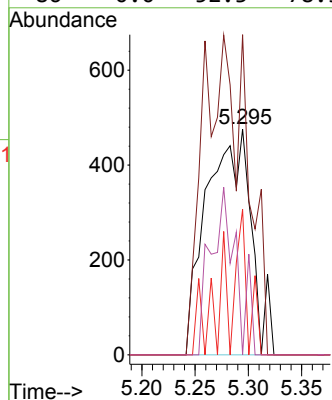
#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1373

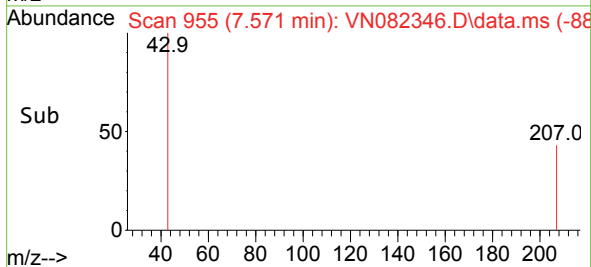
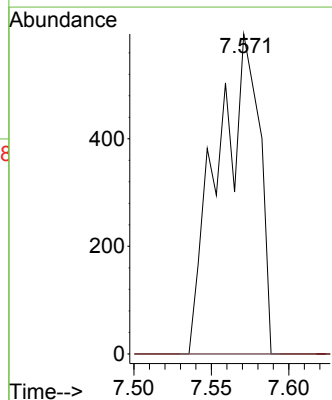
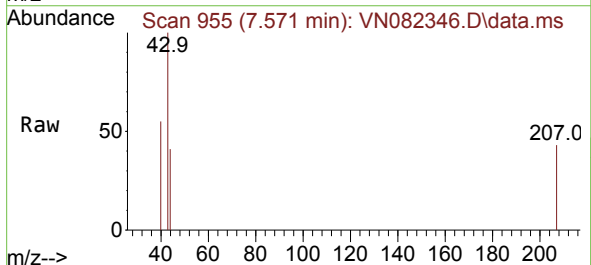
Ion	Ratio	Lower	Upper
84	100		
49	141.8	84.9	127.3#
51	64.5	27.0	40.6#
86	0.0	52.3	78.5#

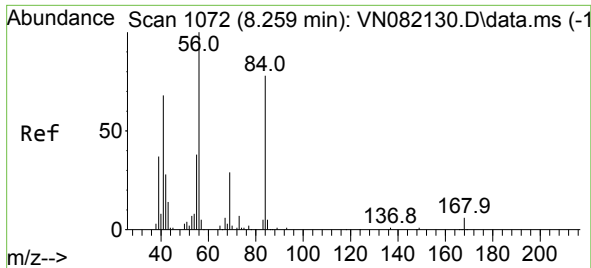


#25
2-Butanone
Concen: 0.551 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.088 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion: 43 Resp: 1109

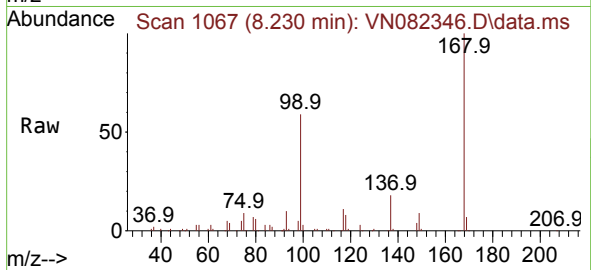
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#



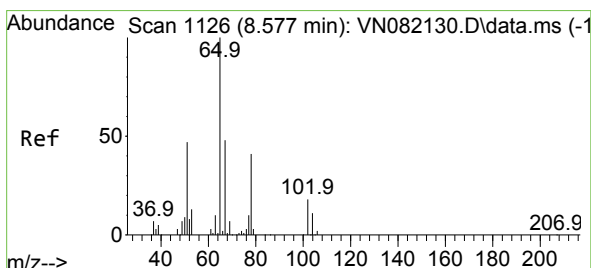
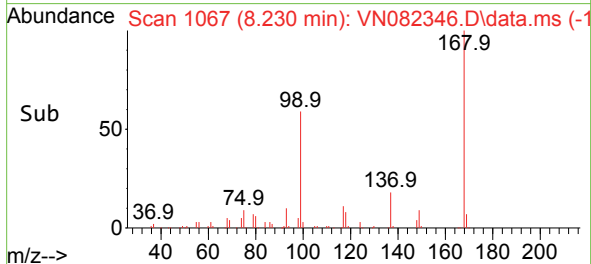
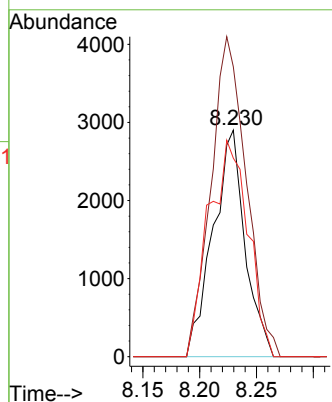


#31
Cyclohexane
Concen: 1.096 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Instrument :
MSVOA_N
ClientSampleId :

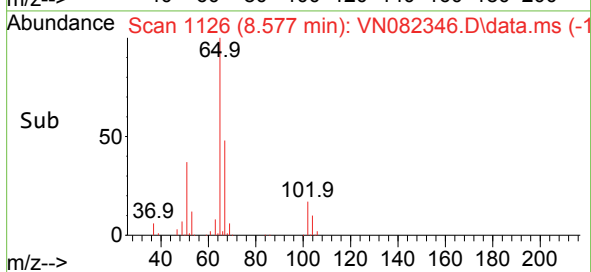
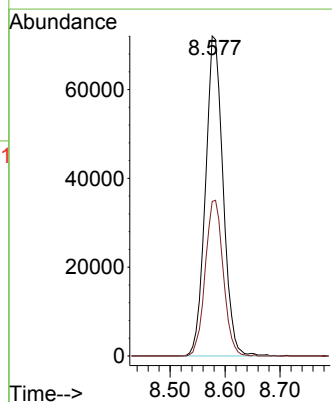
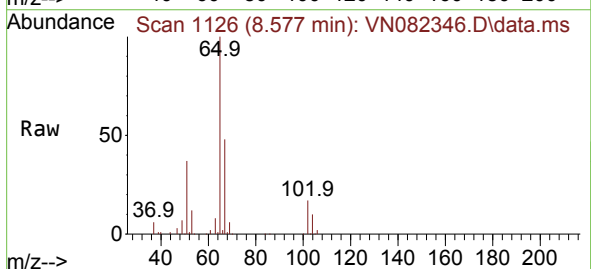


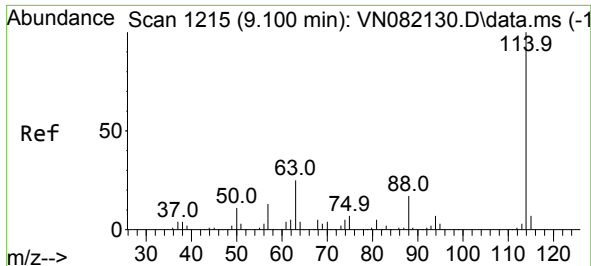
Tgt Ion: 56 Resp: 5667
Ion Ratio Lower Upper
56 100
69 127.9 24.4 36.6#
84 87.6 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 49.526 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion: 65 Resp: 160368
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.0

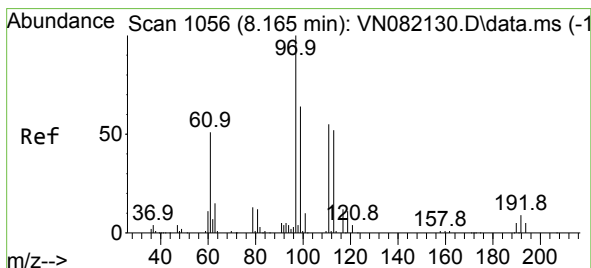
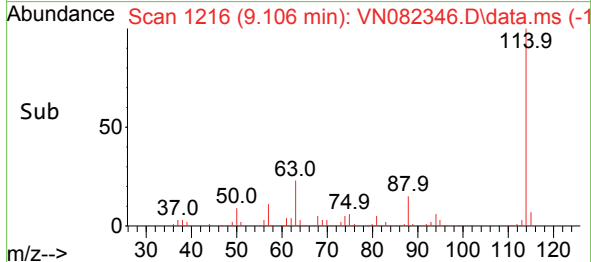
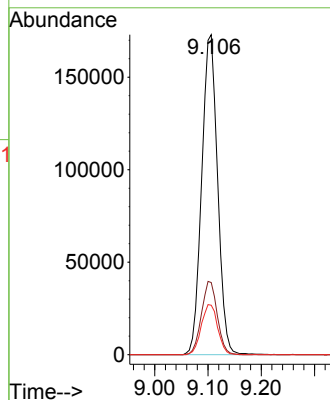
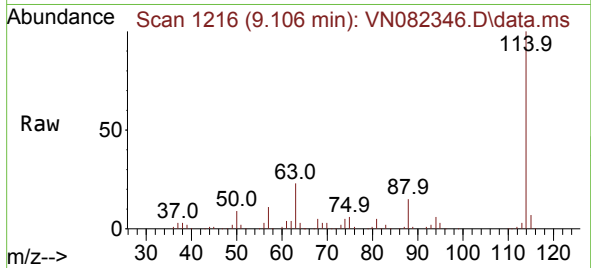




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

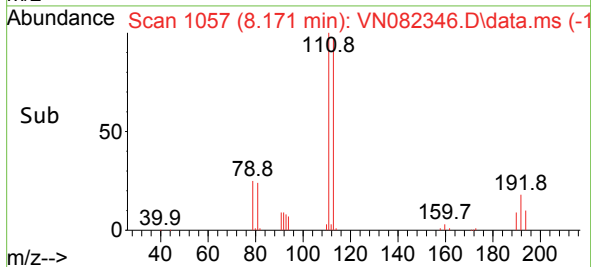
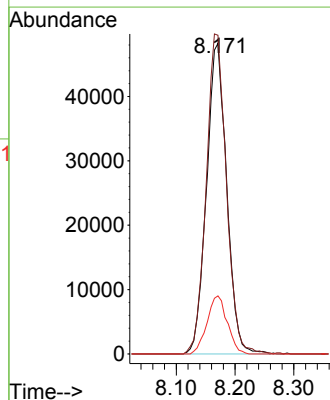
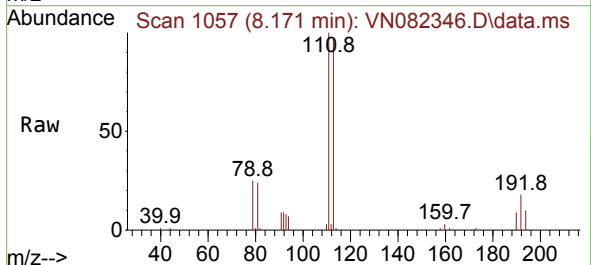
Instrument :
MSVOA_N
ClientSampleId :

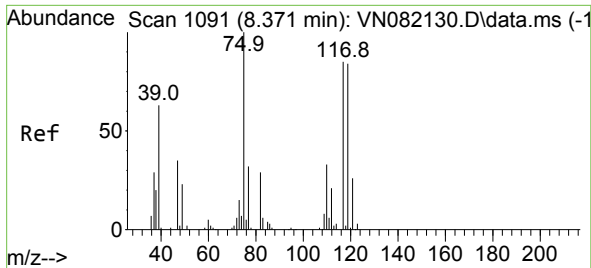
Tgt Ion:114 Resp: 357663
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.0
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.218 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

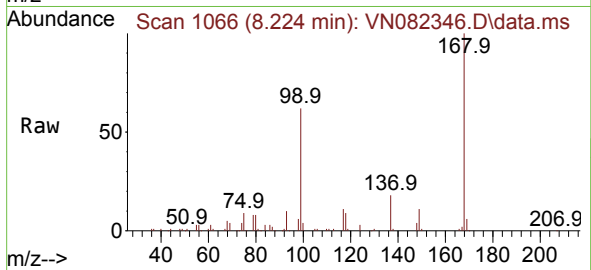
Tgt Ion:113 Resp: 114889
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.2
192 18.8 14.0 21.0



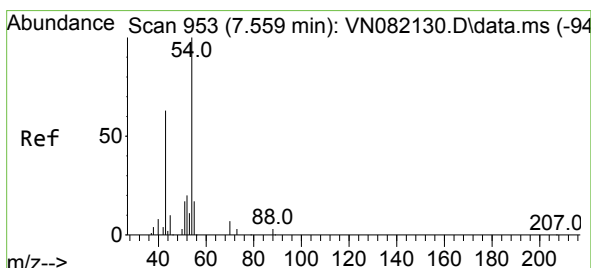
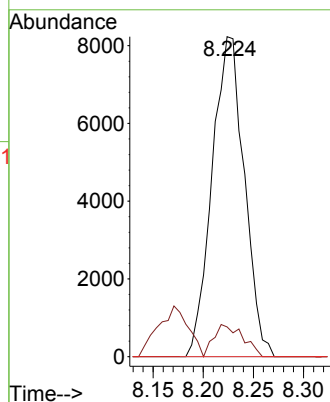
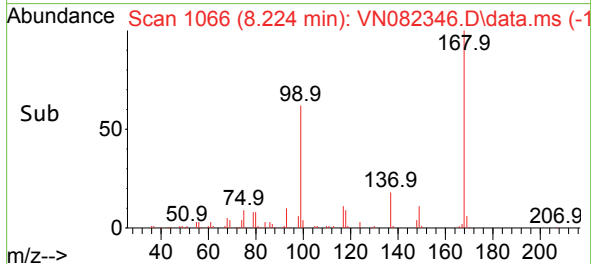


#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Instrument :
MSVOA_N
ClientSampleId :

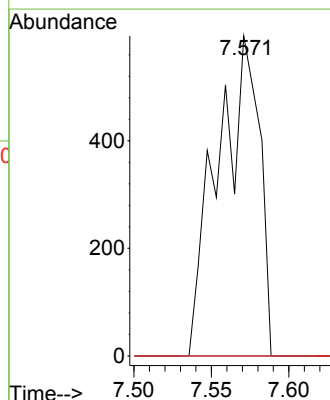
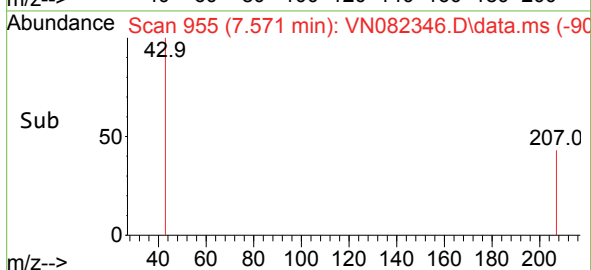
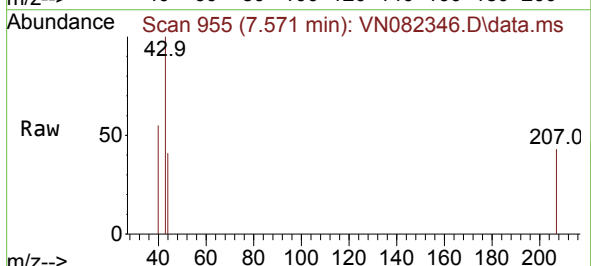


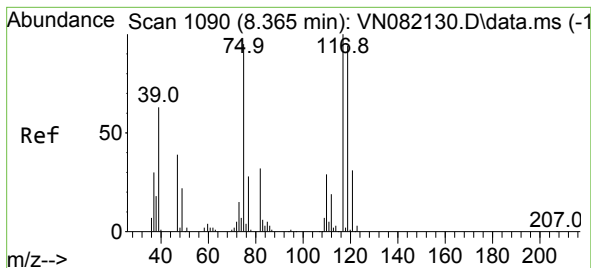
Tgt Ion: 75 Resp: 18406
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.269 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.983 ug/l

RT: 8.230 min Scan# 1106

Delta R.T. -0.135 min

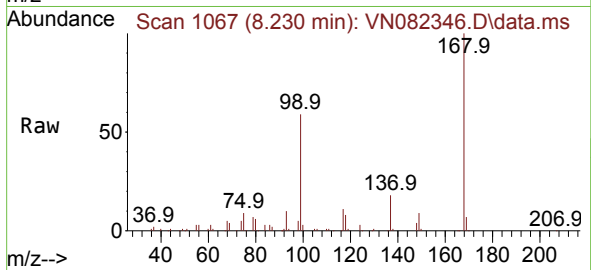
Lab File: VN082346.D

Acq: 28 May 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :



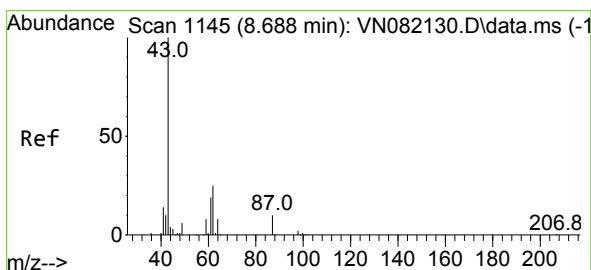
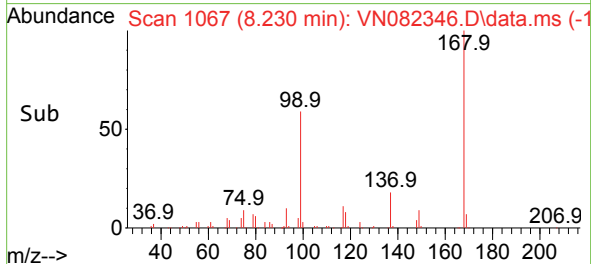
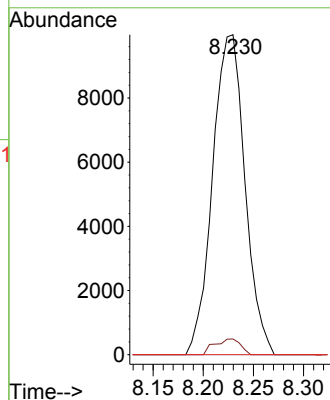
Tgt Ion:117 Resp: 22381

Ion Ratio Lower Upper

117 100

119 4.9 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 2.308 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN082346.D

Acq: 28 May 2024 14:53

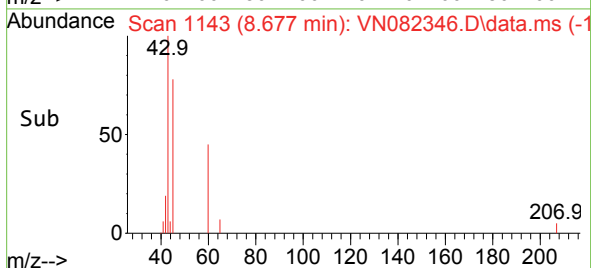
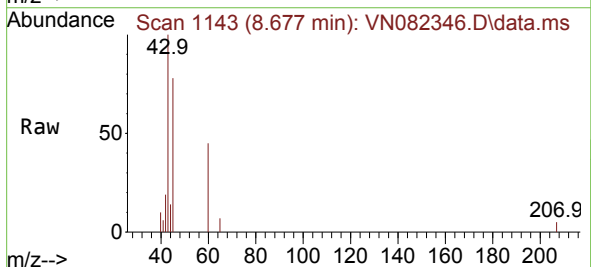
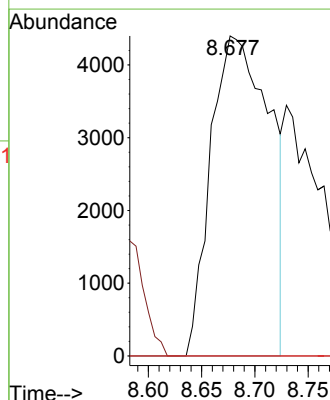
Tgt Ion: 43 Resp: 16892

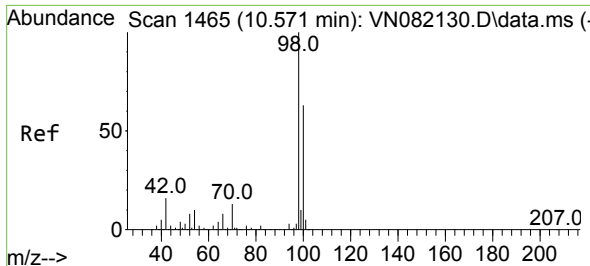
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

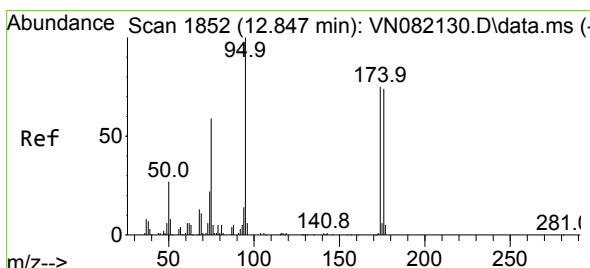
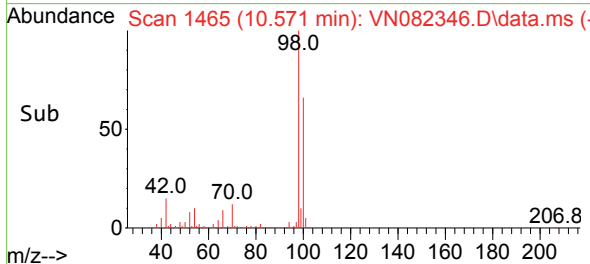
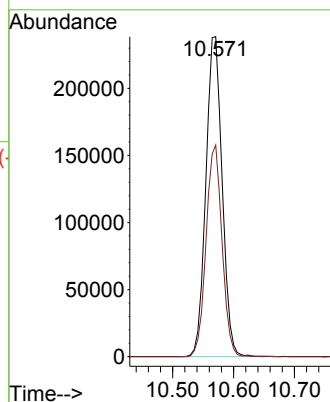
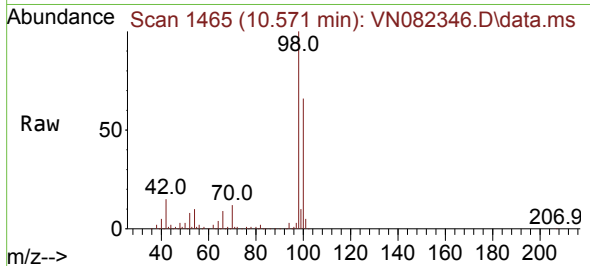




#50
Toluene-d8
Concen: 52.634 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

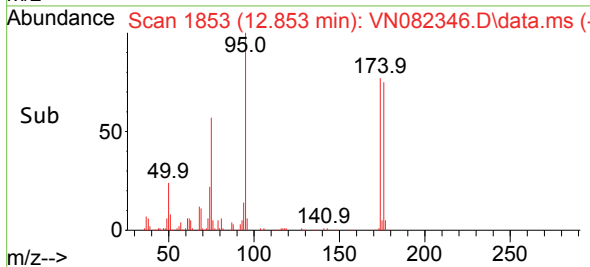
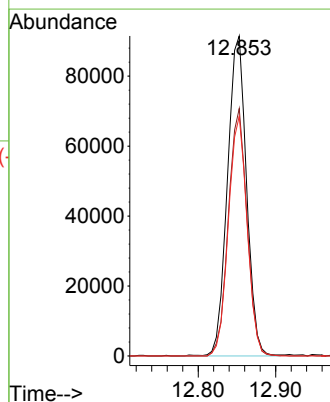
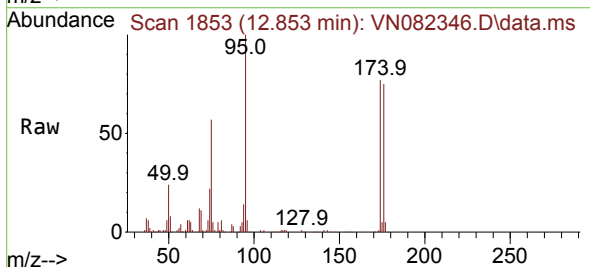
Instrument :
MSVOA_N
ClientSampleId :

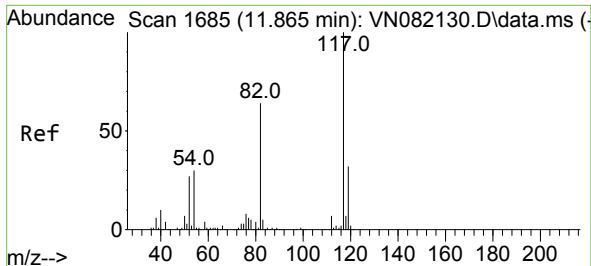
Tgt Ion: 98 Resp: 443984
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.017 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

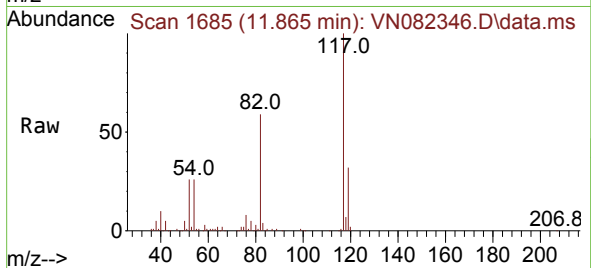
Tgt Ion: 95 Resp: 156610
Ion Ratio Lower Upper
95 100
174 75.7 0.0 160.6
176 73.3 0.0 152.8



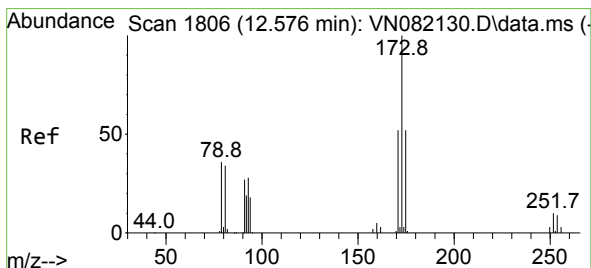
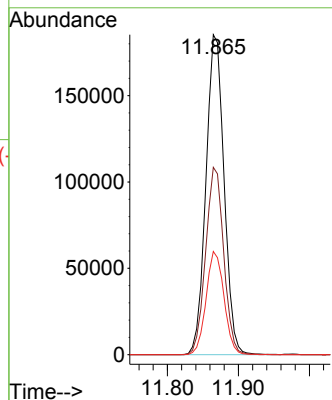
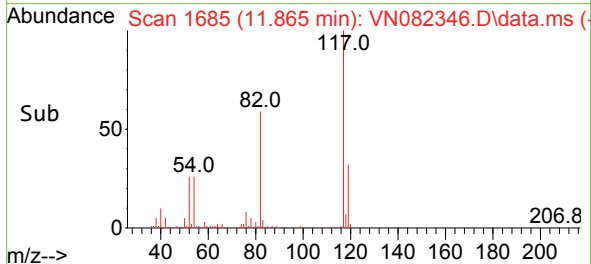


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Instrument :
MSVOA_N
ClientSampleId :

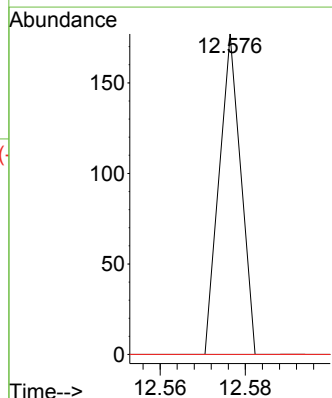
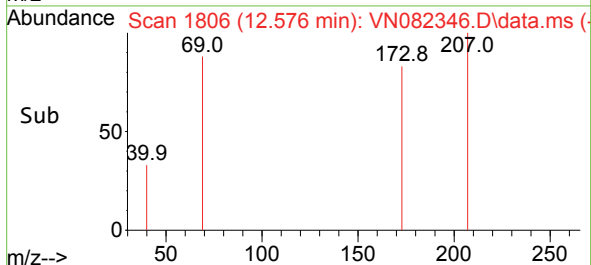
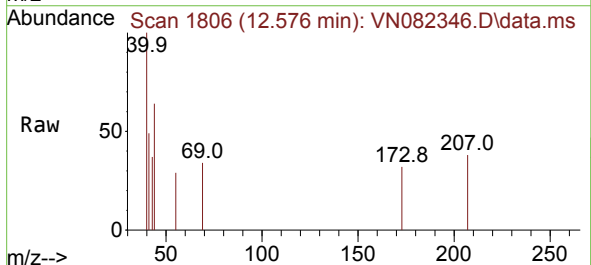


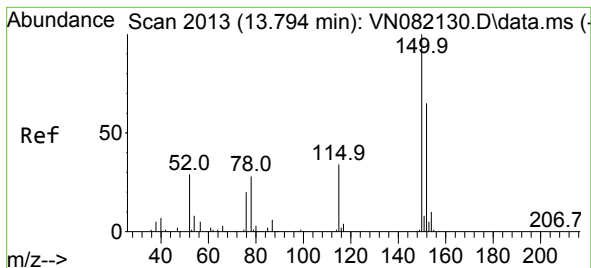
Tgt Ion:117 Resp: 328783
Ion Ratio Lower Upper
117 100
82 58.5 44.6 66.8
119 32.2 25.9 38.9



#71
Bromoform
Concen: 0.733 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion:173 Resp: 62
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

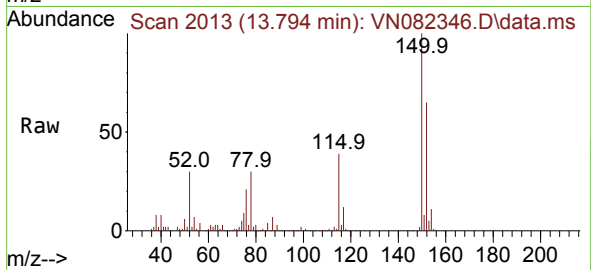
Lab File: VN082346.D

Acq: 28 May 2024 14:53

Instrument :

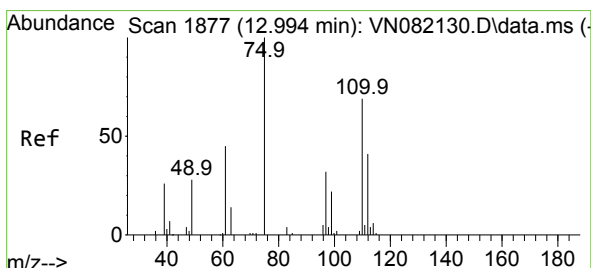
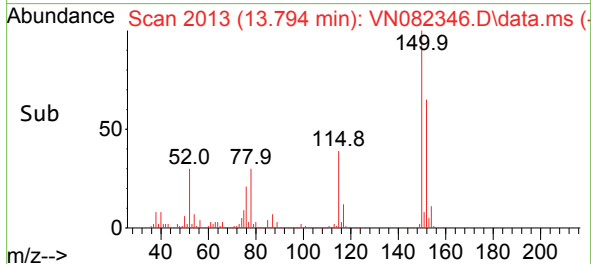
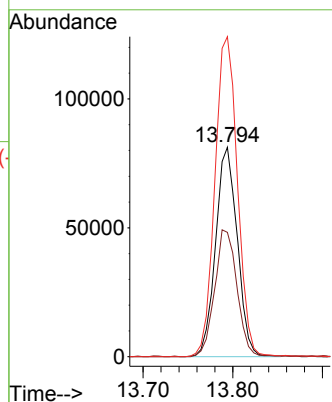
MSVOA_N

ClientSampleId :



Tgt Ion:152 Resp: 136329

Ion	Ratio	Lower	Upper
152	100		
115	62.5	30.4	91.3
150	158.4	0.0	353.2



#76

1,2,3-Trichloropropane

Concen: 31.594 ug/l

RT: 12.853 min Scan# 1853

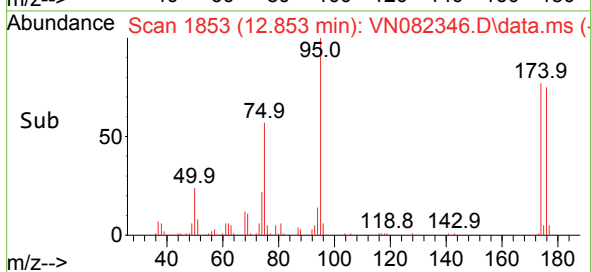
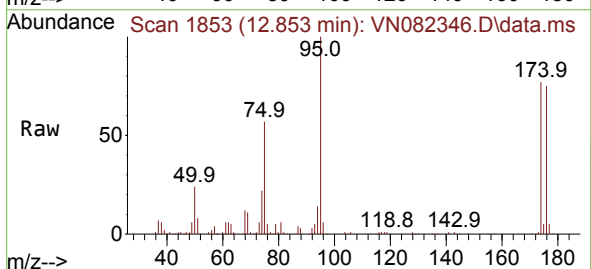
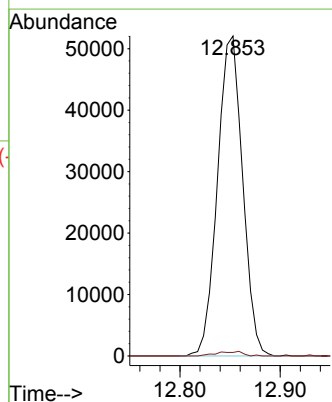
Delta R.T. -0.141 min

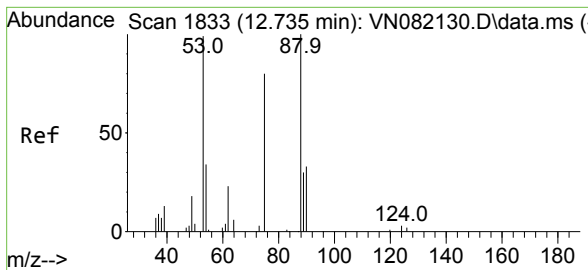
Lab File: VN082346.D

Acq: 28 May 2024 14:53

Tgt Ion: 75 Resp: 90656

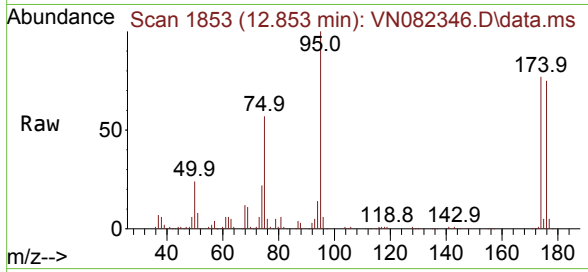
Ion	Ratio	Lower	Upper
75	100		
77	1.5	90.5	271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.897 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082346.D
 Acq: 28 May 2024 14:53

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 90656
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.1 39.1 58.7#

