

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082357.D
 Acq On : 28 May 2024 19:20
 Operator : JC\MD
 Sample : P2609-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 426

Quant Time: May 29 06:58:19 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)

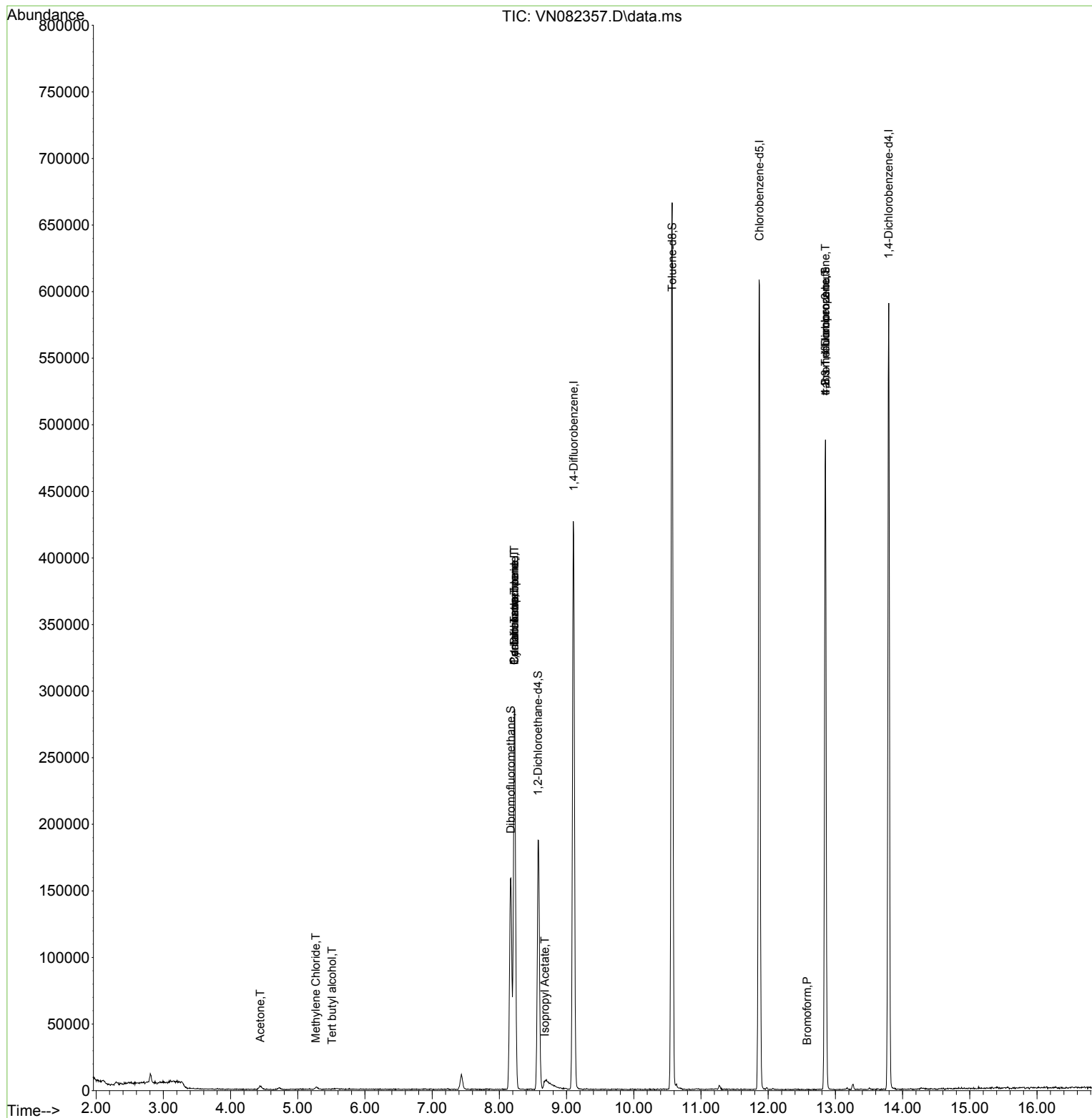
Internal Standards						
1) Pentafluorobenzene	8.224	168	201354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	326203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158288	49.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.560%		
35) Dibromofluoromethane	8.171	113	112185	52.284	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.560%		
50) Toluene-d8	10.571	98	436865	53.105	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.220%		
62) 4-Bromofluorobenzene	12.853	95	154605	52.655	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	105.300%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.512	59	161	0.315	ug/l #	71
16) Acetone	4.442	43	5385	4.129	ug/l #	77
20) Methylene Chloride	5.271	84	1074	0.408	ug/l #	76
31) Cyclohexane	8.224	56	5982	1.178	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	17624	4.897	ug/l #	50
38) Carbon Tetrachloride	8.224	117	21844	5.988	ug/l #	15
43) Isopropyl Acetate	8.677	43	5188	0.727	ug/l #	52
71) Bromoform	12.582	173	64	0.734	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	93415	30.525	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	93415	71.397	ug/l #	12

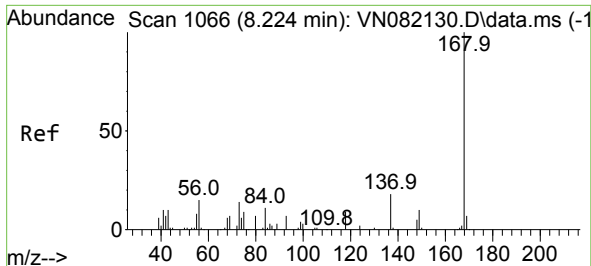
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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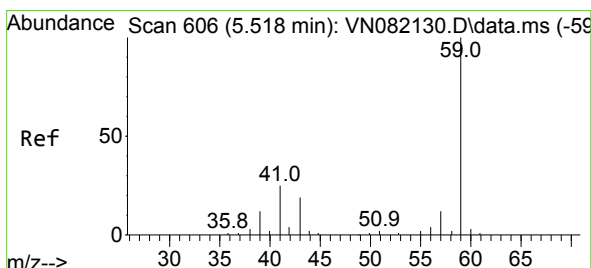
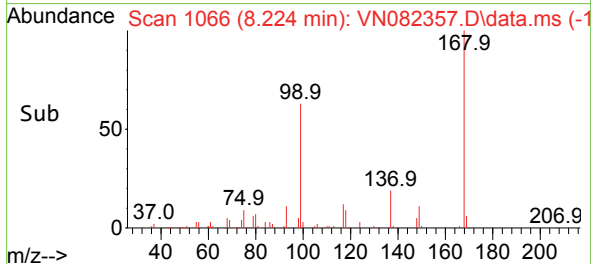
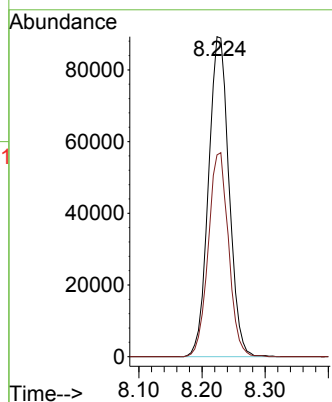
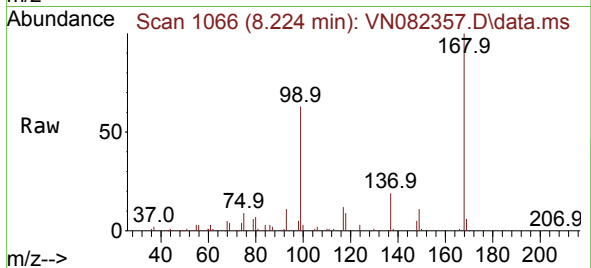




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

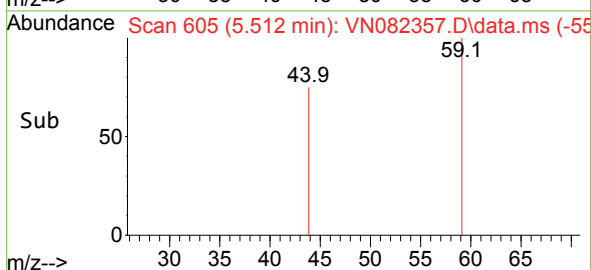
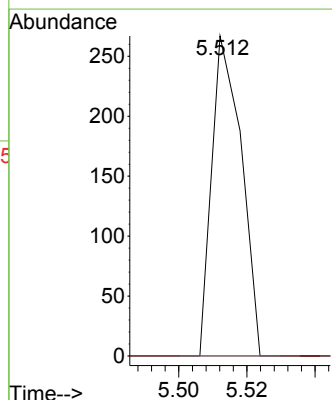
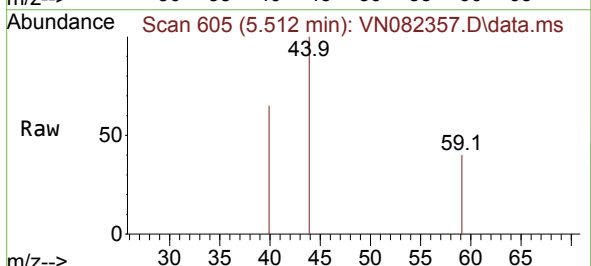
Instrument :
MSVOA_N
ClientSampleId :
426

Tgt Ion:168 Resp: 201354
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.315 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

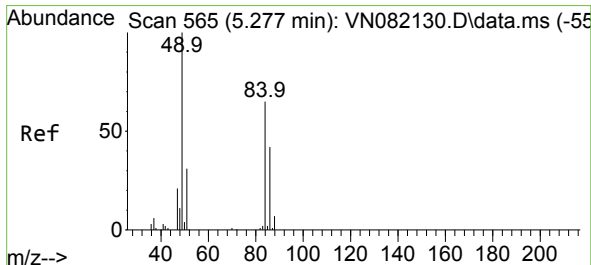
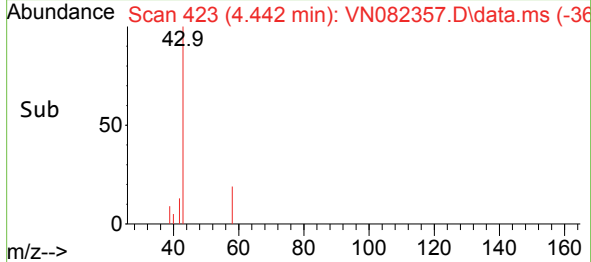
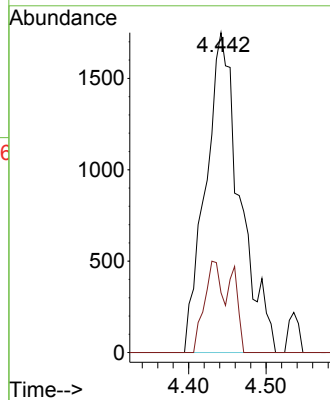
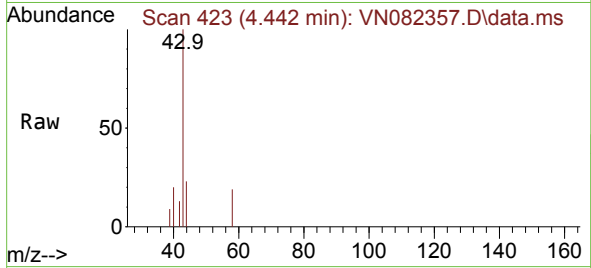




#16
Acetone
Concen: 4.129 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

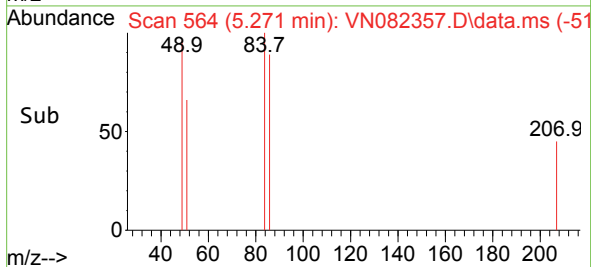
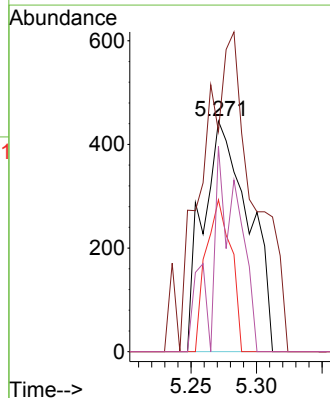
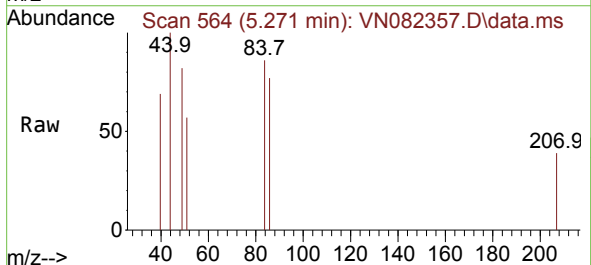
Instrument :
MSVOA_N
ClientSampleId :
426

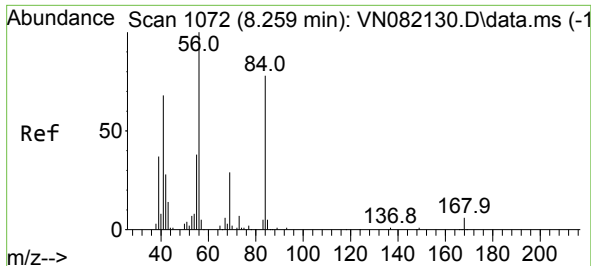
Tgt Ion: 43 Resp: 5385
Ion Ratio Lower Upper
43 100
58 18.7 25.2 37.8#



#20
Methylene Chloride
Concen: 0.408 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

Tgt Ion: 84 Resp: 1074
Ion Ratio Lower Upper
84 100
49 95.5 84.9 127.3
51 65.8 27.0 40.6#
86 89.0 52.3 78.5#

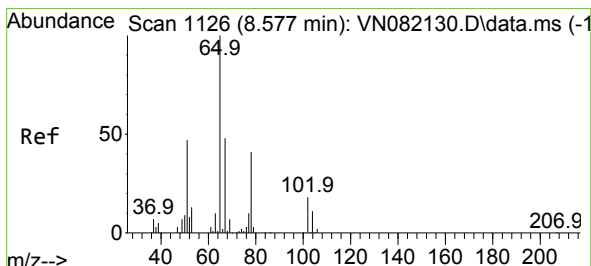
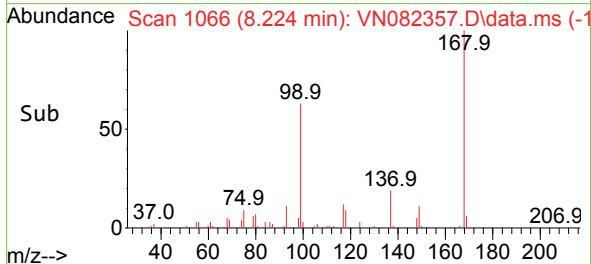
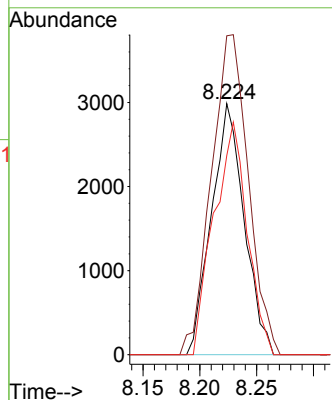
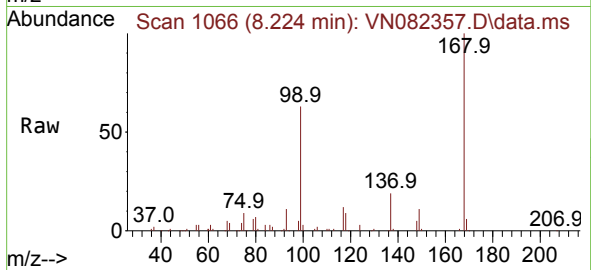




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

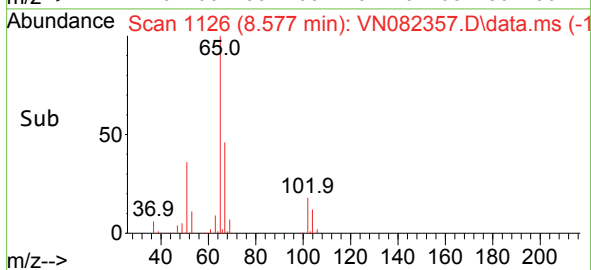
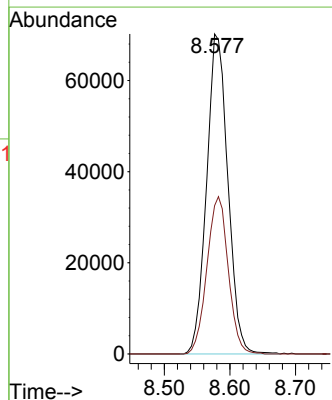
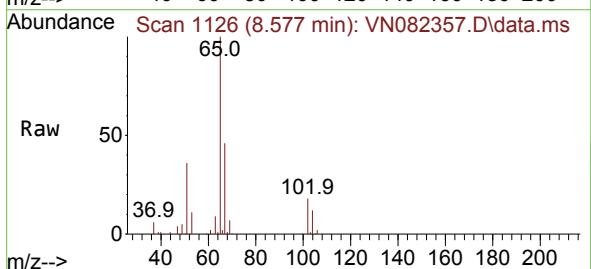
Instrument :
MSVOA_N
ClientSampleId :
426

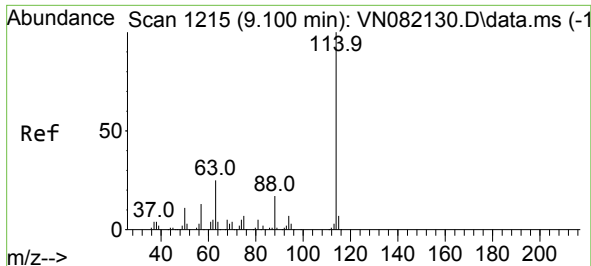
Tgt Ion: 56 Resp: 5982
Ion Ratio Lower Upper
56 100
69 127.0 24.4 36.6#
84 79.3 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 49.785 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

Tgt Ion: 65 Resp: 158288
Ion Ratio Lower Upper
65 100
67 49.3 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: VN082357.D

Acq: 28 May 2024 19:20

Instrument :

MSVOA_N

ClientSampleId :

426

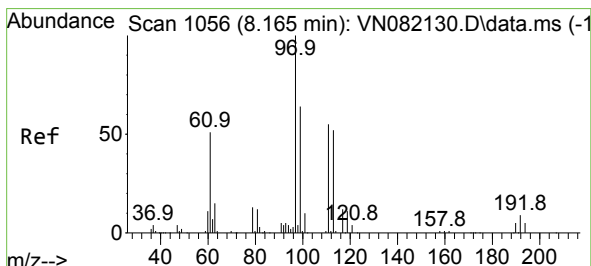
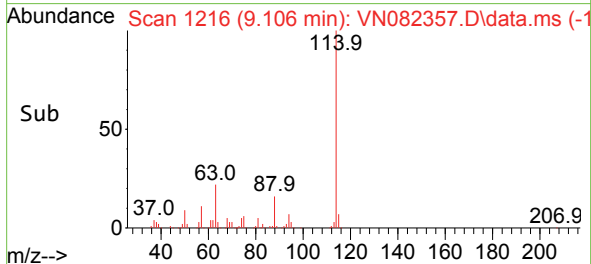
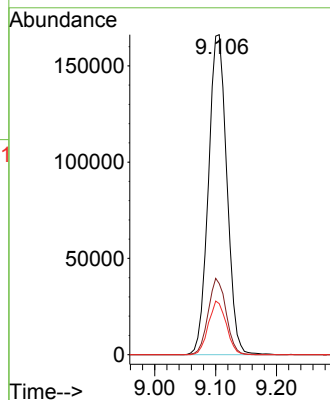
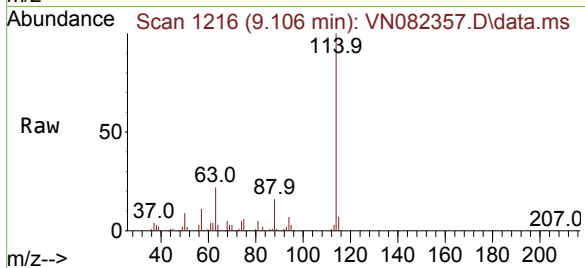
Tgt Ion:114 Resp: 348806

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.0

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.284 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082357.D

Acq: 28 May 2024 19:20

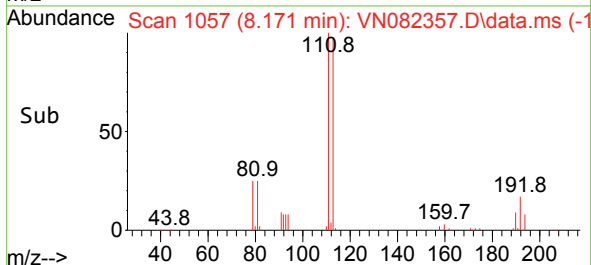
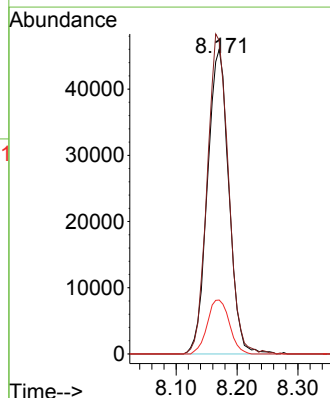
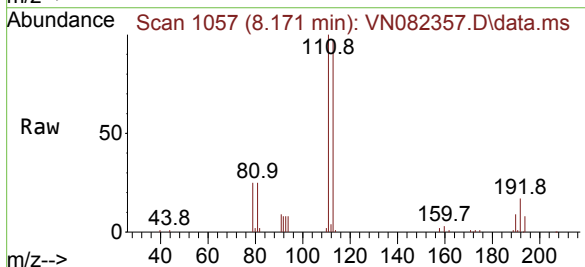
Tgt Ion:113 Resp: 112185

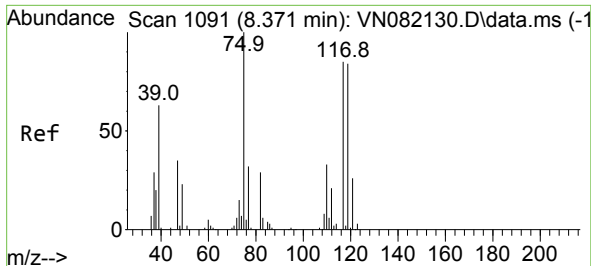
Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

192 18.3 14.0 21.0

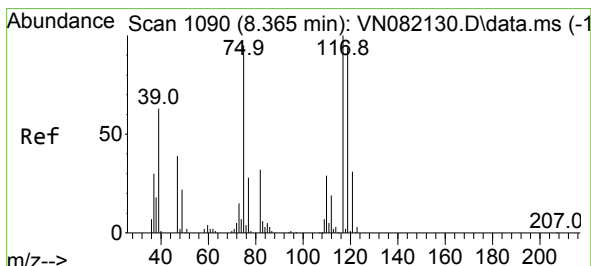
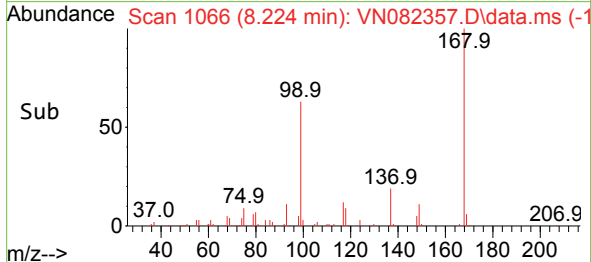
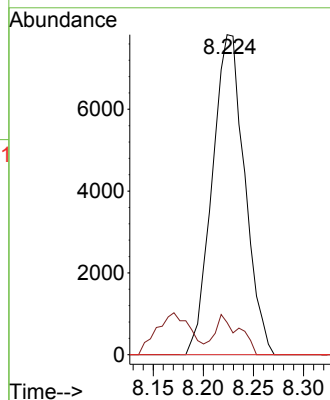
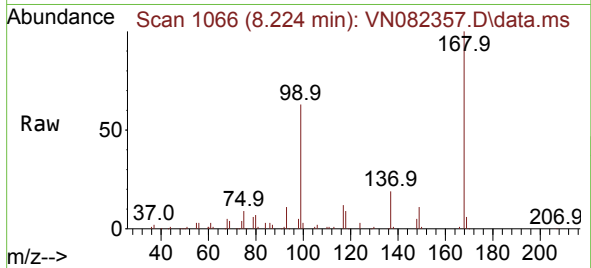




#36
 1,1-Dichloropropene
 Concen: 4.897 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082357.D
 Acq: 28 May 2024 19:20

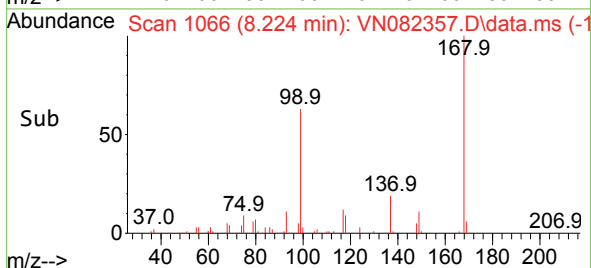
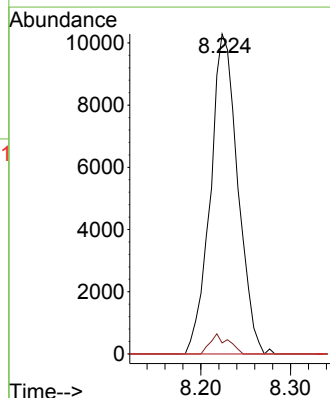
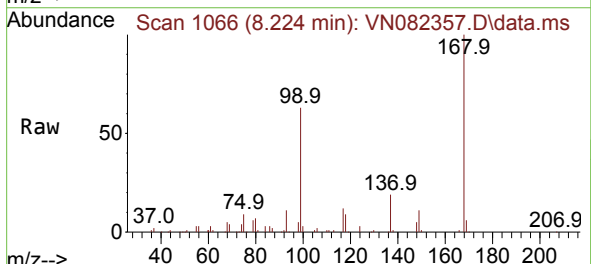
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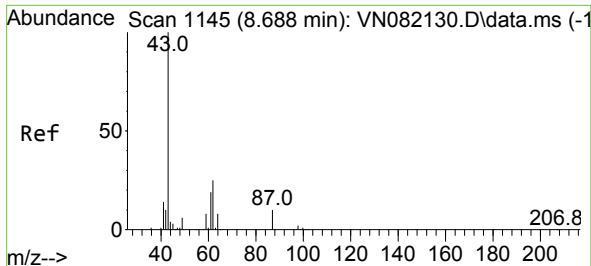
Tgt Ion: 75 Resp: 17624
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.8 53.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.988 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.141 min
 Lab File: VN082357.D
 Acq: 28 May 2024 19:20

Tgt Ion: 117 Resp: 21844
 Ion Ratio Lower Upper
 117 100
 119 3.5 76.5 114.7#
 121 0.0 23.9 35.9#

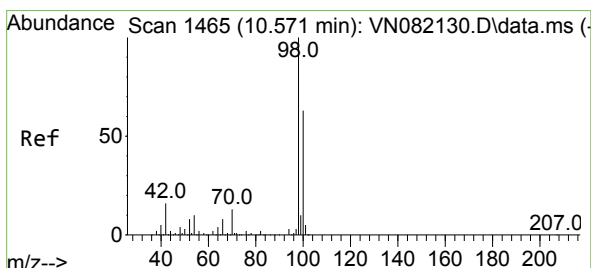
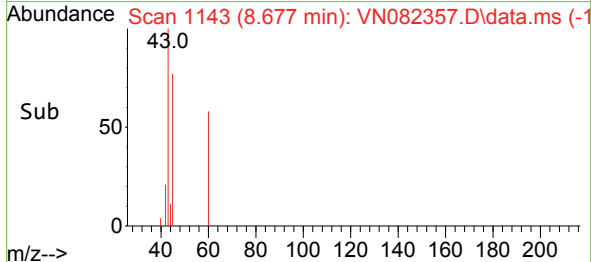
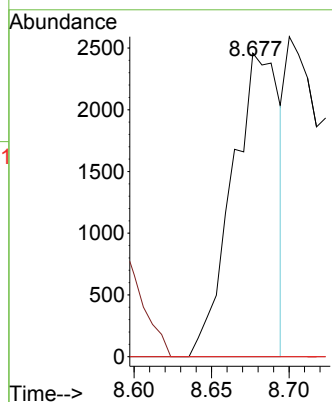
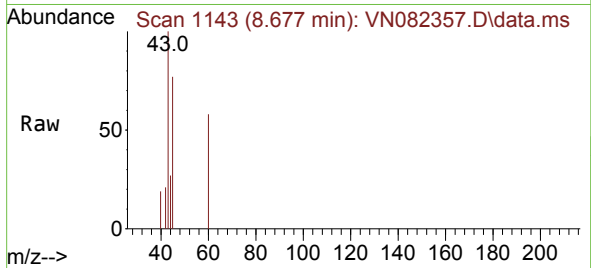




#43
Isopropyl Acetate
Concen: 0.727 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

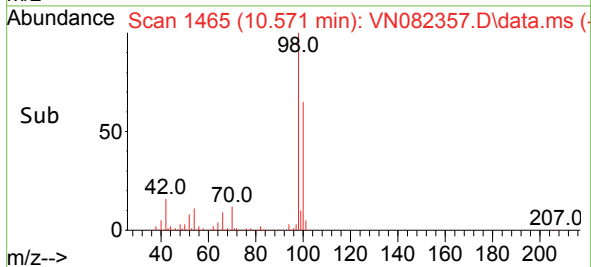
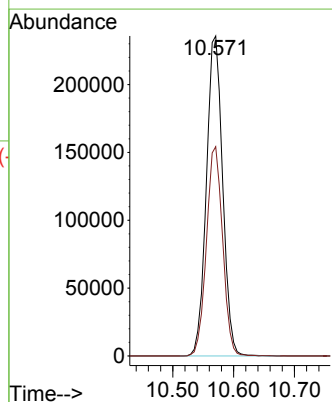
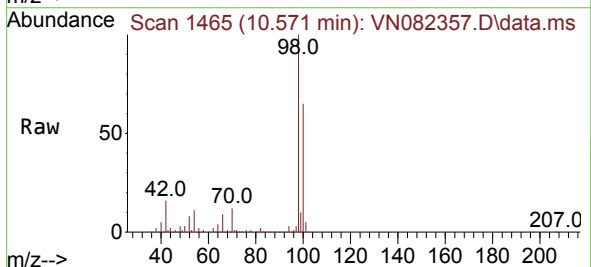
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ClientSampleId :
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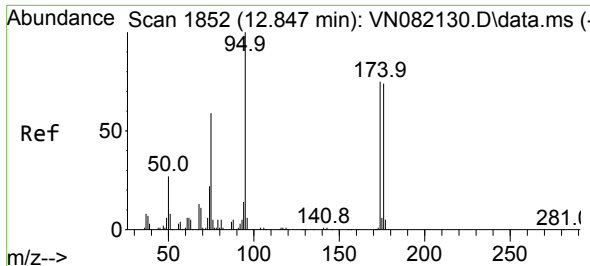
Tgt Ion: 43 Resp: 5188
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.105 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

Tgt Ion: 98 Resp: 436865
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

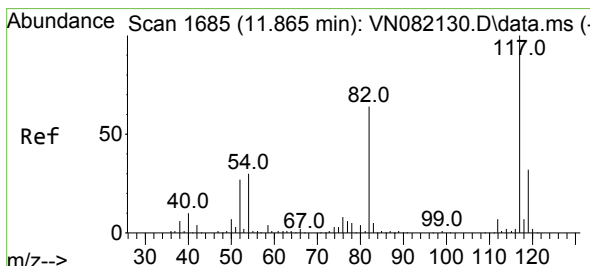
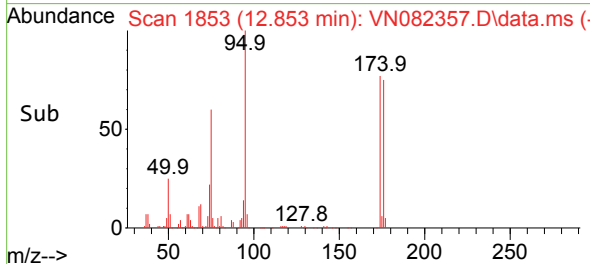
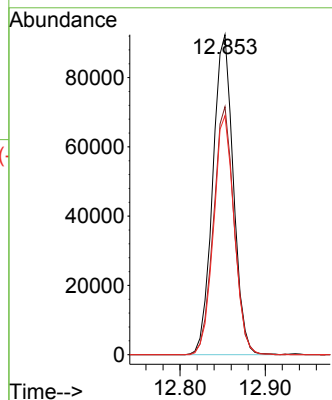
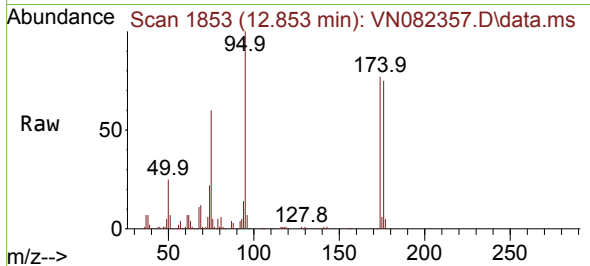




#62
4-Bromofluorobenzene
Concen: 52.655 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

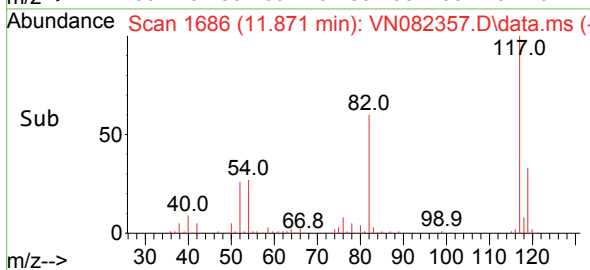
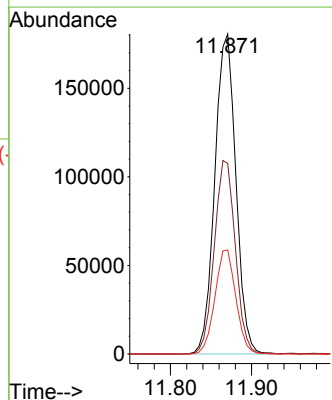
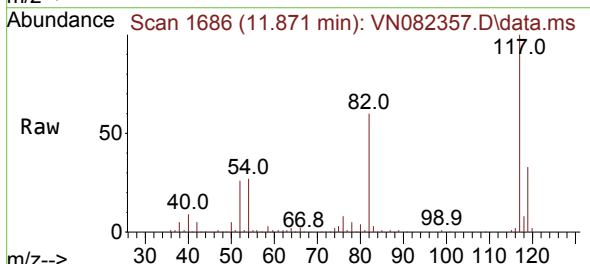
Instrument :
MSVOA_N
ClientSampleId :
426

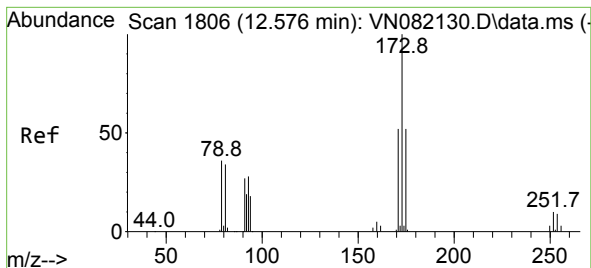
Tgt Ion: 95 Resp: 154605
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.6
176 74.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

Tgt Ion: 117 Resp: 326203
Ion Ratio Lower Upper
117 100
82 59.6 44.6 66.8
119 32.5 25.9 38.9





#71

Bromoform

Concen: 0.734 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082357.D

Acq: 28 May 2024 19:20

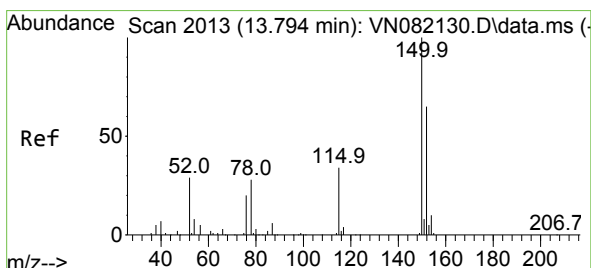
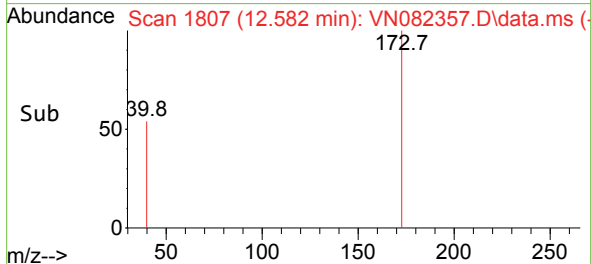
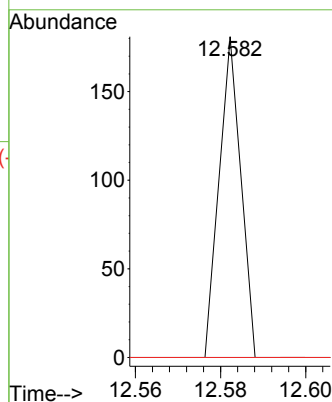
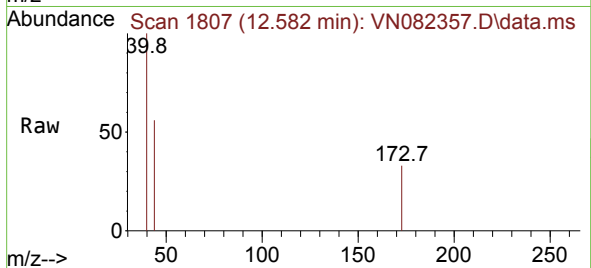
Instrument :

MSVOA_N

ClientSampleId :

426

Tgt Ion:173	Resp:	64
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.6
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

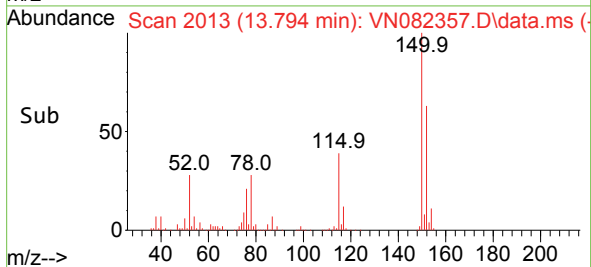
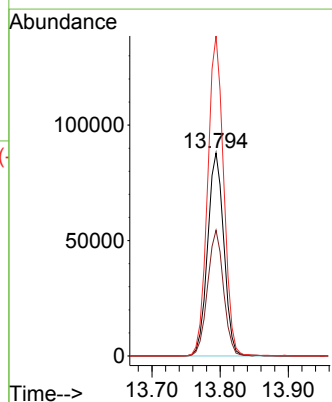
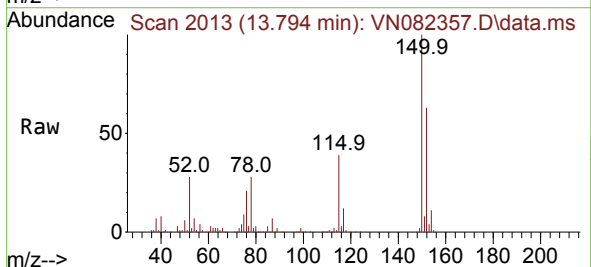
RT: 13.794 min Scan# 2013

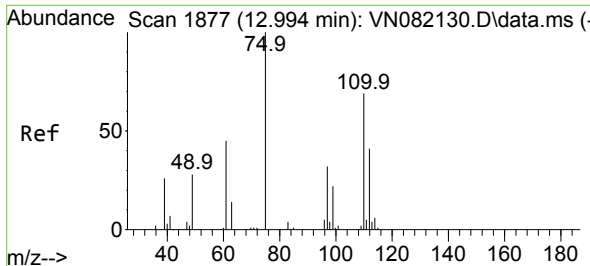
Delta R.T. -0.000 min

Lab File: VN082357.D

Acq: 28 May 2024 19:20

Tgt Ion:152	Resp:	145397
Ion Ratio	Lower	Upper
152	100	
115	61.0	30.4
150	155.9	0.0

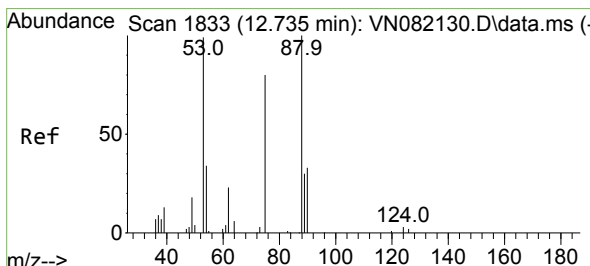
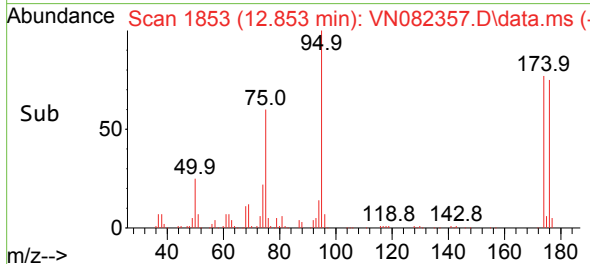
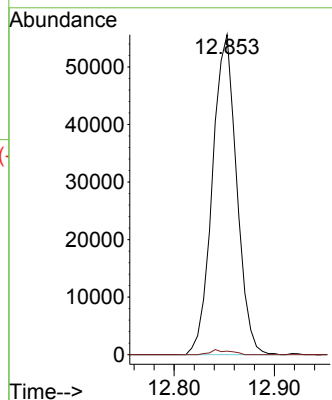
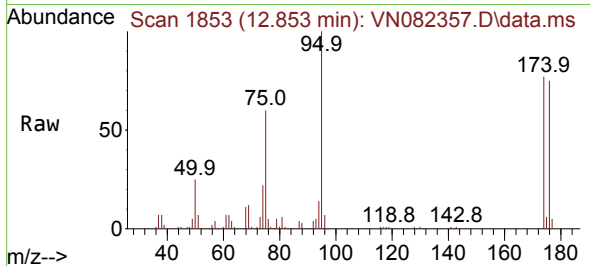




#76
1,2,3-Trichloropropane
Concen: 30.525 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

Instrument :
MSVOA_N
ClientSampleId :
426

Tgt Ion: 75 Resp: 93415
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.397 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082357.D
Acq: 28 May 2024 19:20

Tgt Ion: 75 Resp: 93415
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

