

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082356.D
 Acq On : 28 May 2024 18:56
 Operator : JC\MD
 Sample : P2609-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 29 06:57:28 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	196892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	325151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	154070	49.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.120%
35) Dibromofluoromethane	8.171	113	109825	52.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.120%
50) Toluene-d8	10.570	98	429503	53.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.853	95	155893	54.005	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	108.000%

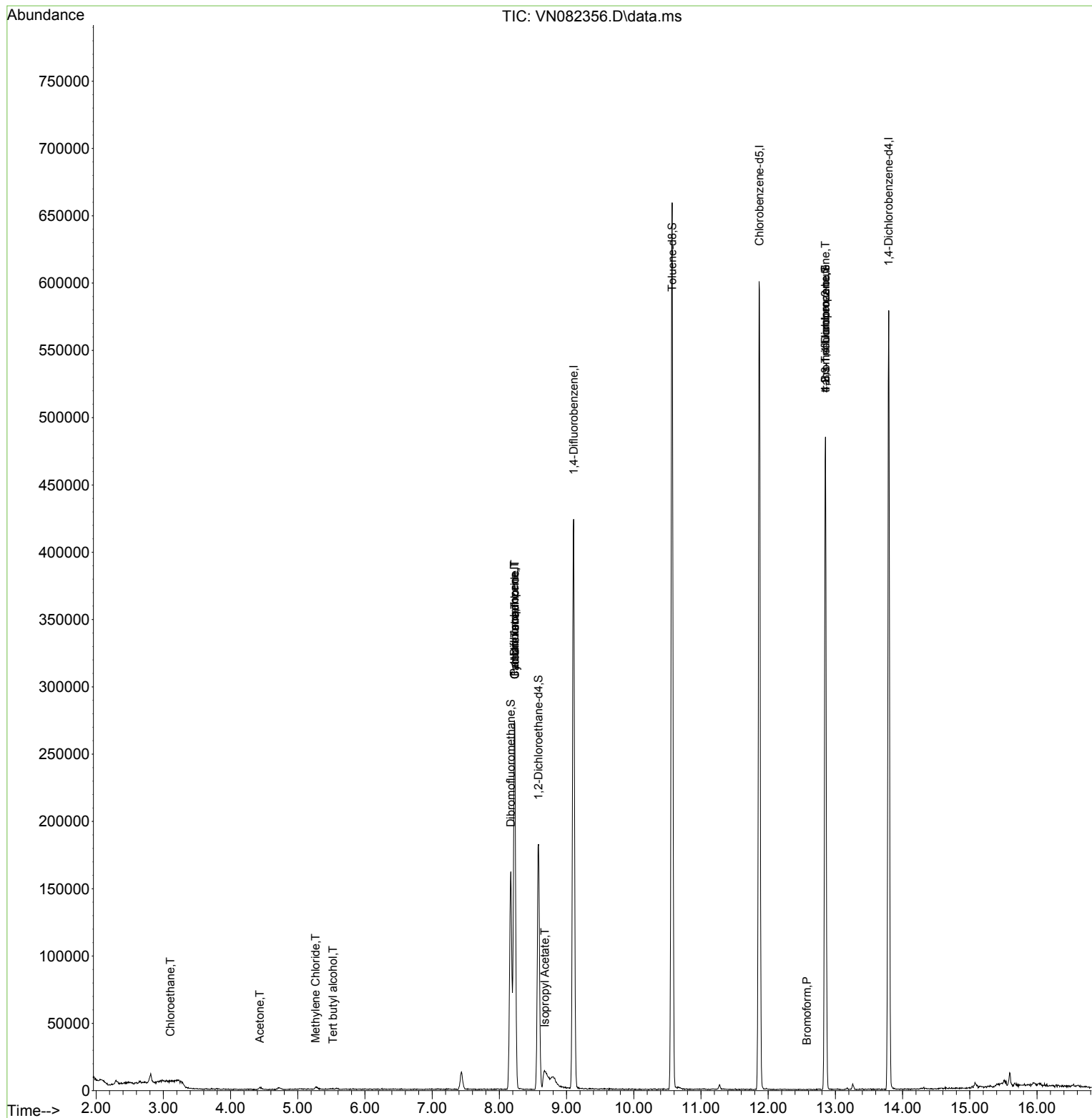
Target Compounds					Qvalue	
6) Chloroethane	3.106	64	442	0.224	ug/l #	44
11) Tert butyl alcohol	5.524	59	187	0.375	ug/l #	71
16) Acetone	4.436	43	2104	1.650	ug/l	92
20) Methylene Chloride	5.265	84	762	0.296	ug/l #	73
31) Cyclohexane	8.229	56	5599	1.128	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	18080	5.110	ug/l #	49
38) Carbon Tetrachloride	8.229	117	20433	5.697	ug/l #	16
43) Isopropyl Acetate	8.677	43	23645	3.370	ug/l #	52
71) Bromoform	12.576	173	67	0.736	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	92540	30.193	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	92540	70.621	ug/l #	12

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

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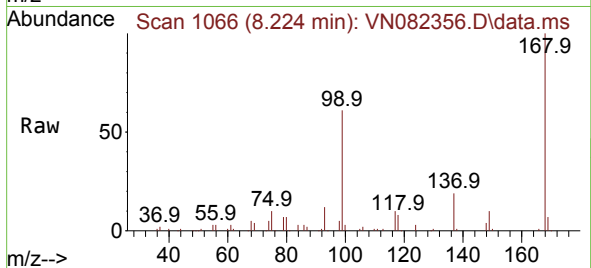
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
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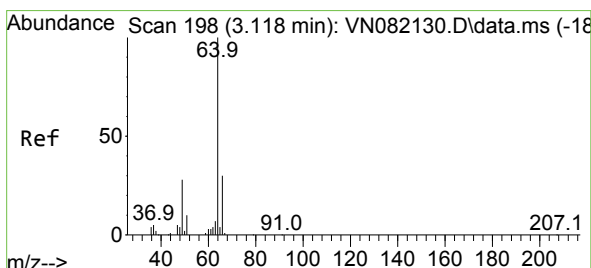
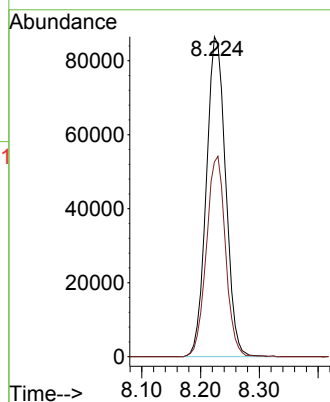
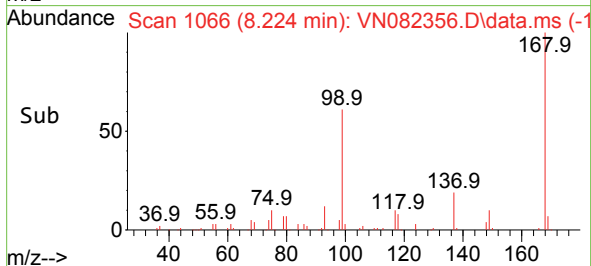


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :

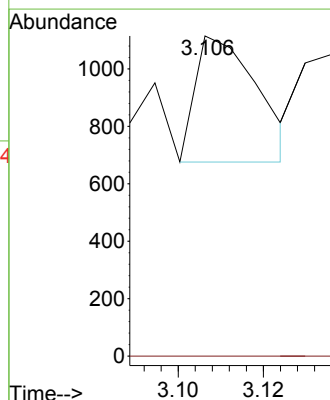
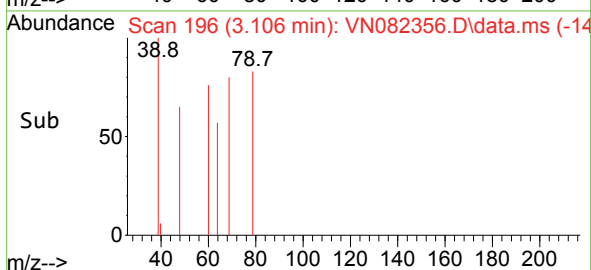
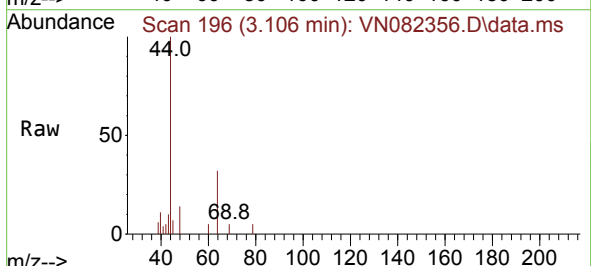


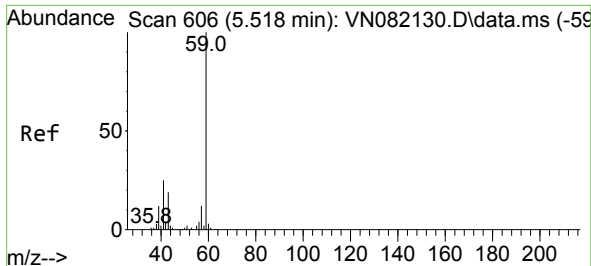
Tgt Ion:168 Resp: 196892
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#6
Chloroethane
Concen: 0.224 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

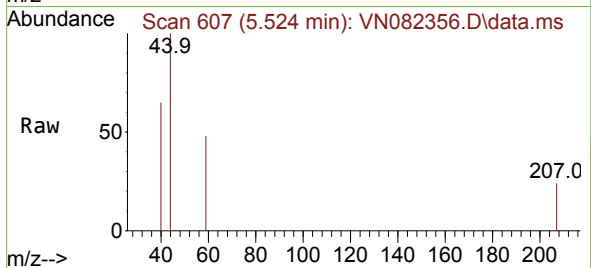
Tgt Ion: 64 Resp: 442
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



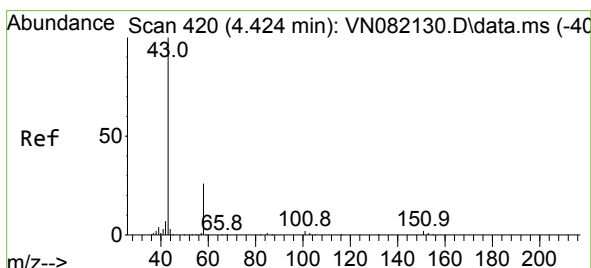
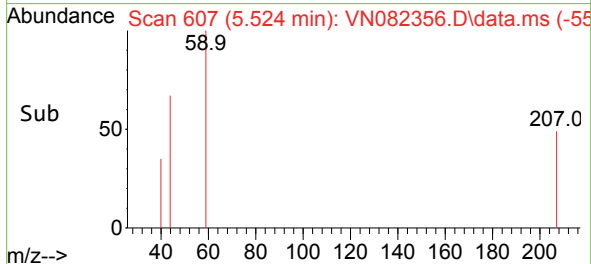
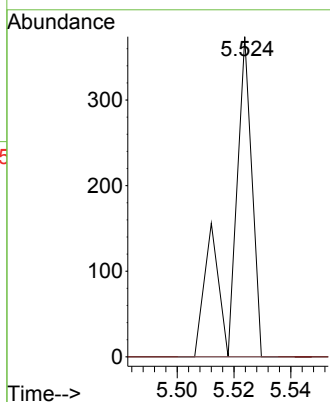


#11
Tert butyl alcohol
Concen: 0.375 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :

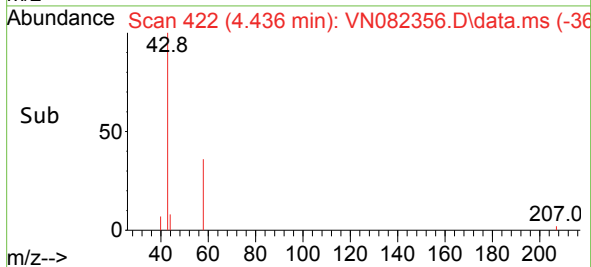
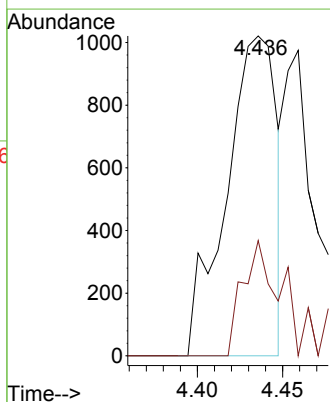
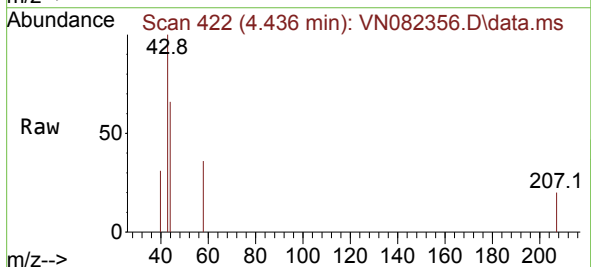


Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 1.650 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

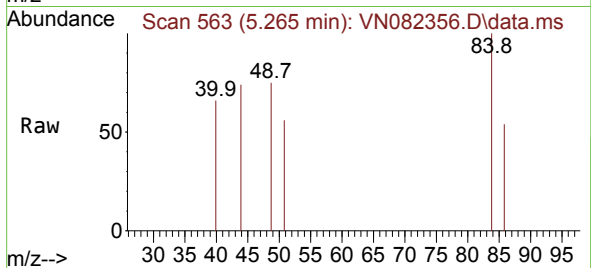
Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 36.0 25.2 37.8



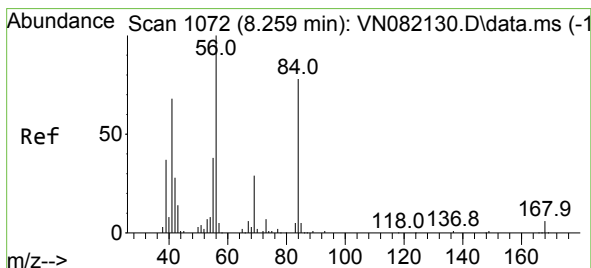
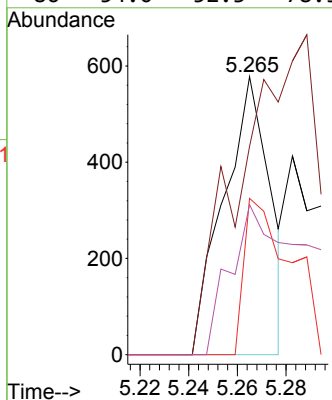


#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :

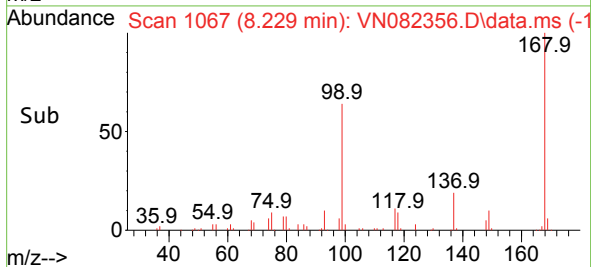
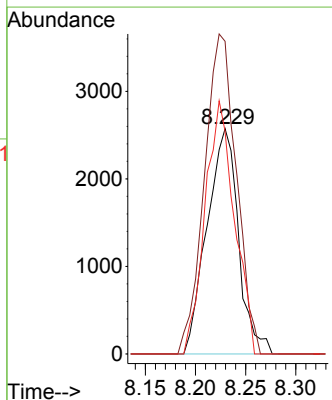
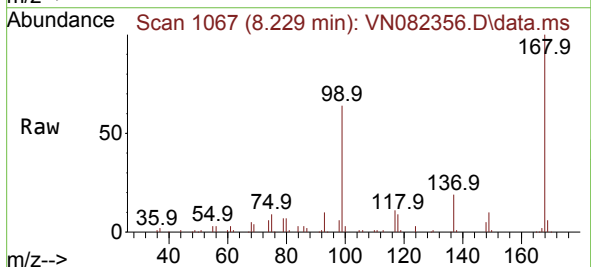


Tgt Ion: 84	Resp: 762
Ion Ratio	Lower Upper
84 100	
49 74.9	84.9 127.3#
51 56.2	27.0 40.6#
86 54.0	52.3 78.5



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

Tgt Ion: 56	Resp: 5599
Ion Ratio	Lower Upper
56 100	
69 138.8	24.4 36.6#
84 98.8	77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 49.557 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082356.D

Acq: 28 May 2024 18:56

Instrument :

MSVOA_N

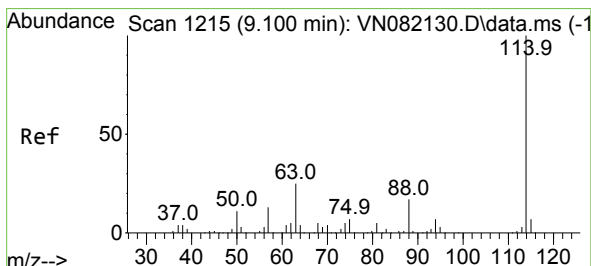
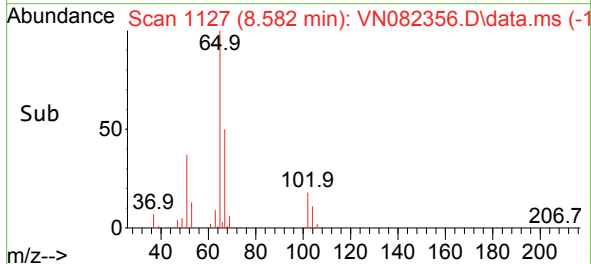
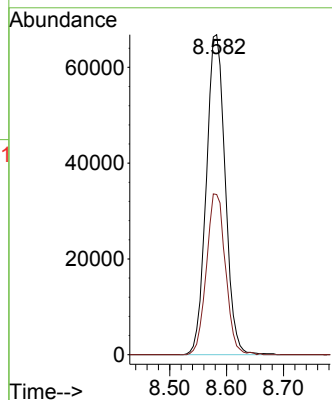
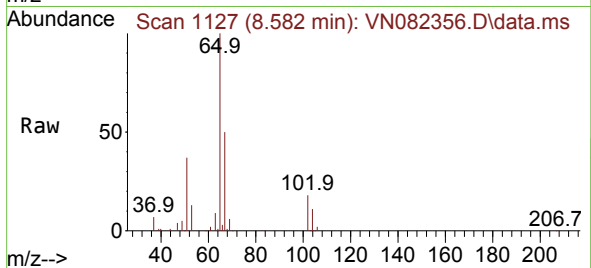
ClientSampleId :

Tgt Ion: 65 Resp: 154070

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082356.D

Acq: 28 May 2024 18:56

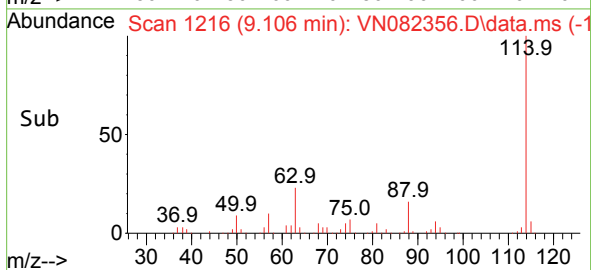
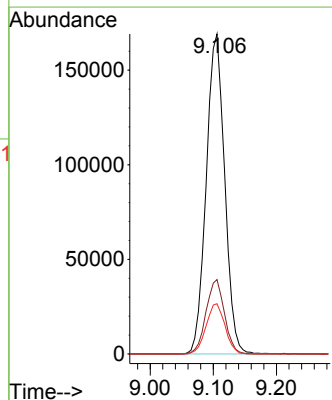
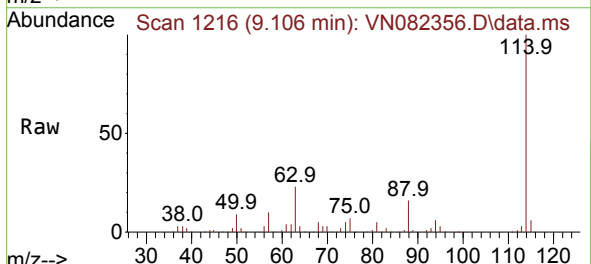
Tgt Ion: 114 Resp: 342918

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

88 15.7 0.0 31.4

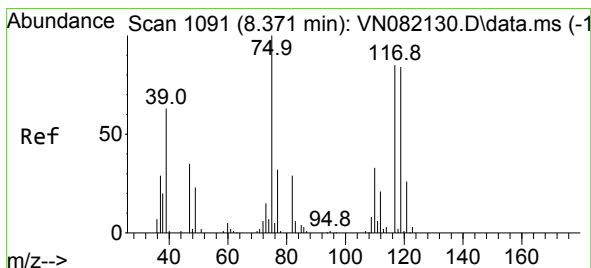
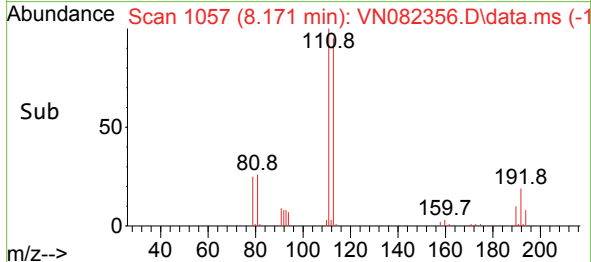
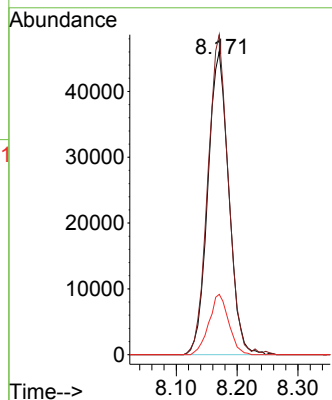
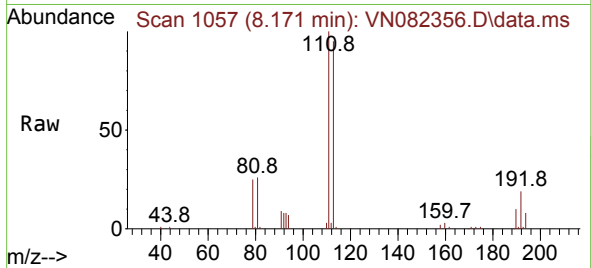




#35
 Dibromofluoromethane
 Concen: 52.063 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082356.D
 Acq: 28 May 2024 18:56

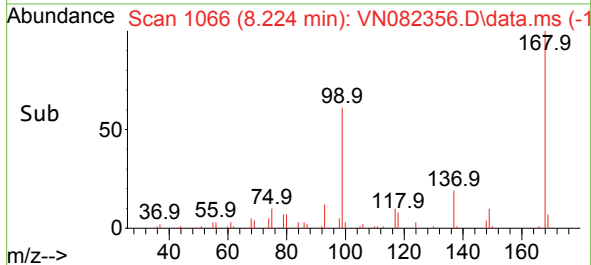
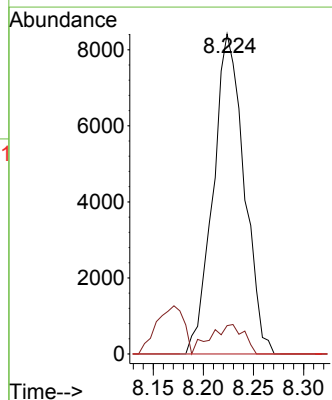
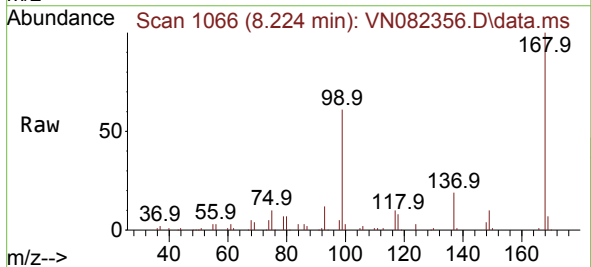
Instrument :
 MSVOA_N
 ClientSampleId :

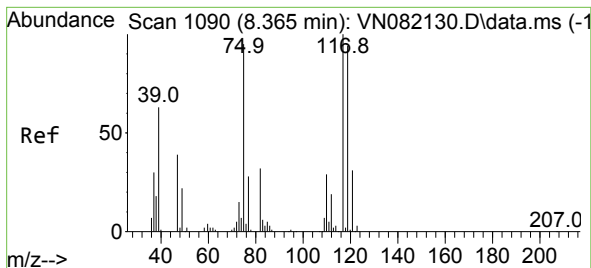
Tgt Ion:113 Resp: 109825
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.2
 192 18.8 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.110 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082356.D
 Acq: 28 May 2024 18:56

Tgt Ion: 75 Resp: 18080
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.8 53.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.697 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.135 min

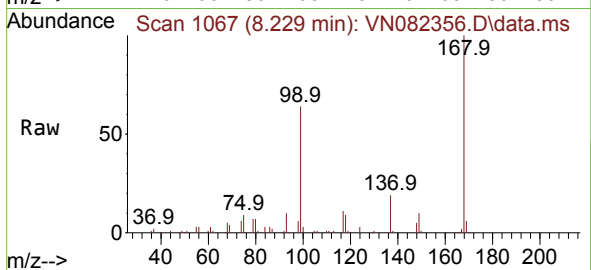
Lab File: VN082356.D

Acq: 28 May 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :



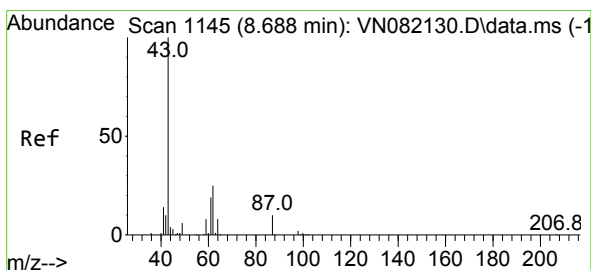
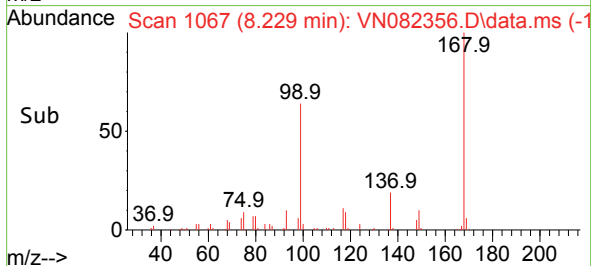
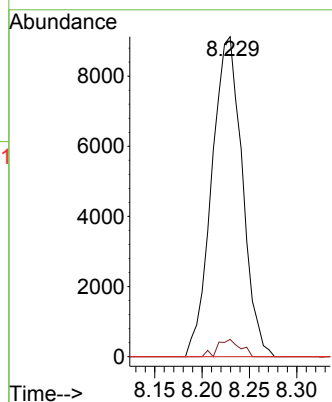
Tgt Ion:117 Resp: 20433

Ion Ratio Lower Upper

117 100

119 5.4 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 3.370 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN082356.D

Acq: 28 May 2024 18:56

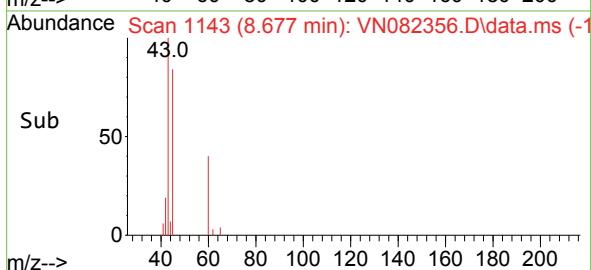
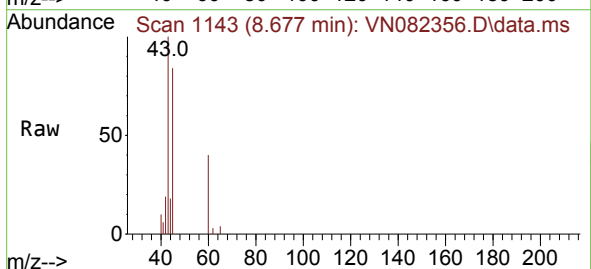
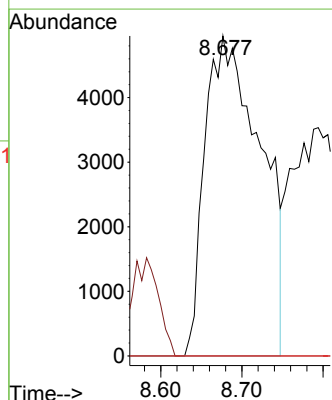
Tgt Ion: 43 Resp: 23645

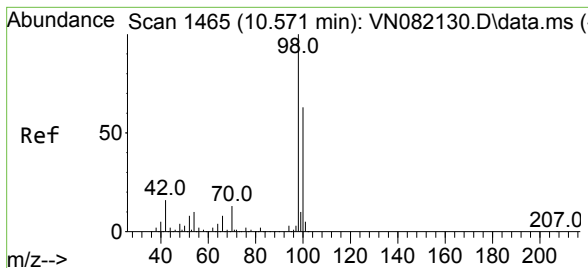
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

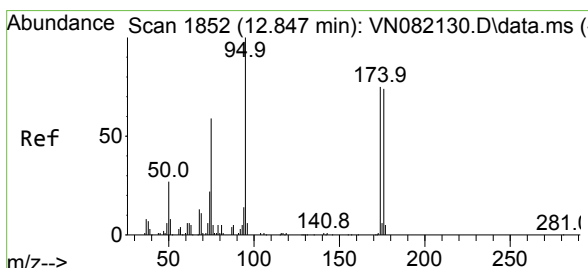
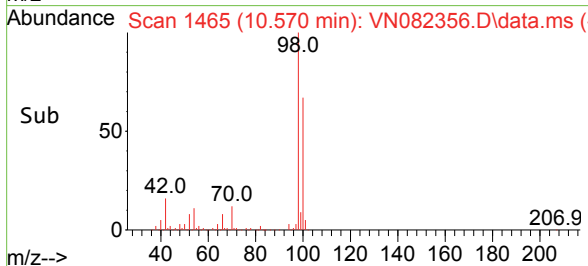
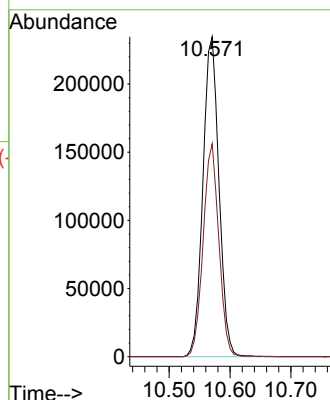
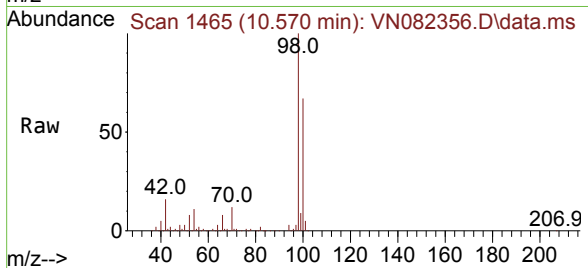




#50
Toluene-d8
Concen: 53.107 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

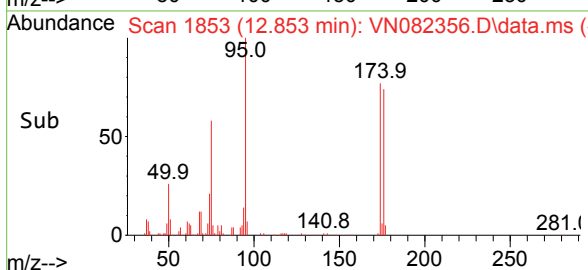
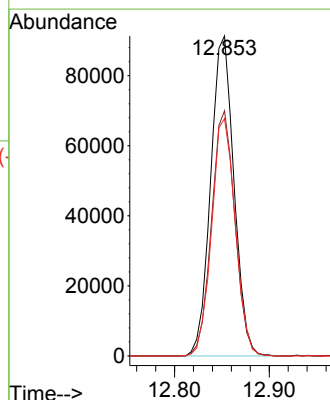
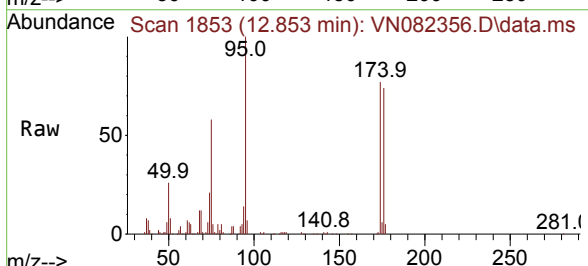
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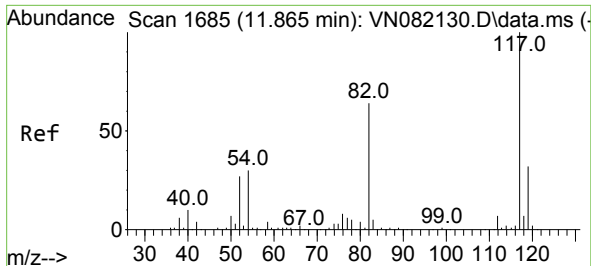
Tgt Ion: 98 Resp: 429503
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.005 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

Tgt Ion: 95 Resp: 155893
Ion Ratio Lower Upper
95 100
174 77.0 0.0 160.6
176 75.3 0.0 152.8

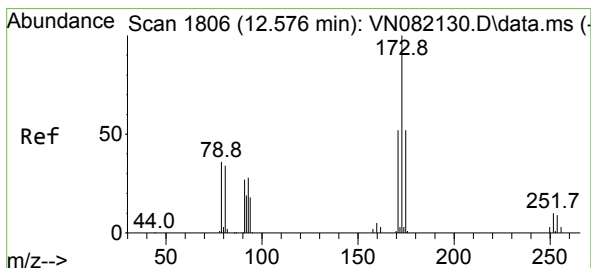
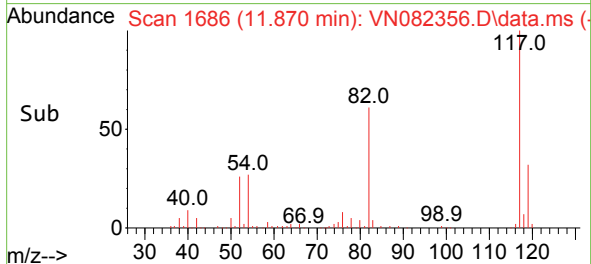
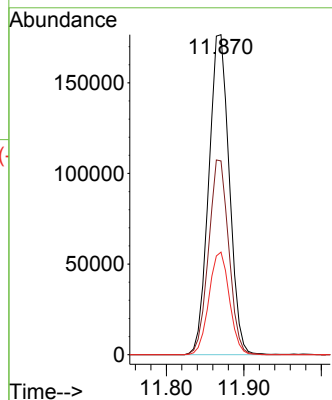
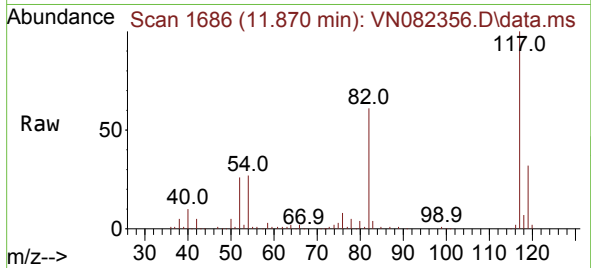




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

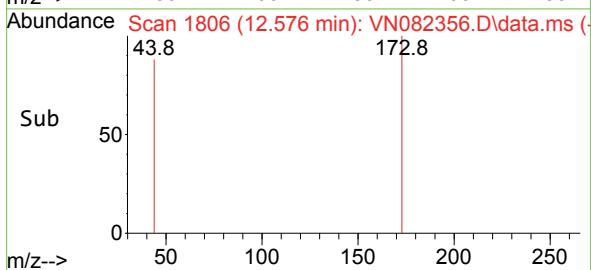
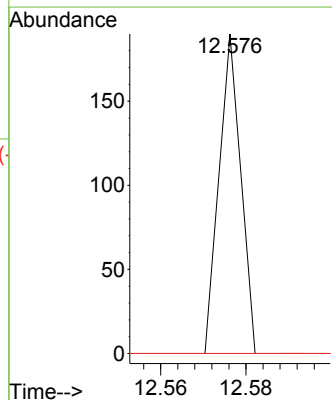
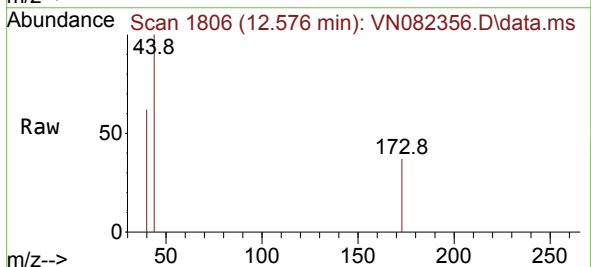
Instrument :
MSVOA_N
ClientSampleId :

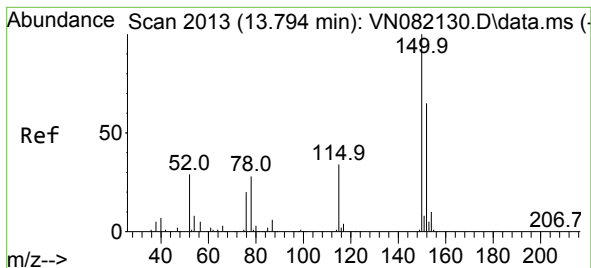
Tgt Ion:117 Resp: 325151
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 32.1 25.9 38.9



#71
Bromoform
Concen: 0.736 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

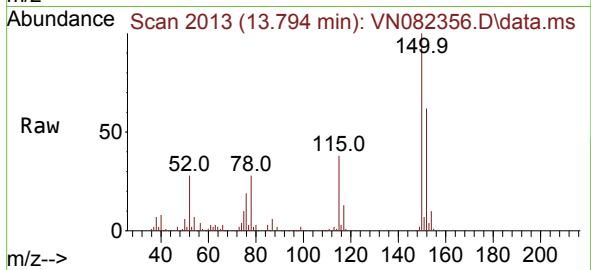
Tgt Ion:173 Resp: 67
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



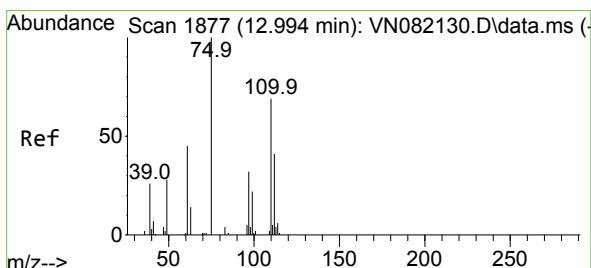
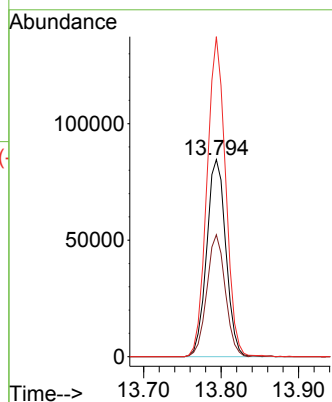
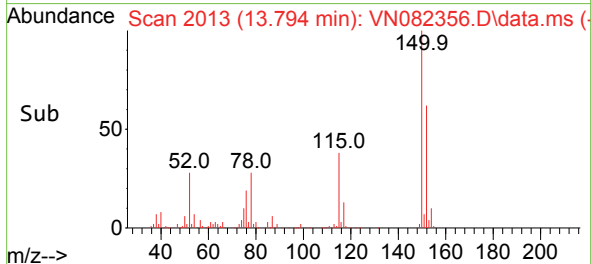


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :

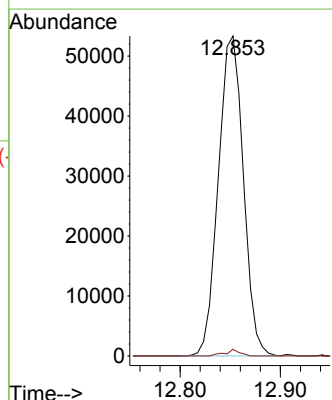
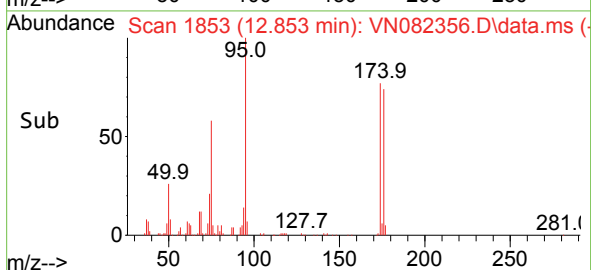
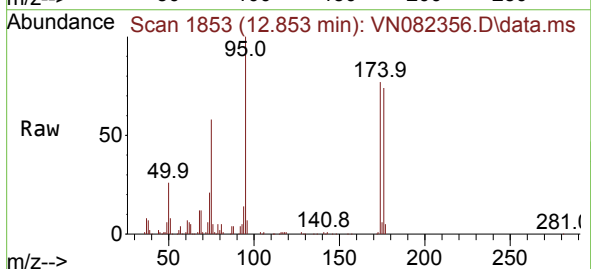


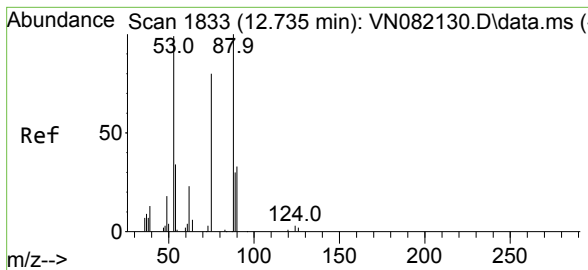
Tgt Ion:152 Resp: 145618
Ion Ratio Lower Upper
152 100
115 59.6 30.4 91.3
150 157.2 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 30.193 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082356.D
Acq: 28 May 2024 18:56

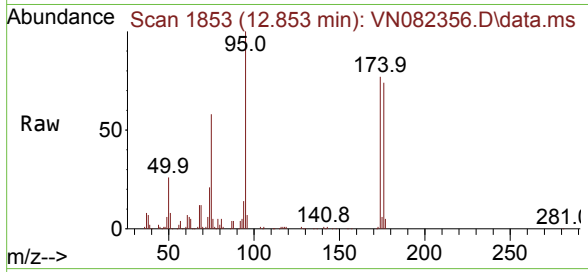
Tgt Ion: 75 Resp: 92540
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.621 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VN082356.D
 Acq: 28 May 2024 18:56

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 92540
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

