

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082042.D
 Acq On : 09 May 2024 11:37
 Operator : JC\MD
 Sample : VN0509WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 03:48:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	145589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130165	52.974	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.940%
35) Dibromofluoromethane	8.171	113	90861	48.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.565	98	390994	53.249	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.847	95	132006	45.478	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.960%

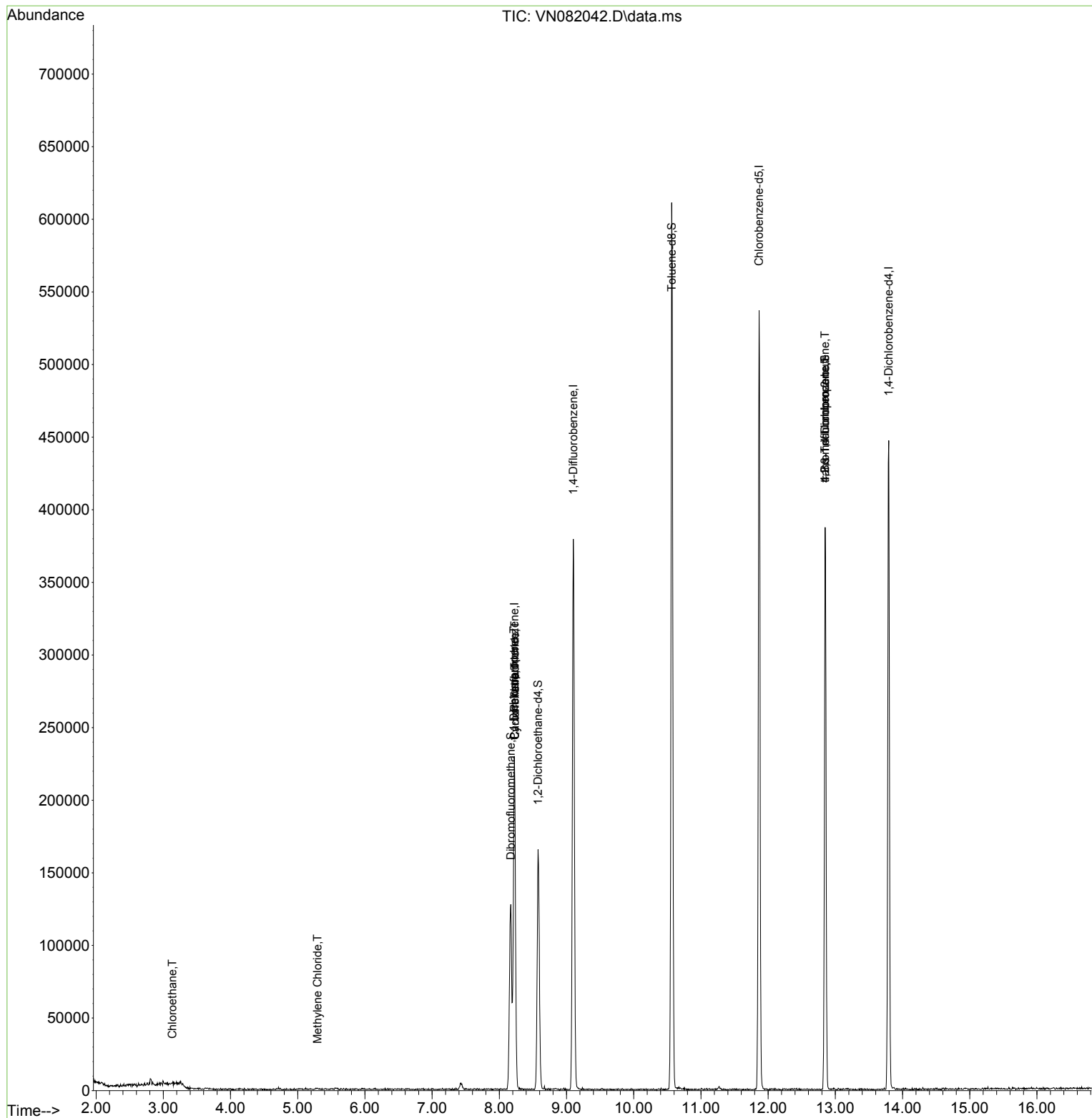
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.930	94	111	Below Cal	#	3
6) Chloroethane	3.136	64	276	0.283	ug/l #	44
13) Acrolein	4.183	56	70	Below Cal	#	15
16) Acetone	4.424	43	55	Below Cal	#	43
20) Methylene Chloride	5.295	84	641	0.304	ug/l #	34
31) Cyclohexane	8.230	56	5534	1.495	ug/l #	42
36) 1,1-Dichloropropene	8.218	75	16581	5.451	ug/l #	47
38) Carbon Tetrachloride	8.230	117	16427	5.526	ug/l #	16
76) 1,2,3-Trichloropropane	12.847	75	75688	27.636	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75688	56.630	ug/l #	12

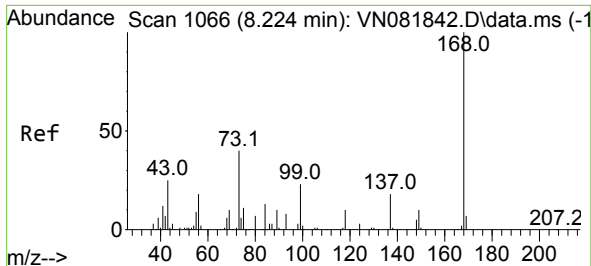
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
Data File : VN082042.D
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Sample : VN0509WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 10 03:48:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

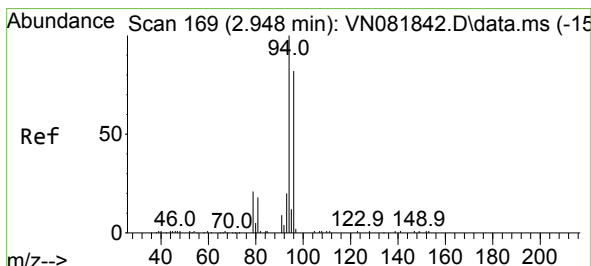
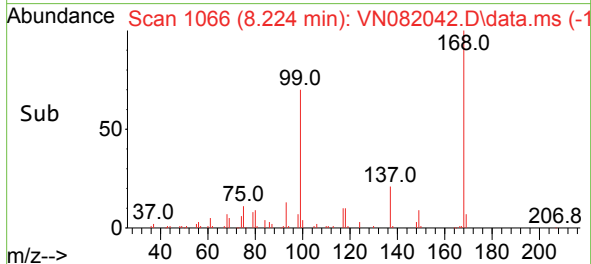
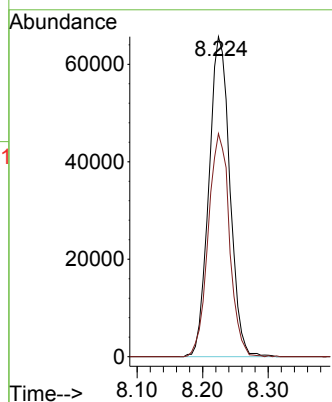
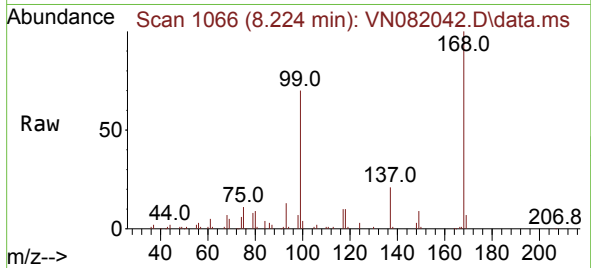




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

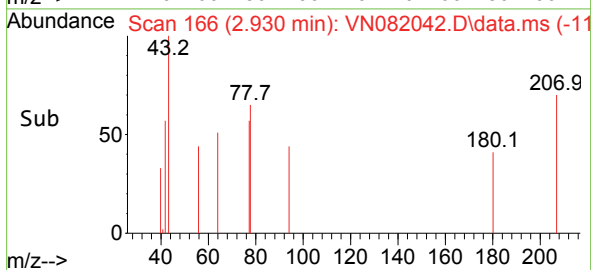
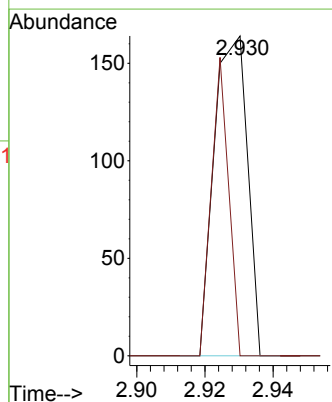
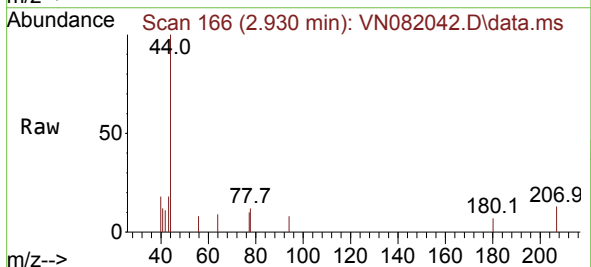
Instrument :
MSVOA_N
ClientSampleId :

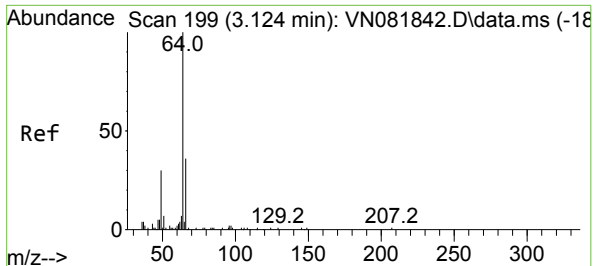
Tgt Ion:168 Resp: 145589
Ion Ratio Lower Upper
168 100
99 69.7 48.2 72.4



#5
Bromomethane
Concen: Below Cal
RT: 2.930 min Scan# 166
Delta R.T. -0.018 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

Tgt Ion: 94 Resp: 111
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

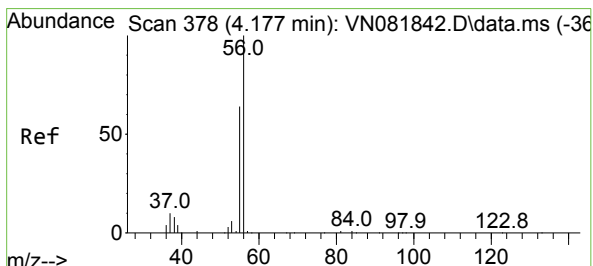
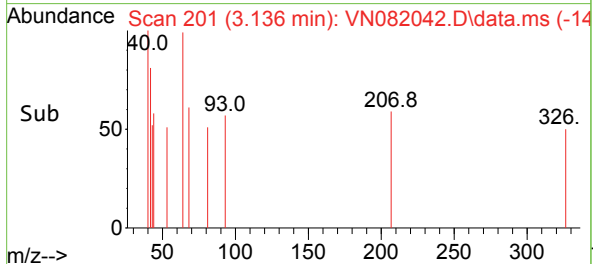
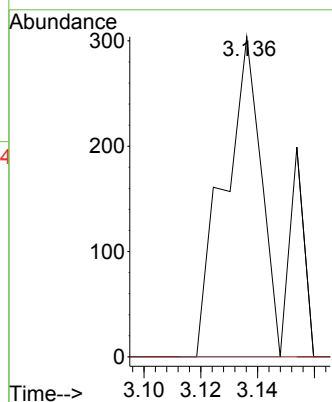
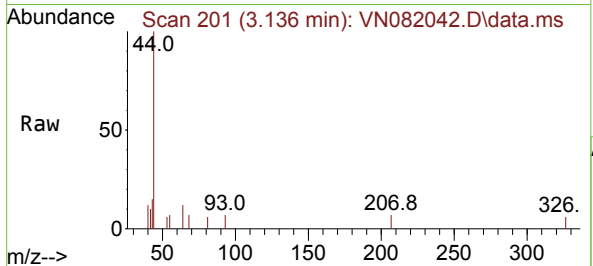




#6
Chloroethane
Concen: 0.283 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

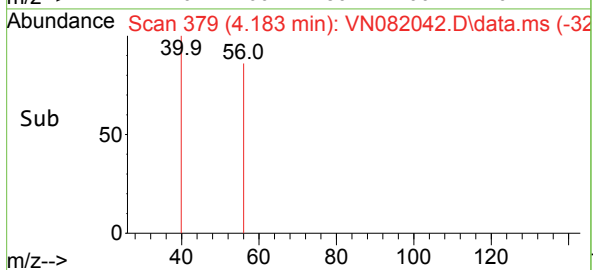
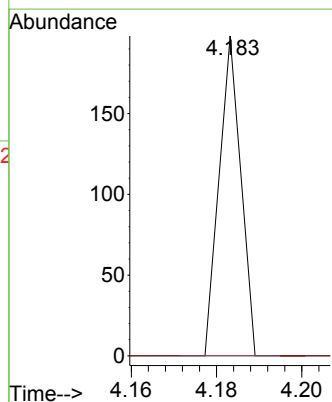
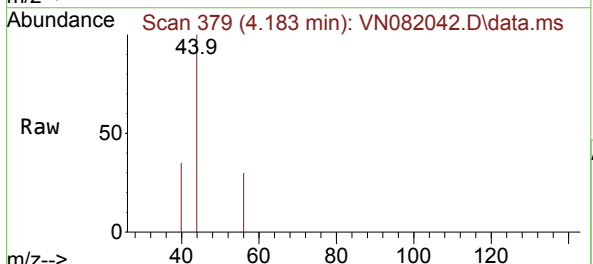
Instrument :
MSVOA_N
ClientSampleId :

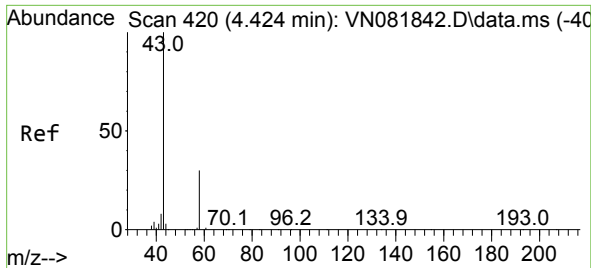
Tgt Ion: 64 Resp: 276
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

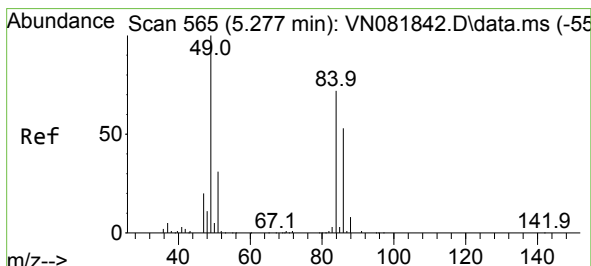
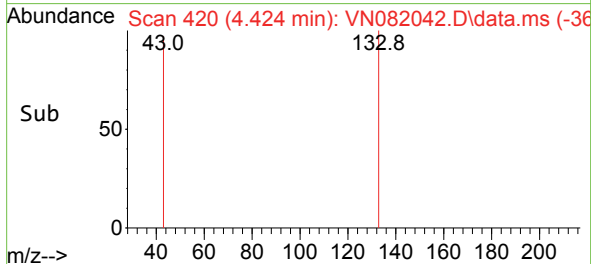
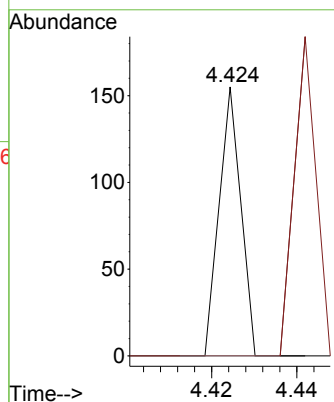
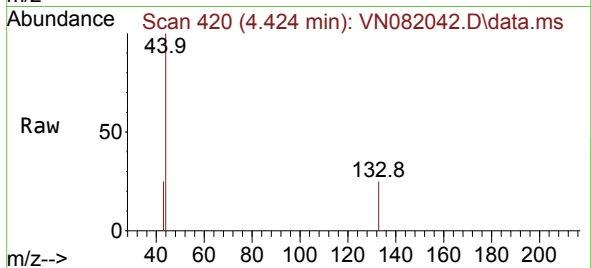




#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

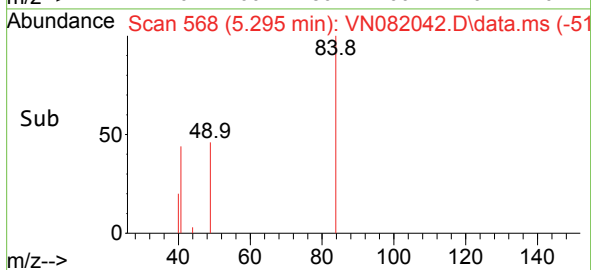
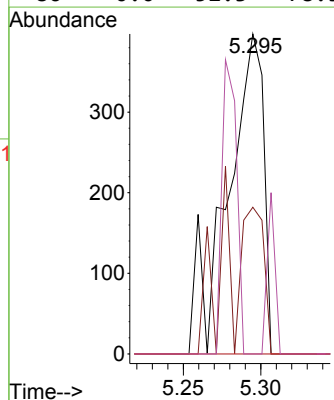
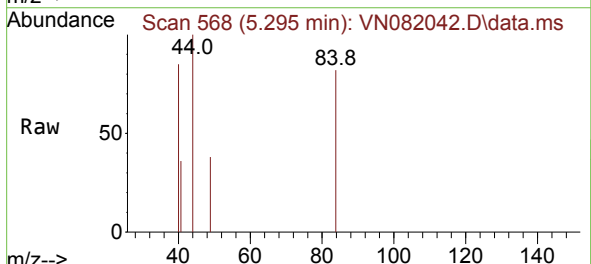
Instrument :
MSVOA_N
ClientSampleId :

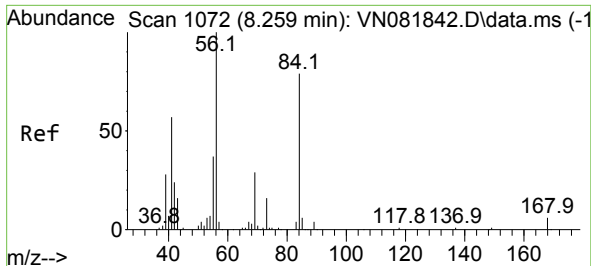
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 0.304 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.018 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

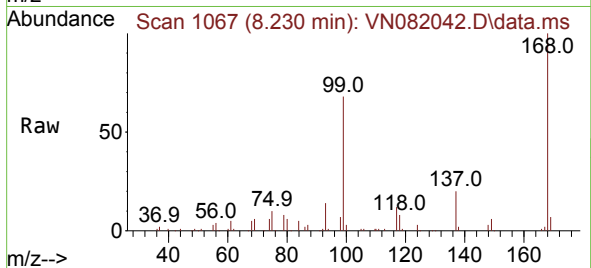
Tgt Ion: 84 Resp: 641
Ion Ratio Lower Upper
84 100
49 45.8 84.9 127.3#
51 0.0 27.0 40.6#
86 0.0 52.3 78.5#



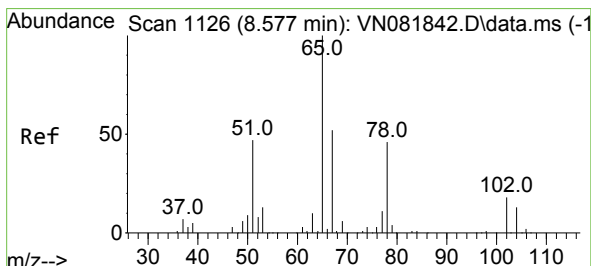
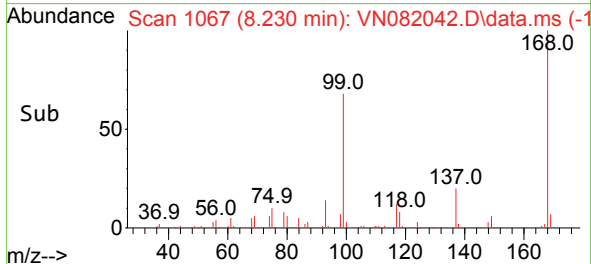
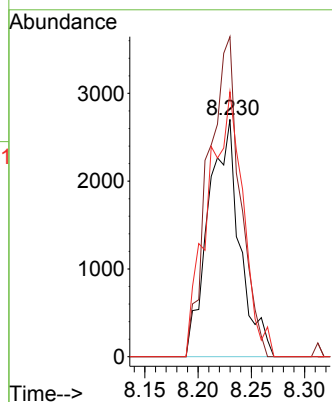


#31
Cyclohexane
Concen: 1.495 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :

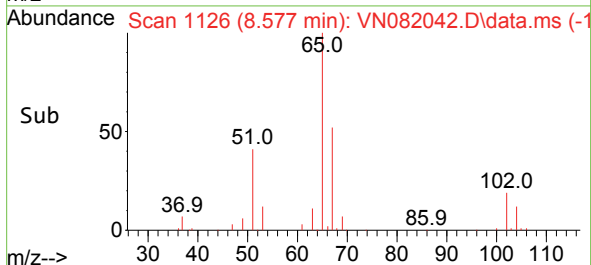
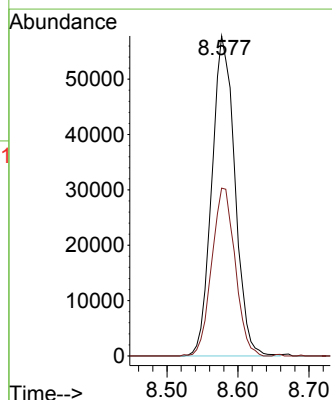
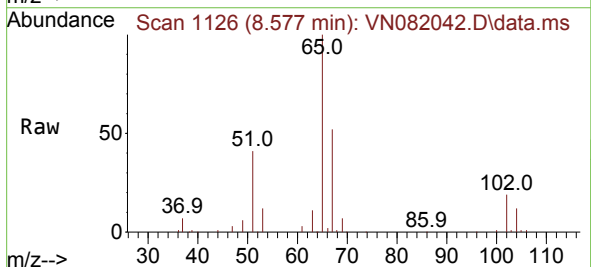


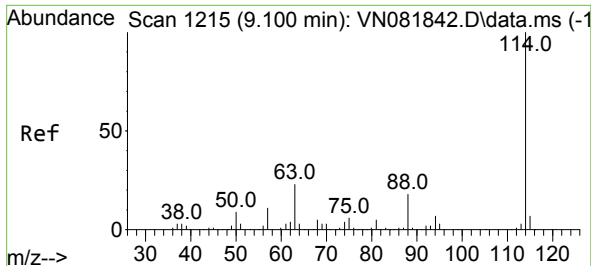
Tgt Ion: 56 Resp: 5534
Ion Ratio Lower Upper
56 100
69 134.9 24.4 36.6#
84 111.7 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.974 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

Tgt Ion: 65 Resp: 130165
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082042.D

Acq: 09 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

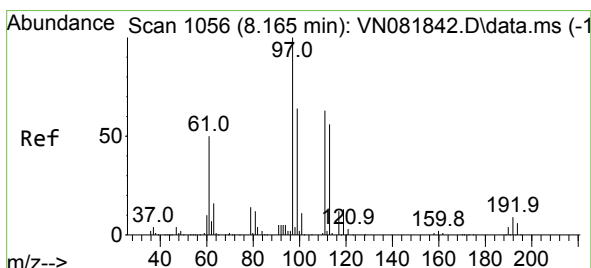
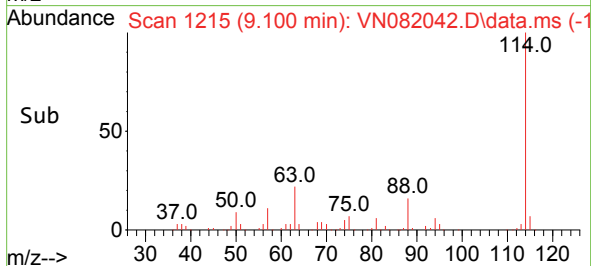
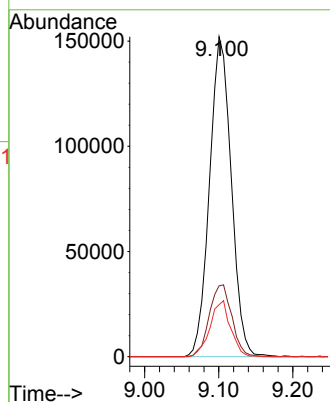
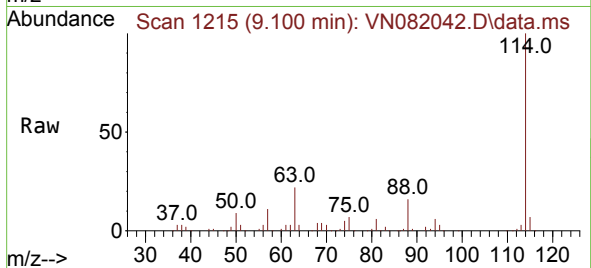
Tgt Ion:114 Resp: 310524

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.599 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082042.D

Acq: 09 May 2024 11:37

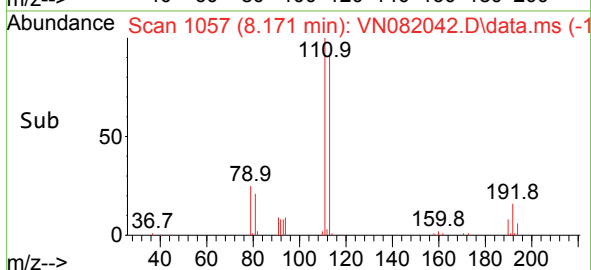
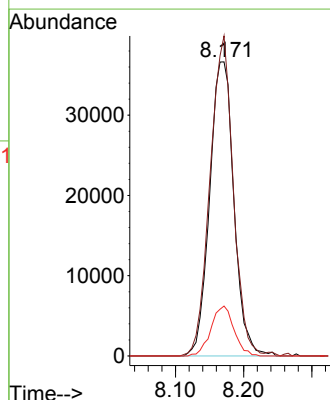
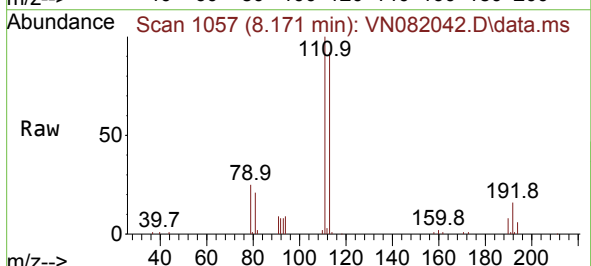
Tgt Ion:113 Resp: 90861

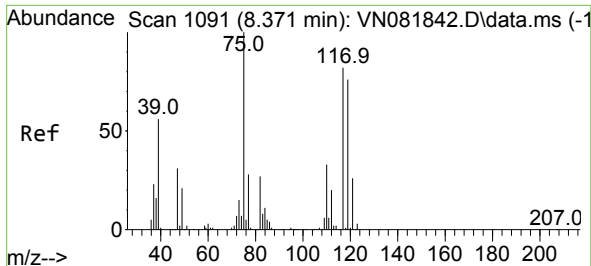
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 16.1 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.451 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

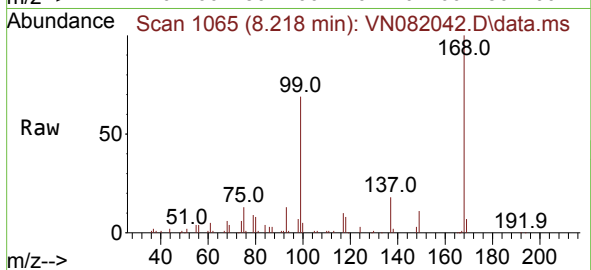
Lab File: VN082042.D

Acq: 09 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :



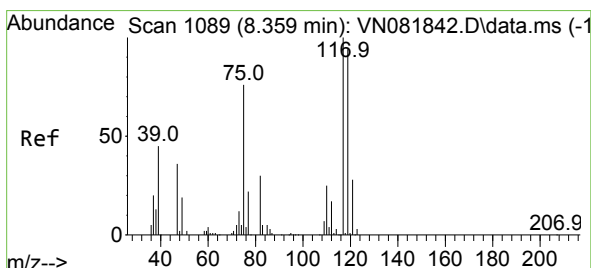
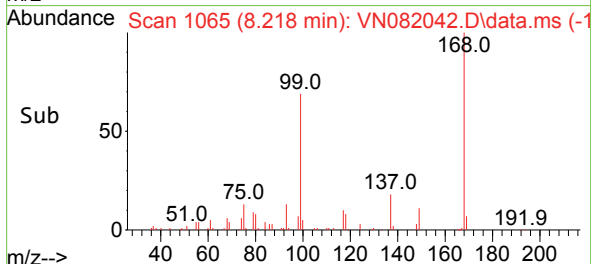
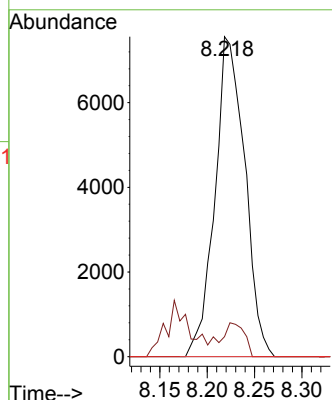
Tgt Ion: 75 Resp: 16581

Ion Ratio Lower Upper

75 100

110 6.8 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.526 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN082042.D

Acq: 09 May 2024 11:37

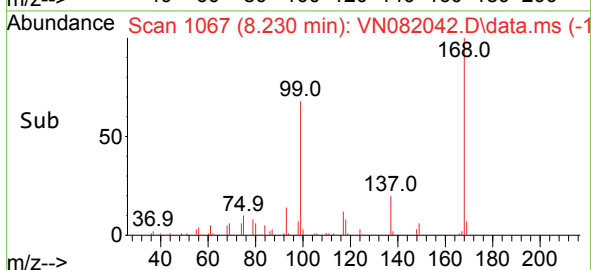
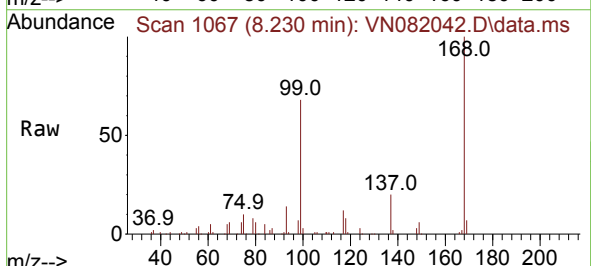
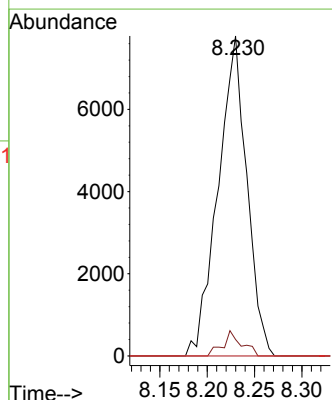
Tgt Ion: 117 Resp: 16427

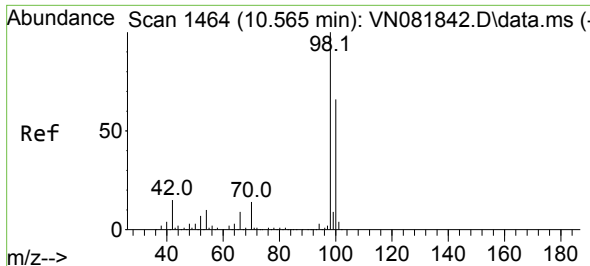
Ion Ratio Lower Upper

117 100

119 5.1 76.5 114.7#

121 0.0 23.9 35.9#

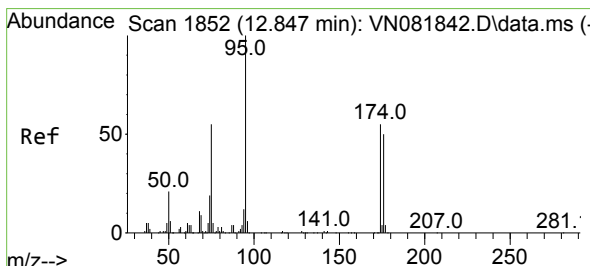
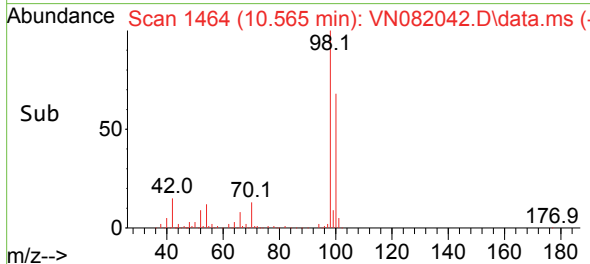
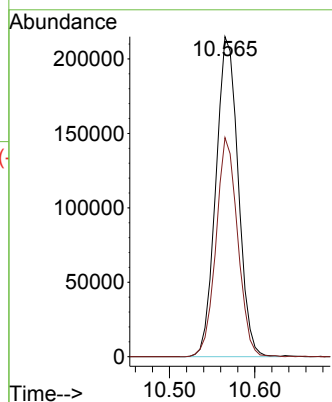
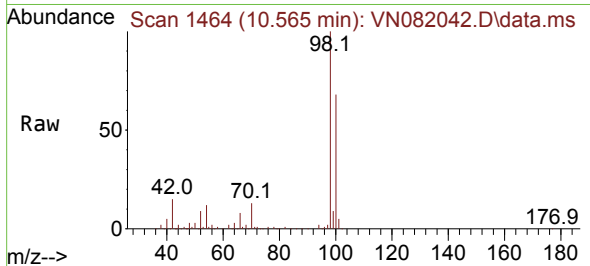




#50
Toluene-d8
Concen: 53.249 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

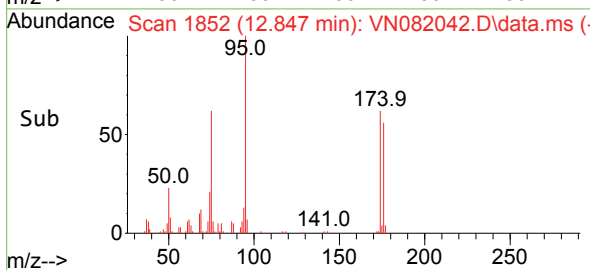
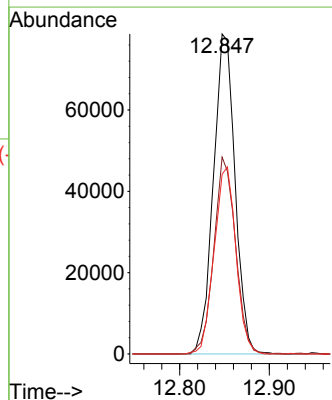
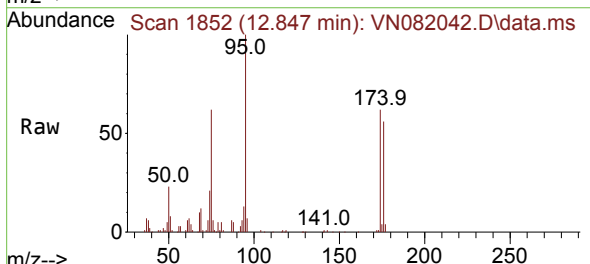
Instrument :
MSVOA_N
ClientSampleId :

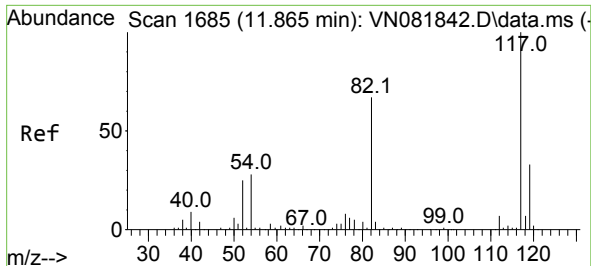
Tgt Ion: 98 Resp: 390994
Ion Ratio Lower Upper
98 100
100 66.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.478 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

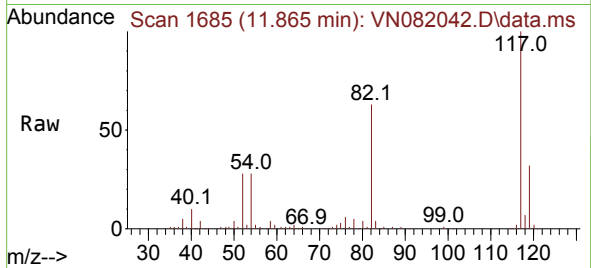
Tgt Ion: 95 Resp: 132006
Ion Ratio Lower Upper
95 100
174 61.5 0.0 160.6
176 58.9 0.0 152.8



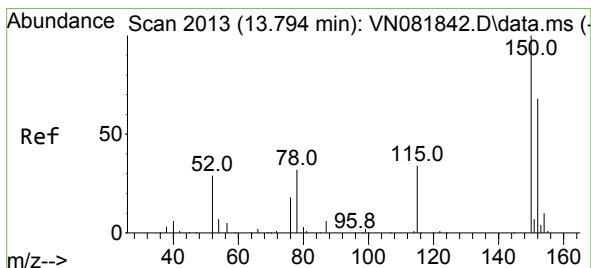
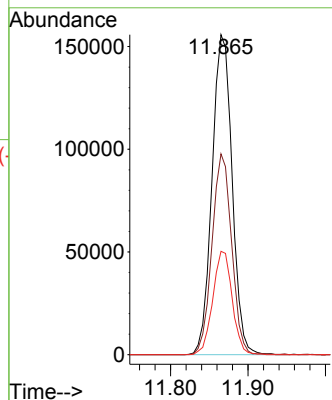
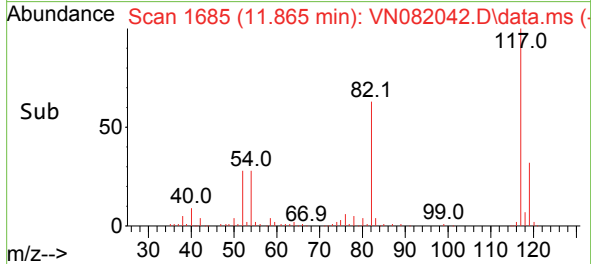


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

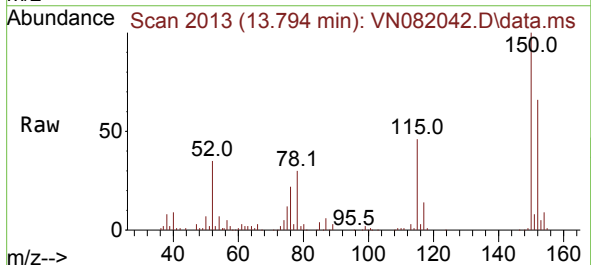
Instrument :
MSVOA_N
ClientSampleId :



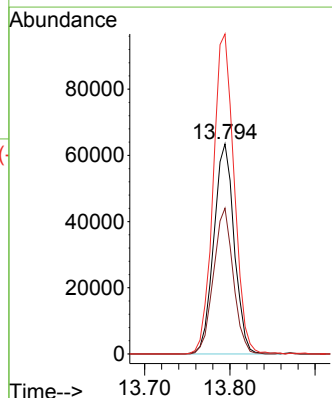
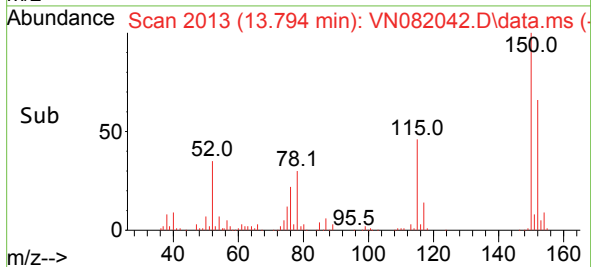
Tgt Ion:117 Resp: 280278
Ion Ratio Lower Upper
117 100
82 62.8 44.6 66.8
119 32.3 25.9 38.9

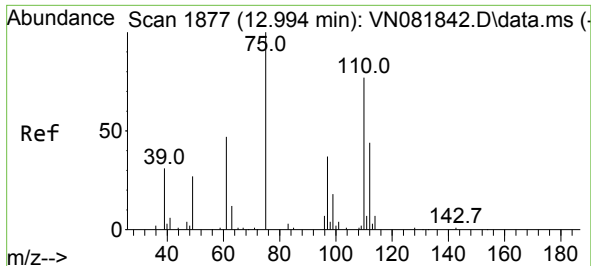


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37



Tgt Ion:152 Resp: 105629
Ion Ratio Lower Upper
152 100
115 67.1 30.4 91.3
150 156.0 0.0 353.2

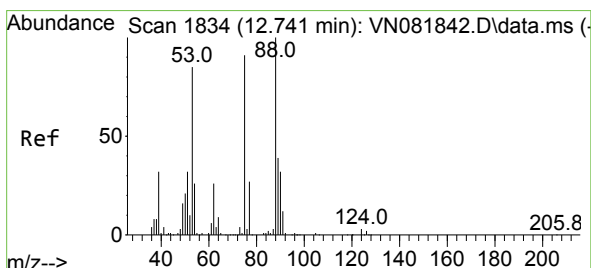
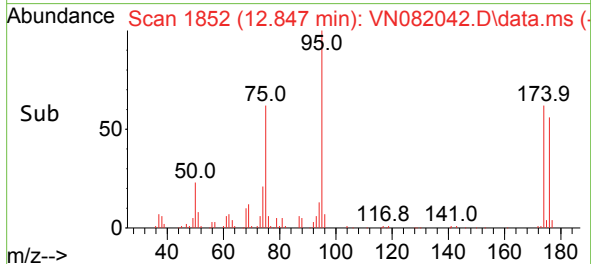
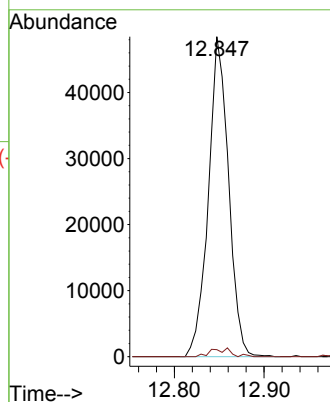
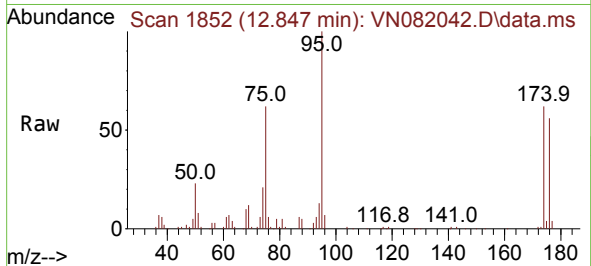




#76
1,2,3-Trichloropropane
Concen: 27.636 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 75688
Ion Ratio Lower Upper
75 100
77 2.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.630 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082042.D
Acq: 09 May 2024 11:37

Tgt Ion: 75 Resp: 75688
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#

