

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083377.D
 Acq On : 19 Aug 2024 17:04
 Operator : JC\MD
 Sample : P3646-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:48:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	134470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	101930	53.254	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.500%
35) Dibromofluoromethane	8.171	113	82919	49.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.560%
50) Toluene-d8	10.571	98	304307	48.479	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.853	95	125685	51.360	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.720%

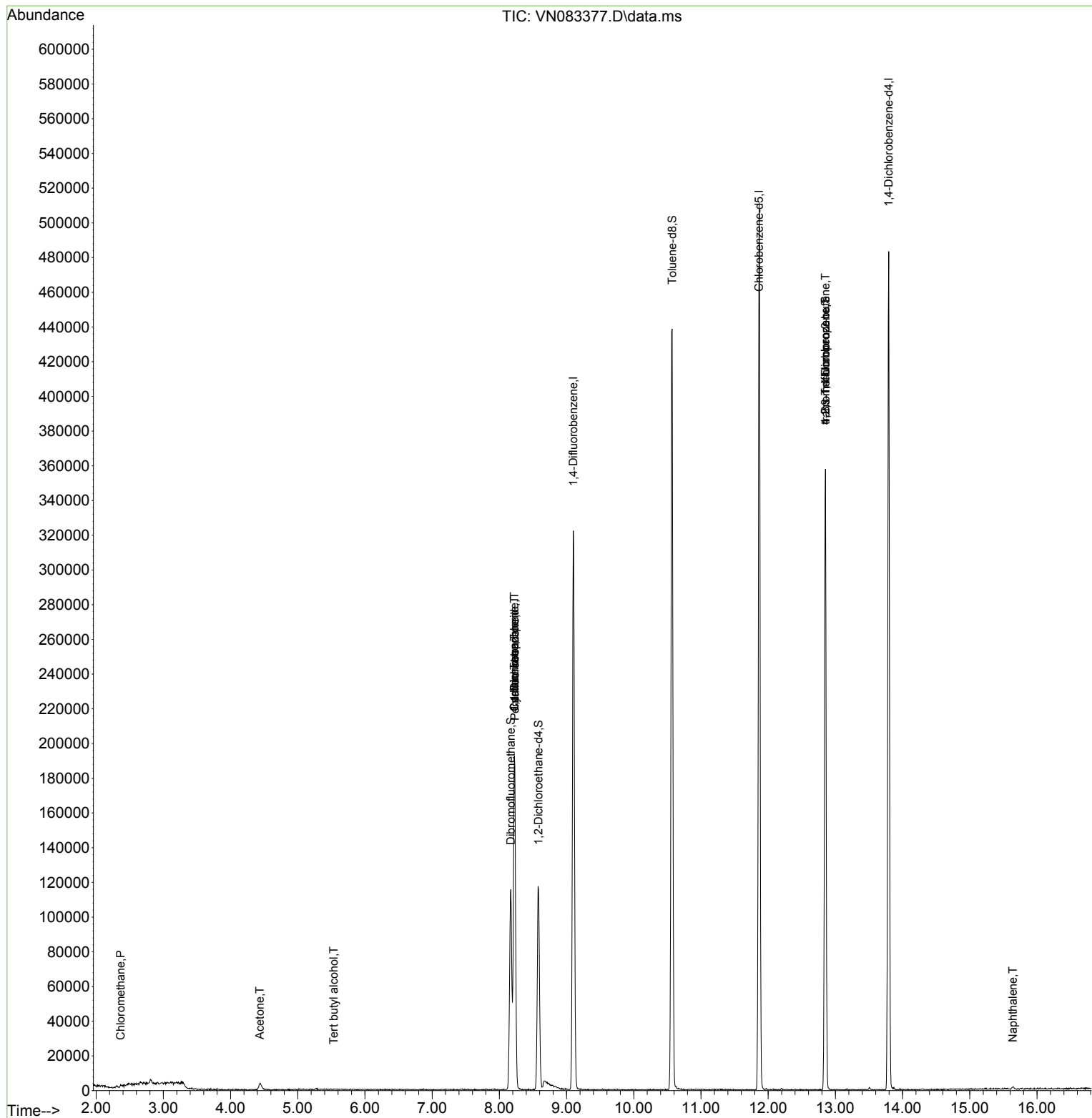
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	356	0.228	ug/l #	43
11) Tert butyl alcohol	5.536	59	140	0.352	ug/l #	71
16) Acetone	4.436	43	8122	10.844	ug/l #	87
31) Cyclohexane	8.224	56	3175	1.119	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	12231	4.805	ug/l #	52
38) Carbon Tetrachloride	8.224	117	15853	5.529	ug/l #	17
43) Isopropyl Acetate	8.671	43	5611	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.853	75	70126	25.692	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70126	55.887	ug/l #	6
95) Naphthalene	15.641	128	1972	0.236	ug/l #	69

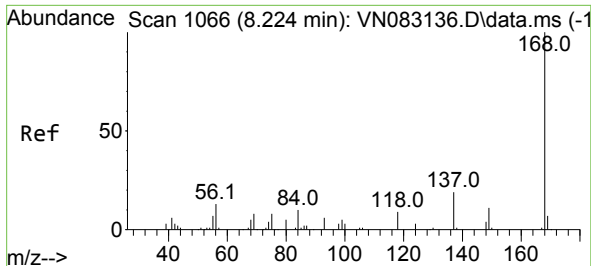
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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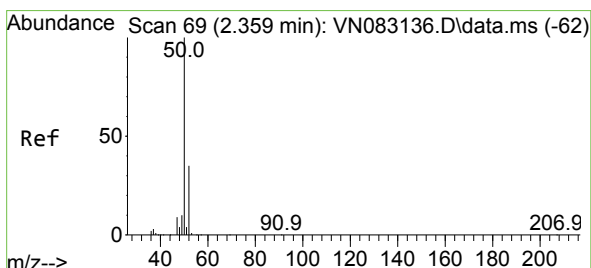
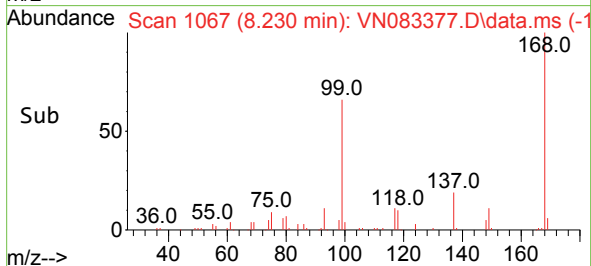
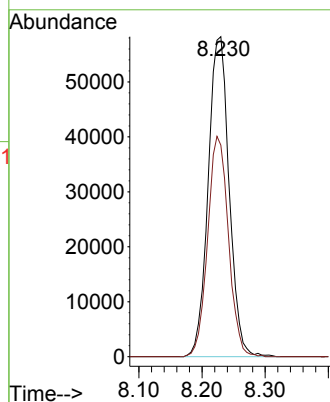
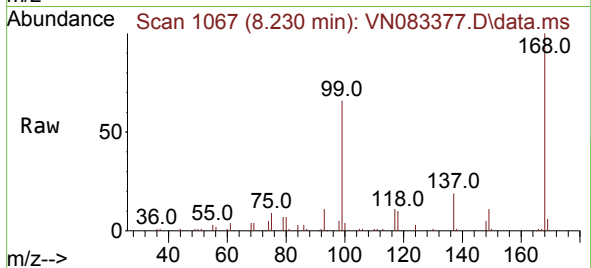




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

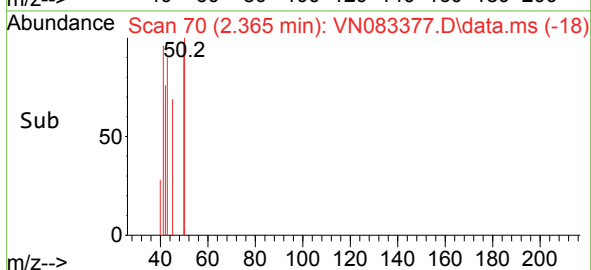
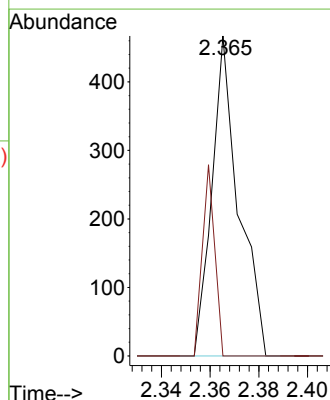
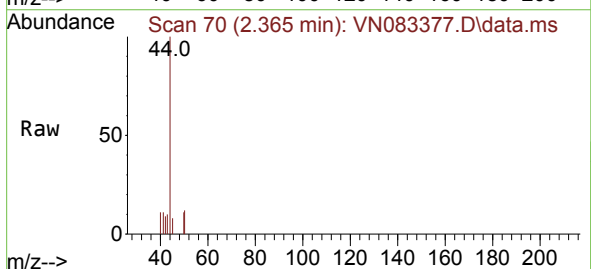
Instrument :
MSVOA_N
ClientSampleId :

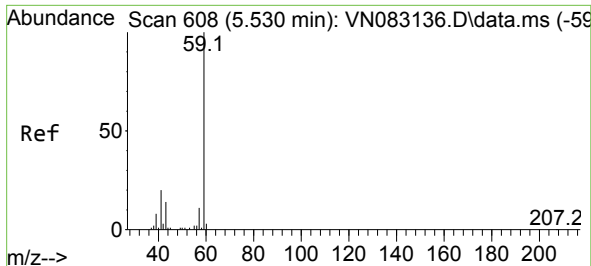
Tgt Ion:168 Resp: 134470
Ion Ratio Lower Upper
168 100
99 66.1 48.2 72.4



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

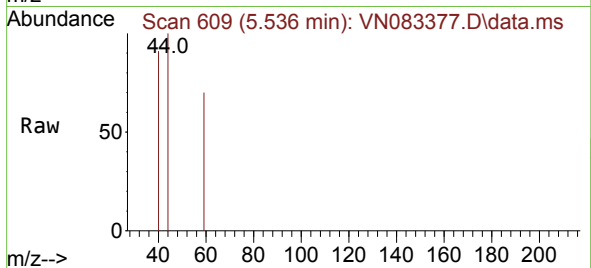
Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



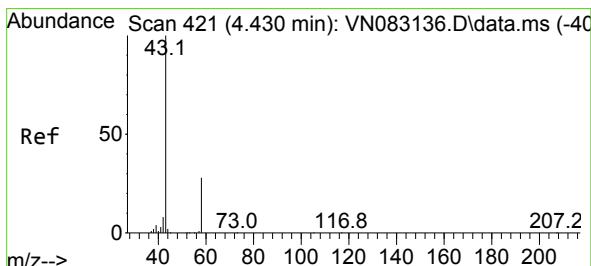
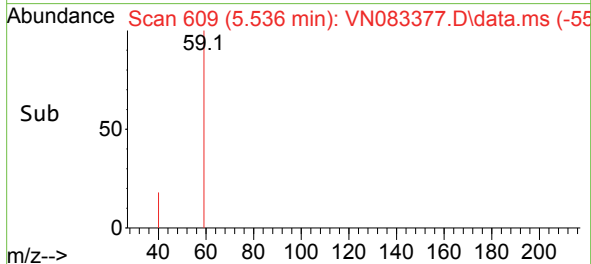
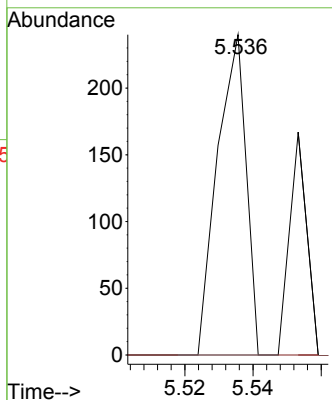


#11
Tert butyl alcohol
Concen: 0.352 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :

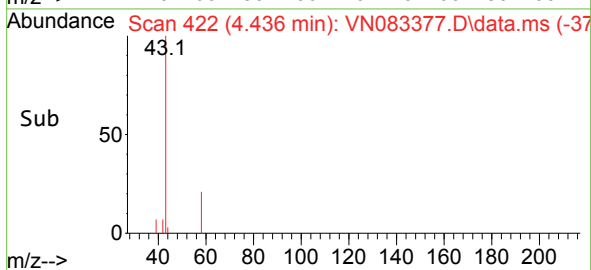
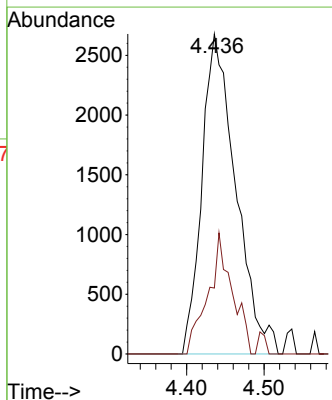
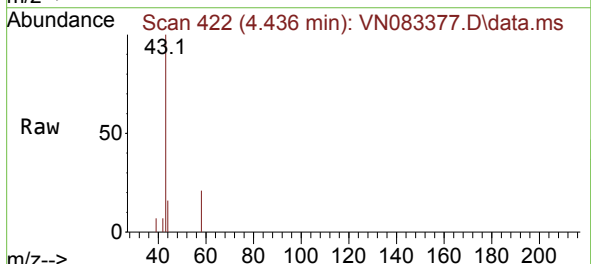


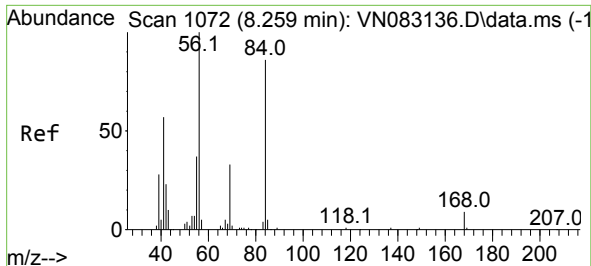
Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 10.844 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

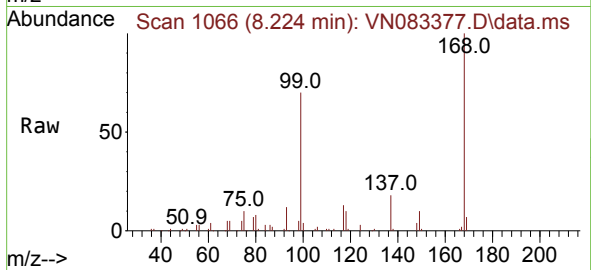
Tgt Ion: 43 Resp: 8122
Ion Ratio Lower Upper
43 100
58 20.6 21.8 32.6#



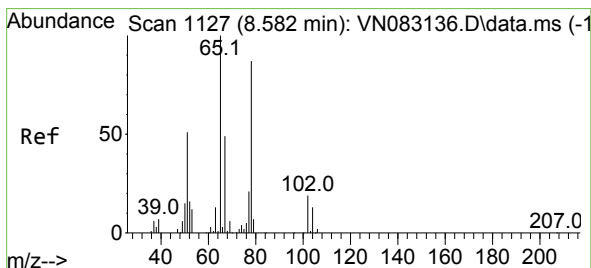
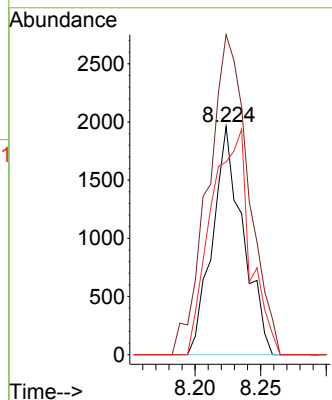
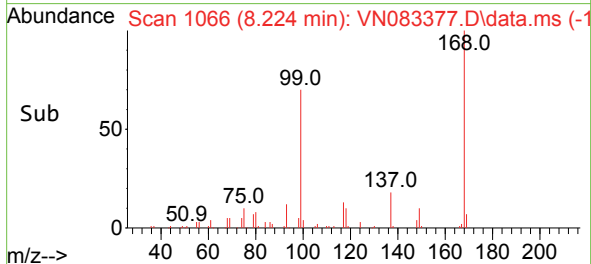


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :

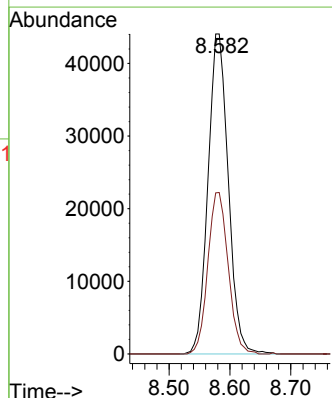
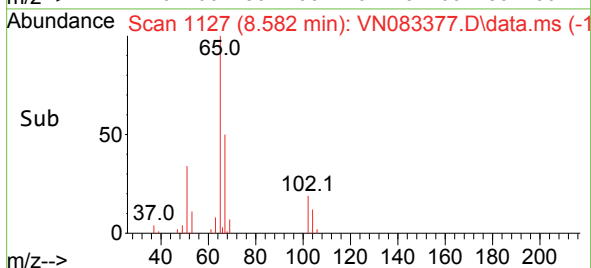
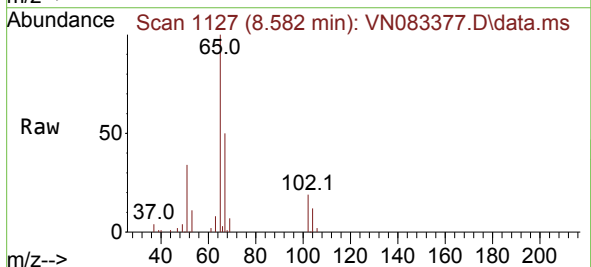


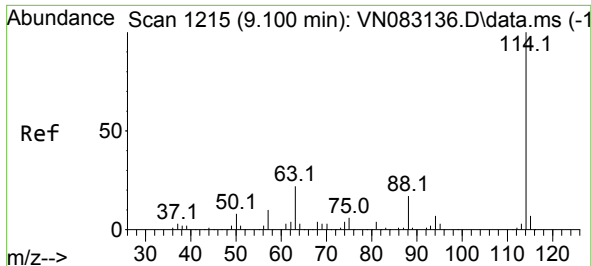
Tgt Ion: 56 Resp: 3175
Ion Ratio Lower Upper
56 100
69 140.3 24.5 36.7#
84 84.4 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 53.254 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

Tgt Ion: 65 Resp: 101930
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083377.D

Acq: 19 Aug 2024 17:04

Instrument :

MSVOA_N

ClientSampleId :

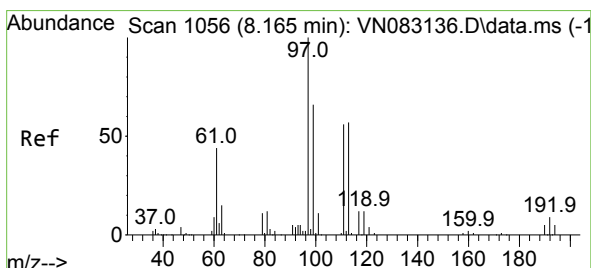
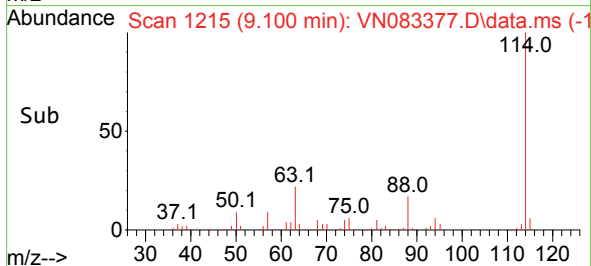
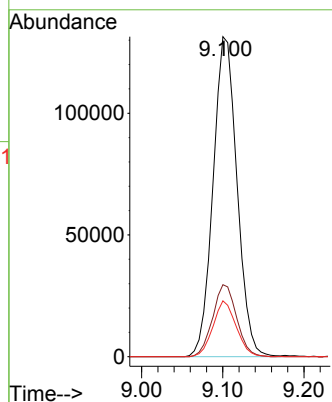
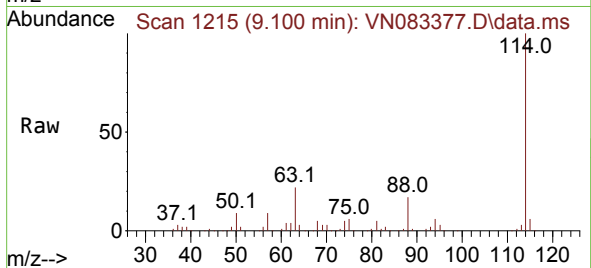
Tgt Ion:114 Resp: 269594

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 17.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.276 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083377.D

Acq: 19 Aug 2024 17:04

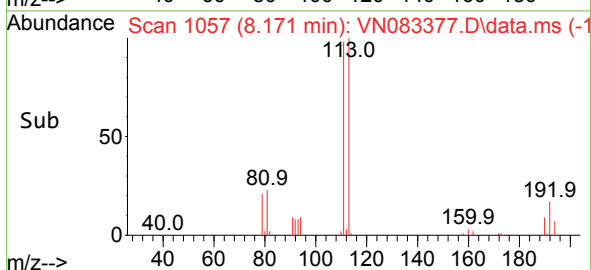
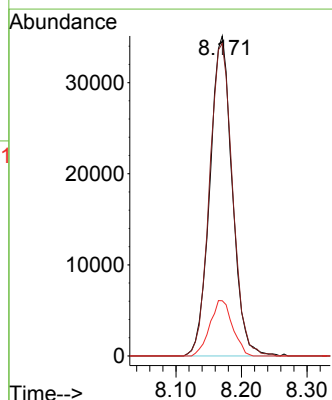
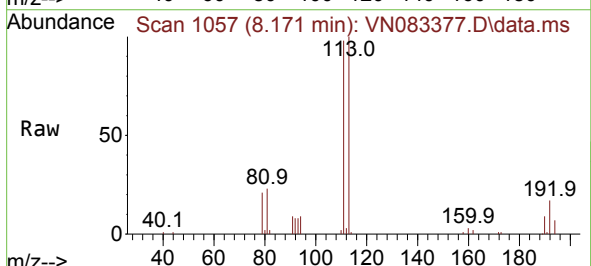
Tgt Ion:113 Resp: 82919

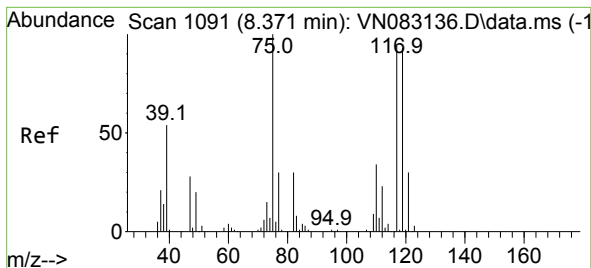
Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

192 17.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

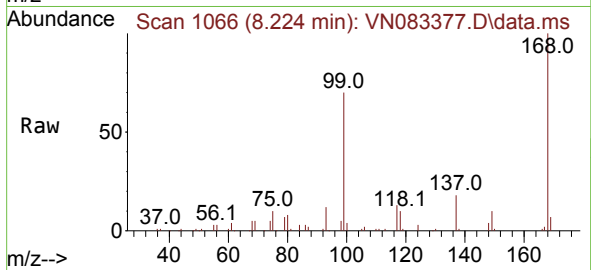
Lab File: VN083377.D

Acq: 19 Aug 2024 17:04

Instrument :

MSVOA_N

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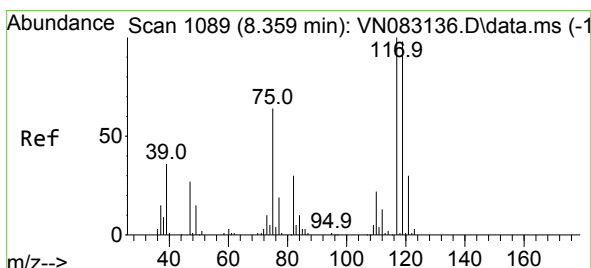
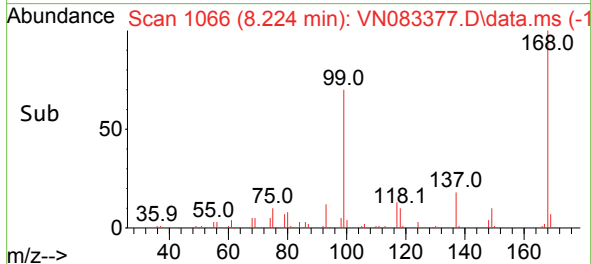
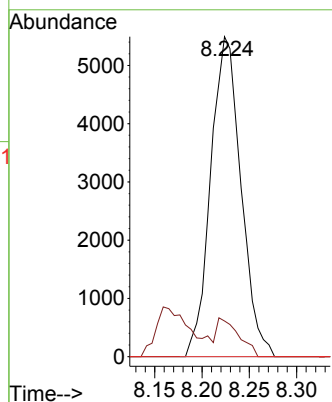
Tgt Ion: 75 Resp: 12231

Ion Ratio Lower Upper

75 100

110 10.4 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.529 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083377.D

Acq: 19 Aug 2024 17:04

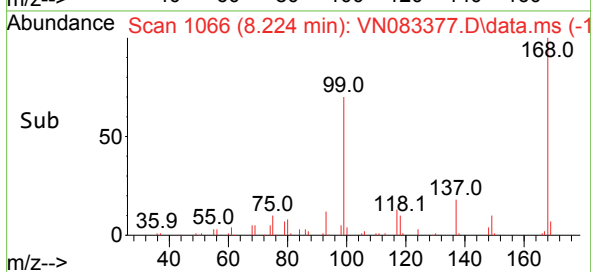
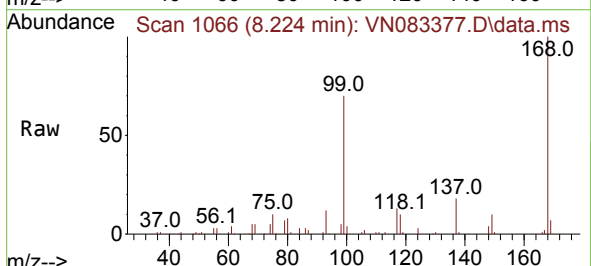
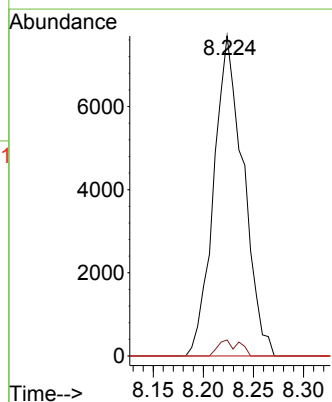
Tgt Ion: 117 Resp: 15853

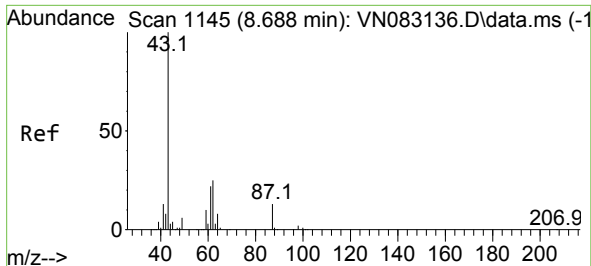
Ion Ratio Lower Upper

117 100

119 5.0 74.9 112.3#

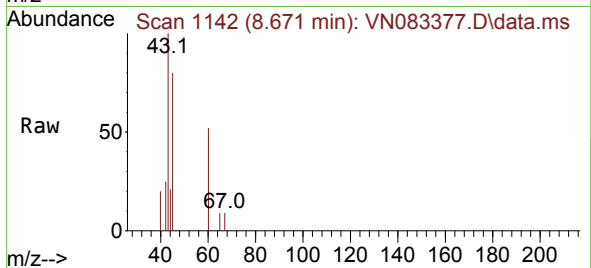
121 0.0 24.3 36.5#



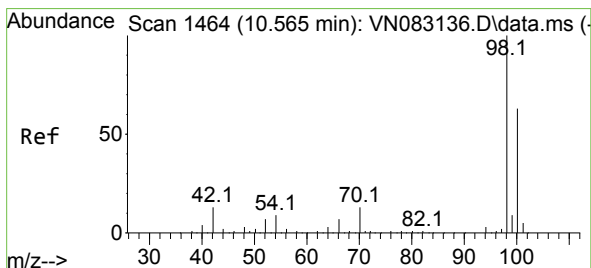
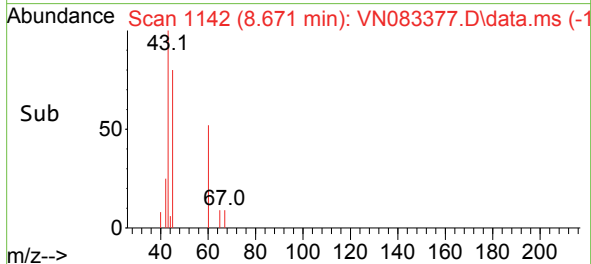
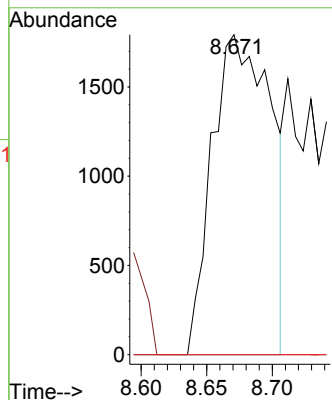


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1145
Delta R.T. -0.017 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :

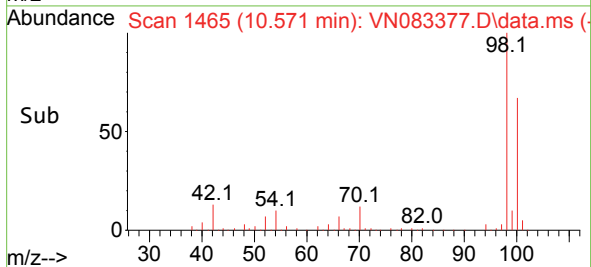
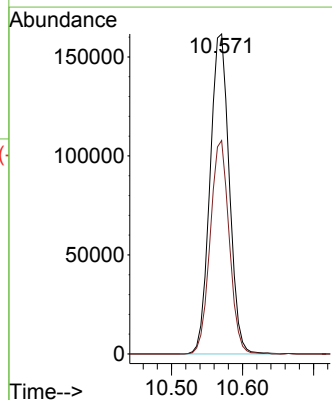
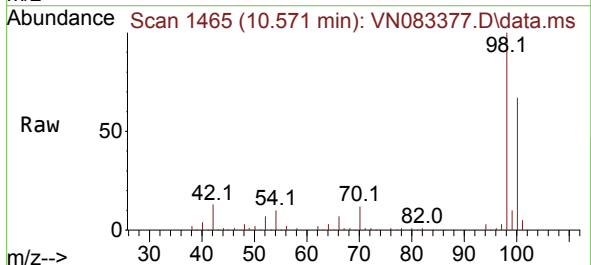


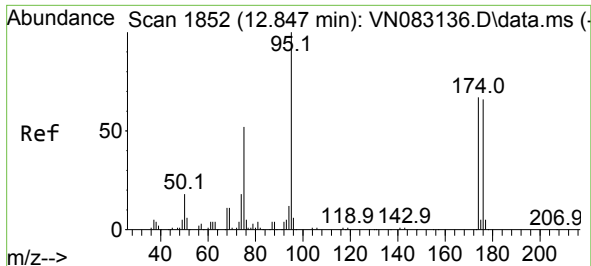
Tgt Ion: 43 Resp: 5611
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.479 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

Tgt Ion: 98 Resp: 304307
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3

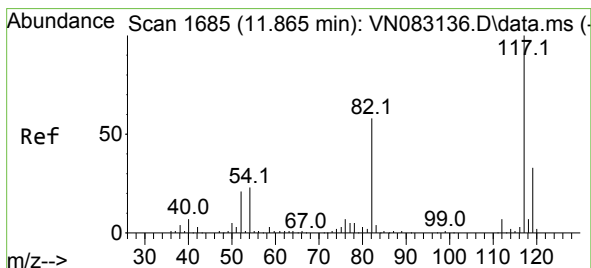
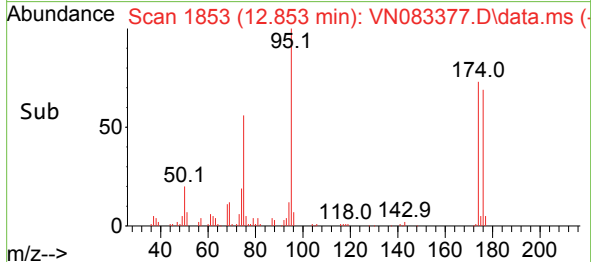
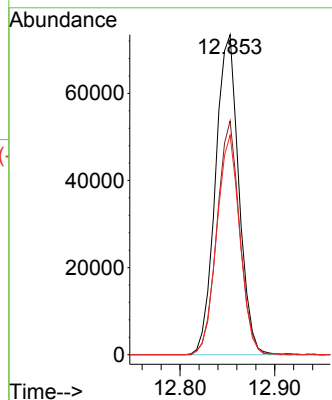
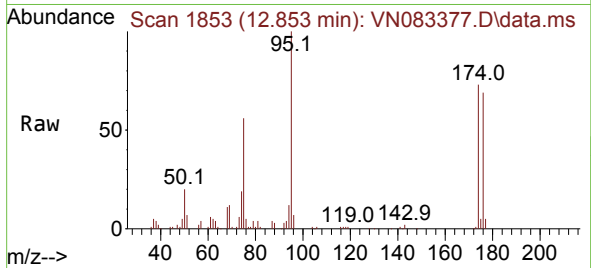




#62
4-Bromofluorobenzene
Concen: 51.360 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

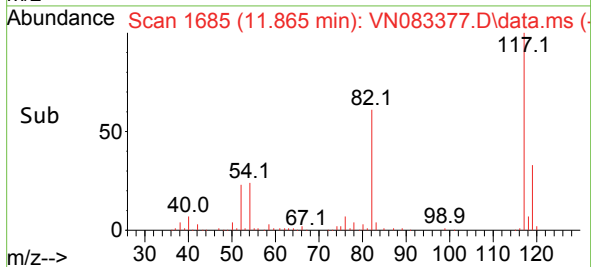
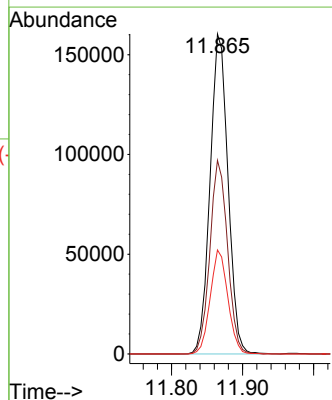
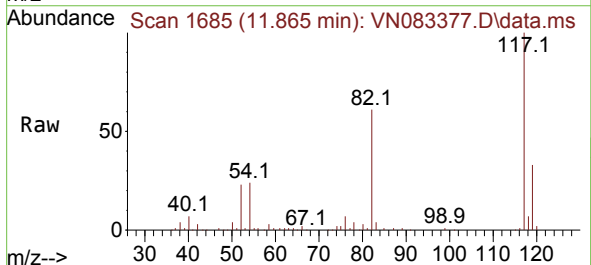
Instrument :
MSVOA_N
ClientSampleId :

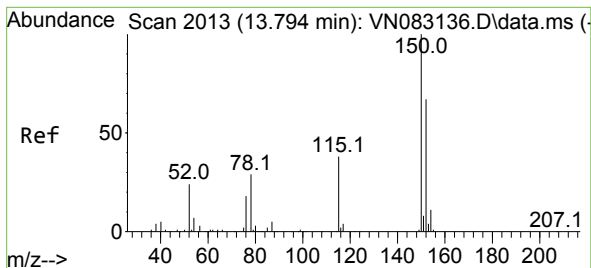
Tgt Ion: 95 Resp: 125685
Ion Ratio Lower Upper
95 100
174 70.9 0.0 159.2
176 68.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

Tgt Ion: 117 Resp: 281131
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 32.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

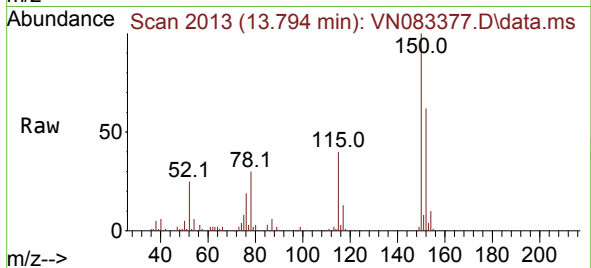
Lab File: VN083377.D

Acq: 19 Aug 2024 17:04

Instrument :

MSVOA_N

ClientSampleId :



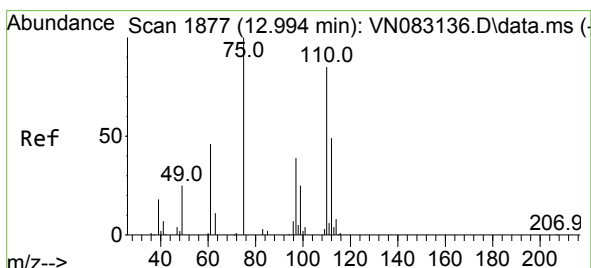
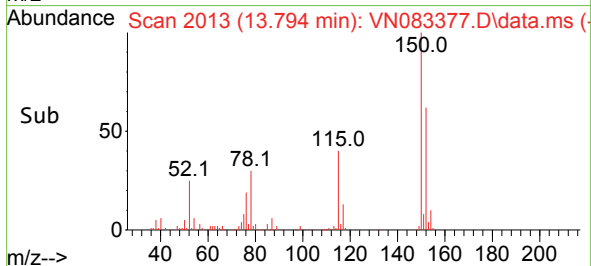
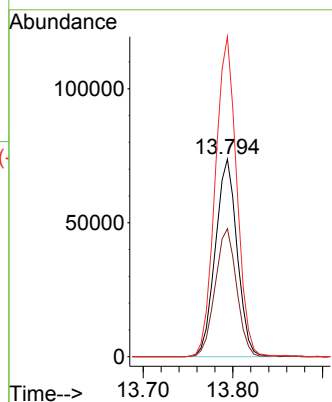
Tgt Ion:152 Resp: 124363

Ion Ratio Lower Upper

152 100

115 64.0 30.6 91.6

150 159.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 25.692 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083377.D

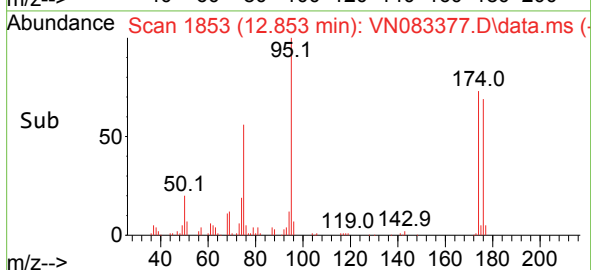
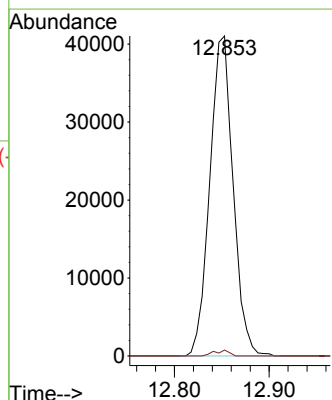
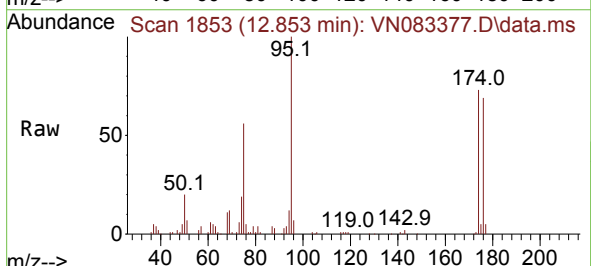
Acq: 19 Aug 2024 17:04

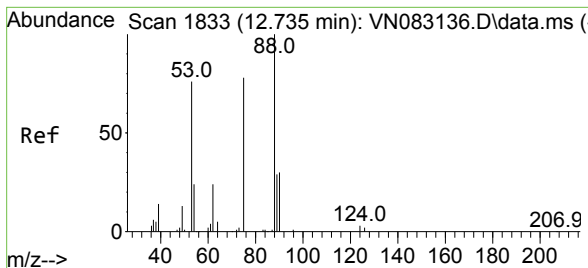
Tgt Ion: 75 Resp: 70126

Ion Ratio Lower Upper

75 100

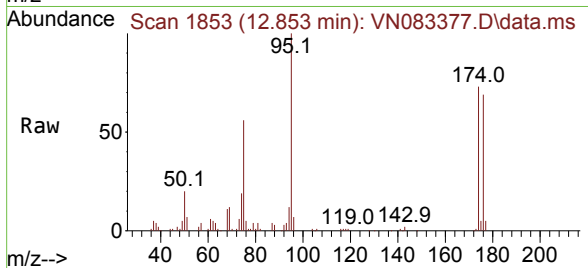
77 1.2 110.9 332.6#



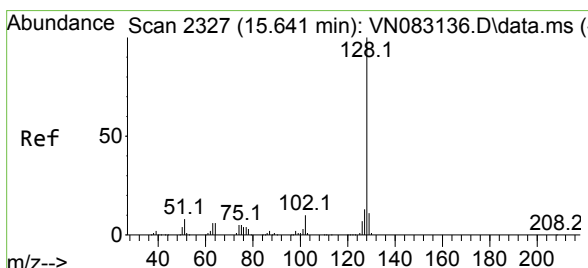
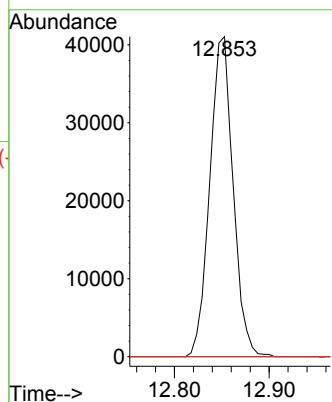
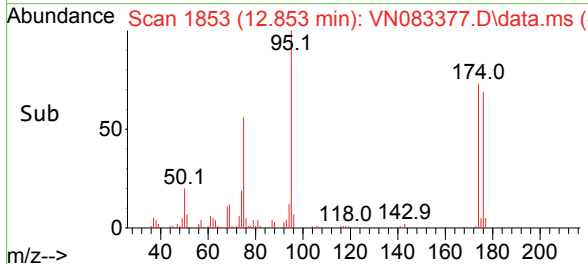


#81
trans-1,4-Dichloro-2-butene
Concen: 55.887 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04

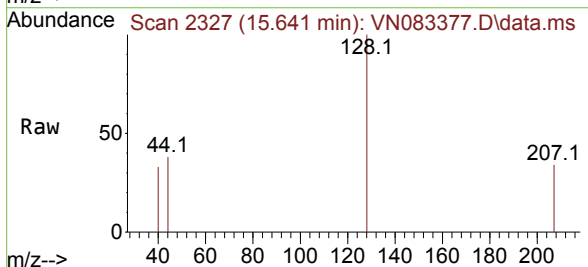
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 70126
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 0.236 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083377.D
Acq: 19 Aug 2024 17:04



Tgt Ion: 128 Resp: 1972
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

