

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083077.D
 Acq On : 30 Jul 2024 19:04
 Operator : JC\MD
 Sample : PB162353ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:07:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

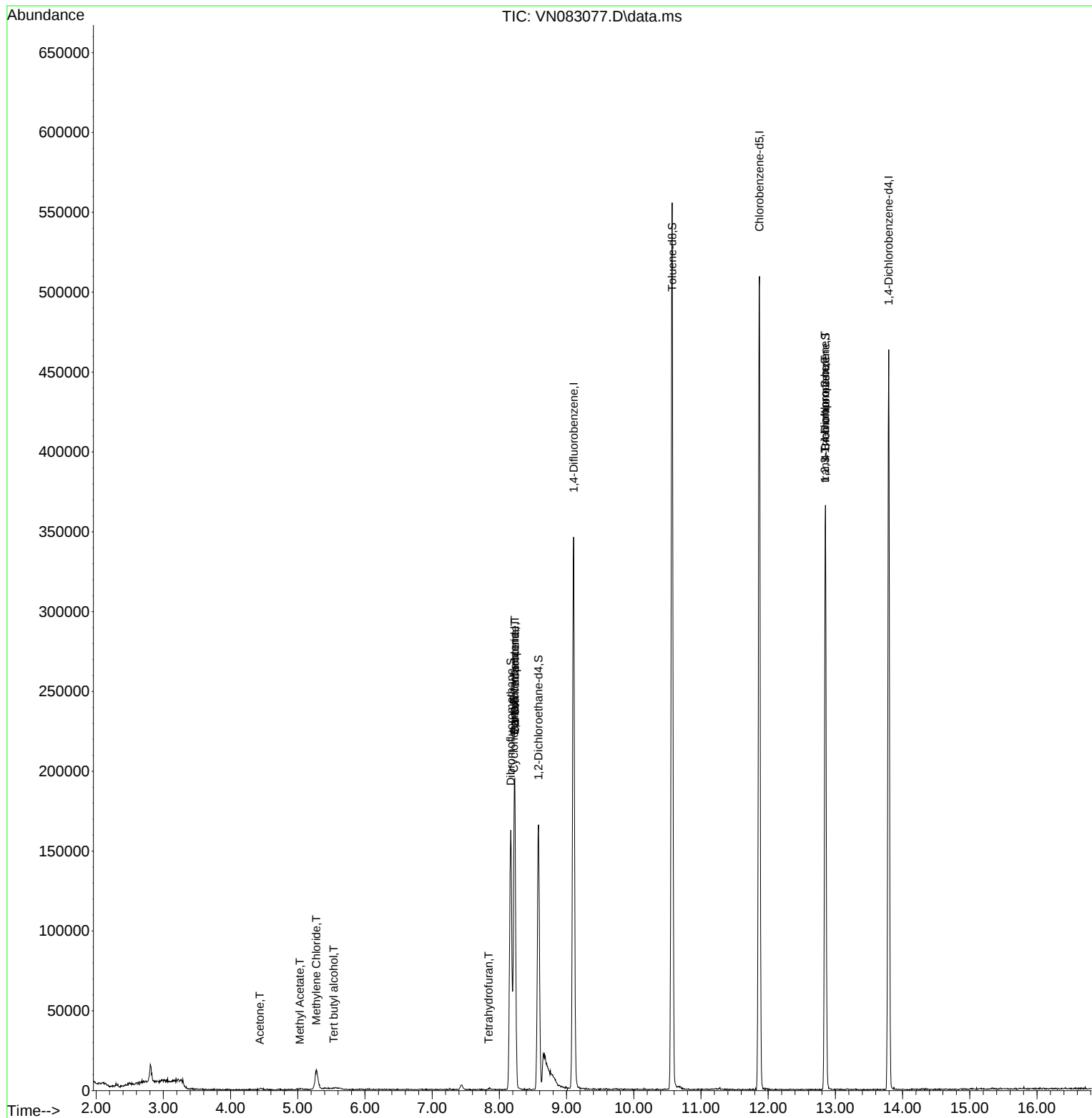
Internal Standards						
1) Pentafluorobenzene	8.224	168	133991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	286781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135207	71.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 143.960%#	
35) Dibromofluoromethane	8.171	113	112431	62.148	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 124.300%#	
50) Toluene-d8	10.571	98	368101	55.090	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.180%	
62) 4-Bromofluorobenzene	12.853	95	112904	47.040	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	67	0.212	ug/l #	71
16) Acetone	4.436	43	522	0.789	ug/l #	48
18) Methyl Acetate	5.030	43	1224	0.699	ug/l #	56
20) Methylene Chloride	5.277	84	8995	5.632	ug/l #	80
29) Tetrahydrofuran	7.841	42	506	0.805	ug/l #	71
31) Cyclohexane	8.218	56	3920	1.596	ug/l #	33
36) 1,1-Dichloropropene	8.230	75	12694	5.089	ug/l #	44
38) Carbon Tetrachloride	8.230	117	14643	4.876	ug/l #	15
43) Isopropyl Acetate	8.653	43	11672	Below Cal	#	62
76) 1,2,3-Trichloropropane	12.847	75	63881	31.661	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63881	62.268	ug/l #	6

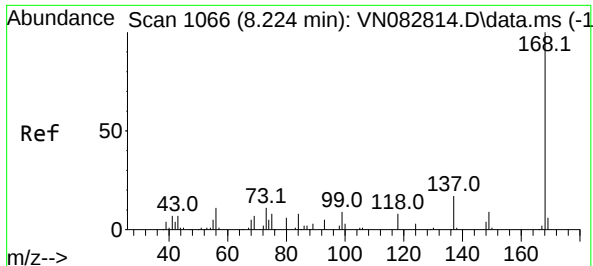
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
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Quant Time: Jul 31 06:07:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

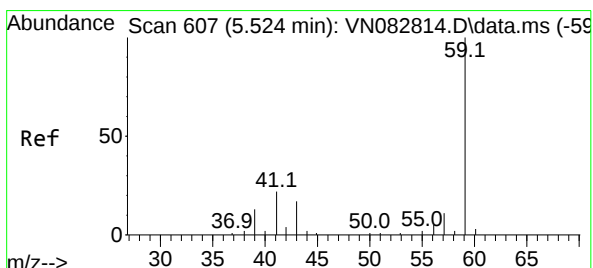
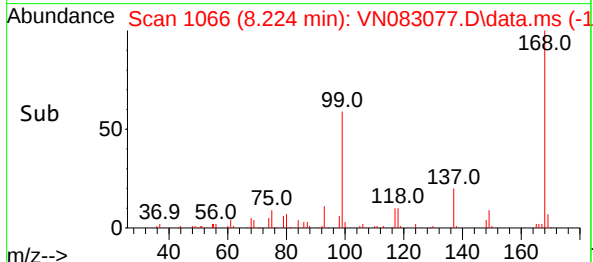
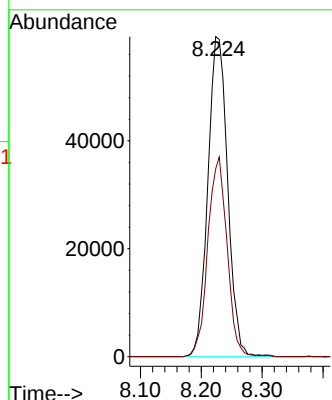
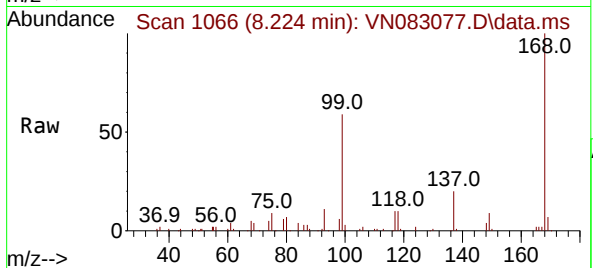




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

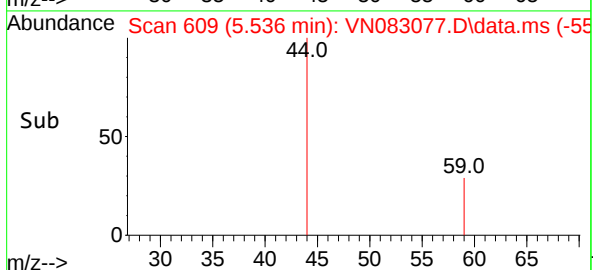
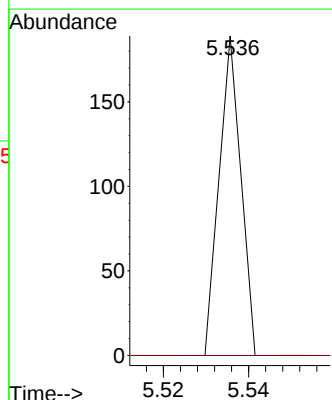
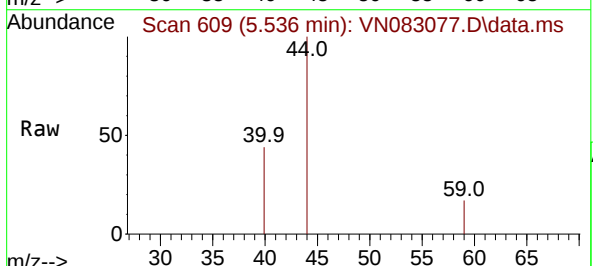
Instrument :
MSVOA_N
ClientSampleId :

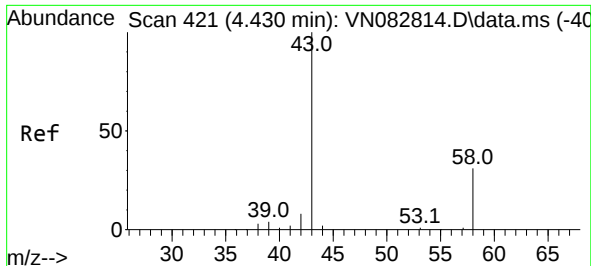
Tgt Ion:168 Resp: 133991
Ion Ratio Lower Upper
168 100
99 58.8 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

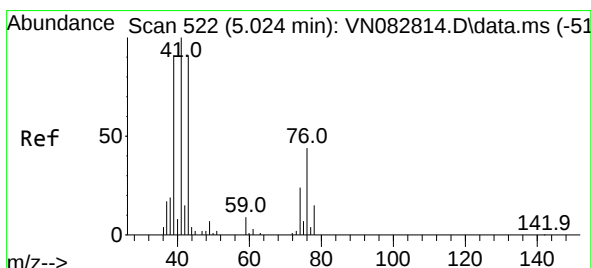
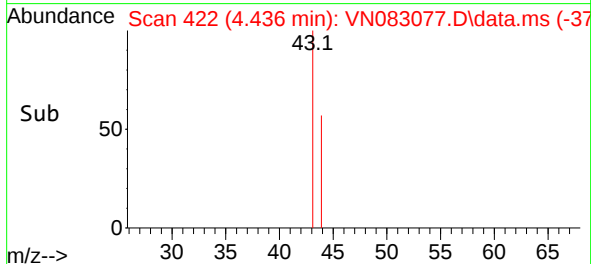
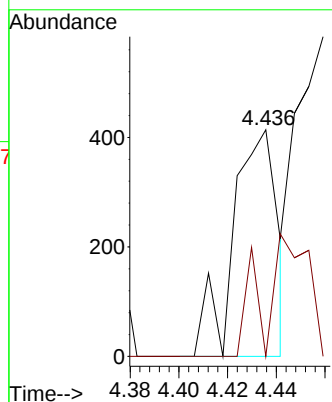
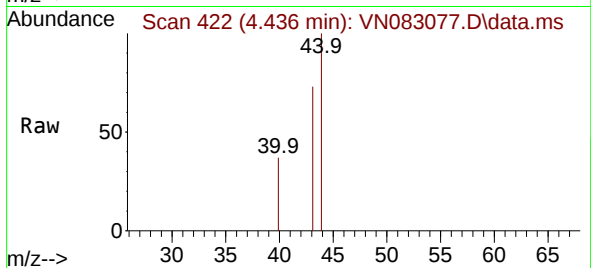




#16
Acetone
Concen: 0.789 ug/l
RT: 4.436 min Scan# 431
Delta R.T. 0.006 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

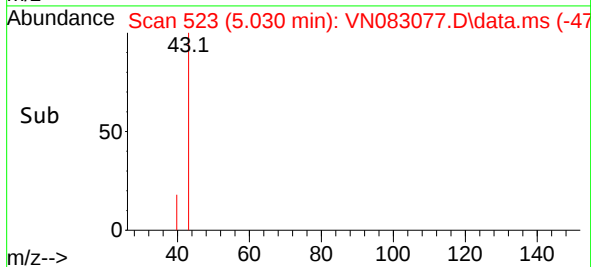
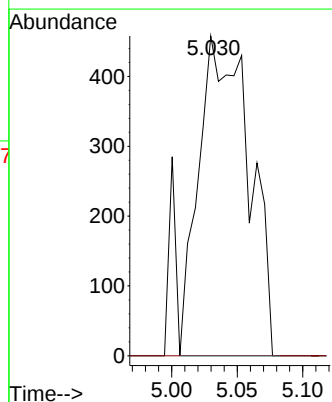
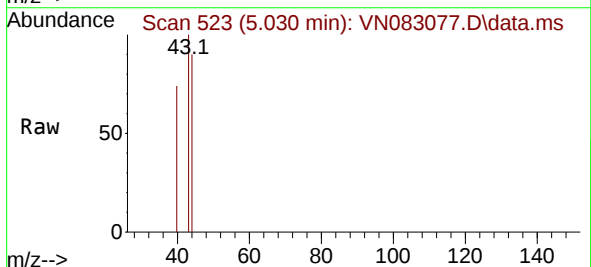
Instrument :
MSVOA_N
ClientSampleId :

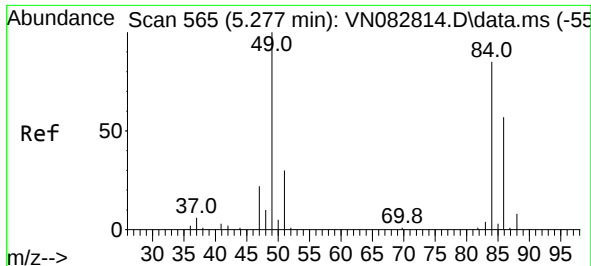
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#18
Methyl Acetate
Concen: 0.699 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

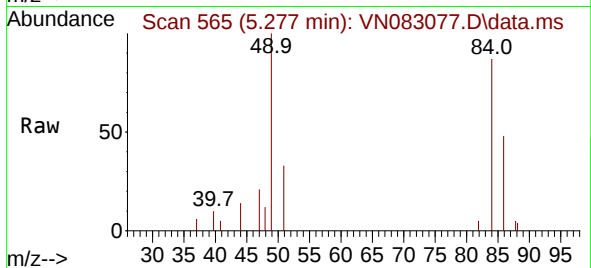
Tgt Ion: 43 Resp: 1224
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



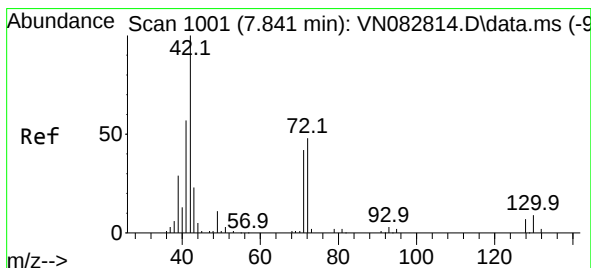
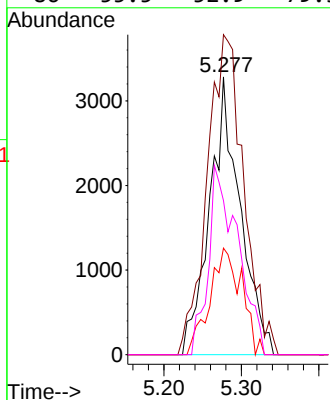
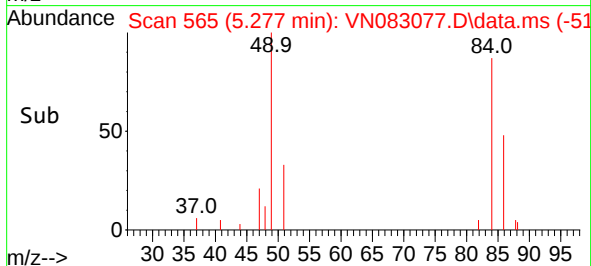


#20
Methylene Chloride
Concen: 5.632 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

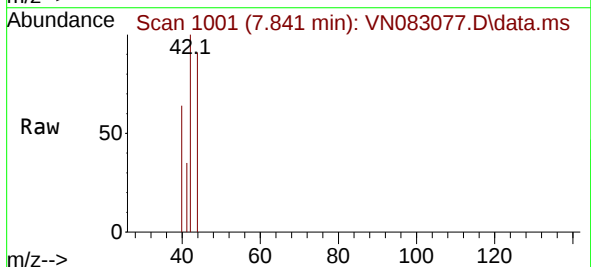
Instrument :
MSVOA_N
ClientSampleId :



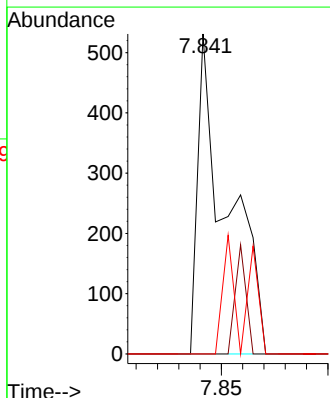
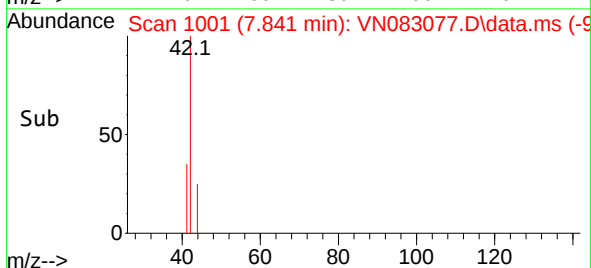
Tgt Ion: 84 Resp: 8995
Ion Ratio Lower Upper
84 100
49 115.2 119.6 179.4#
51 38.4 34.8 52.2
86 55.5 52.9 79.3

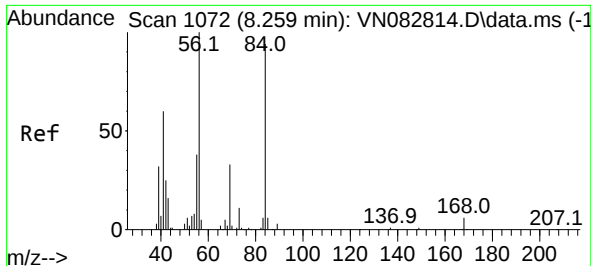


#29
Tetrahydrofuran
Concen: 0.805 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04



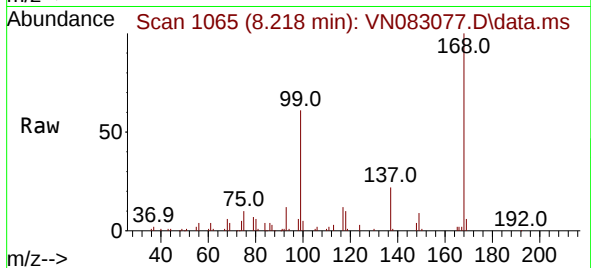
Tgt Ion: 42 Resp: 506
Ion Ratio Lower Upper
42 100
72 12.6 30.0 45.0#
71 26.3 28.3 42.5#



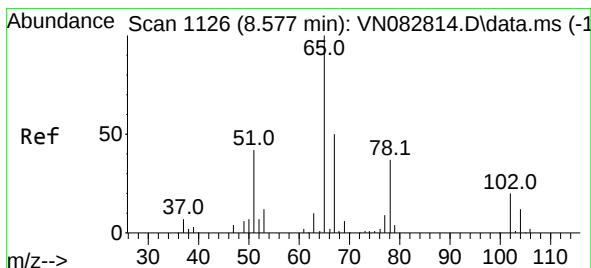
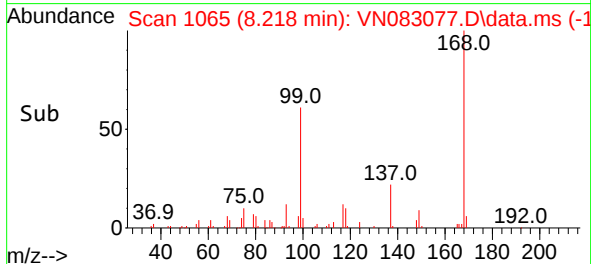
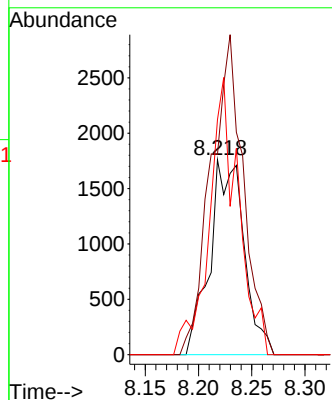


#31
Cyclohexane
Concen: 1.596 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

Instrument :
MSVOA_N
ClientSampleId :

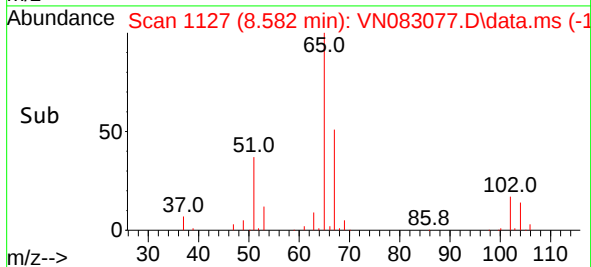
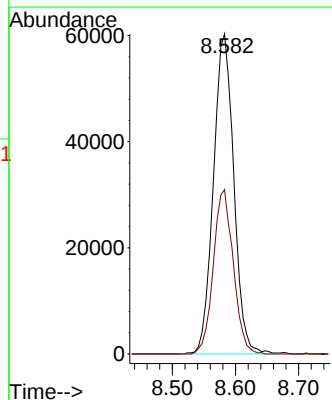
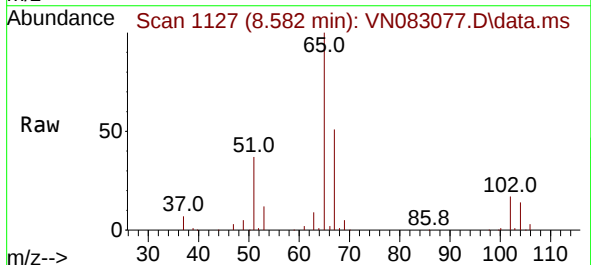


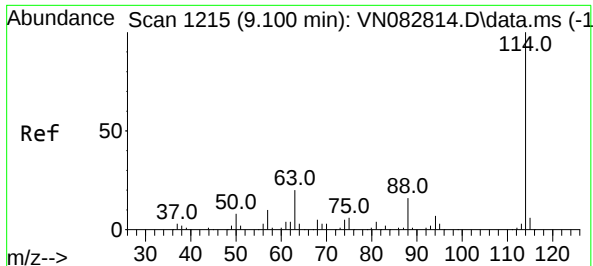
Tgt Ion: 56 Resp: 3920
Ion Ratio Lower Upper
56 100
69 102.7 24.5 36.7#
84 120.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 71.984 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

Tgt Ion: 65 Resp: 135207
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083077.D

Acq: 30 Jul 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

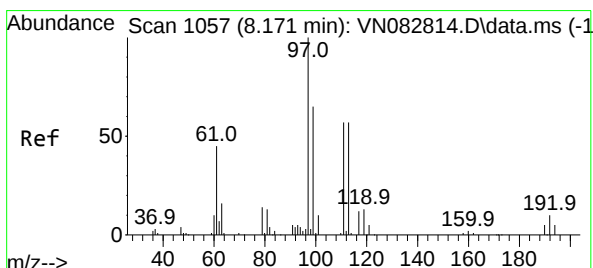
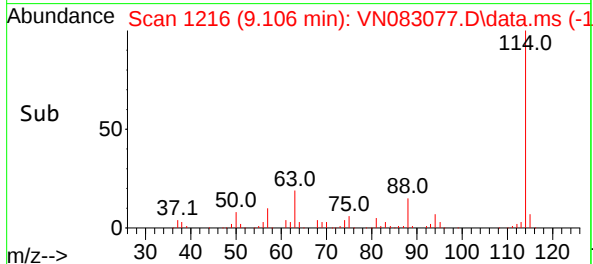
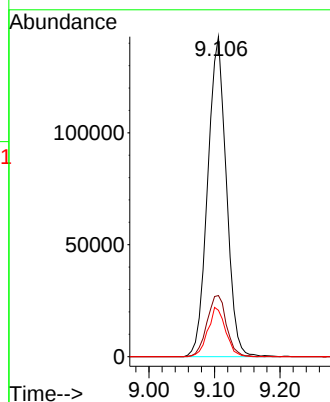
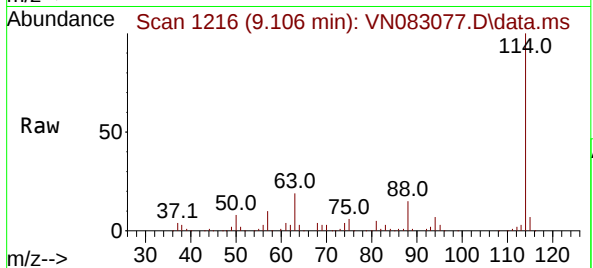
Tgt Ion:114 Resp: 281933

Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 14.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 62.148 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083077.D

Acq: 30 Jul 2024 19:04

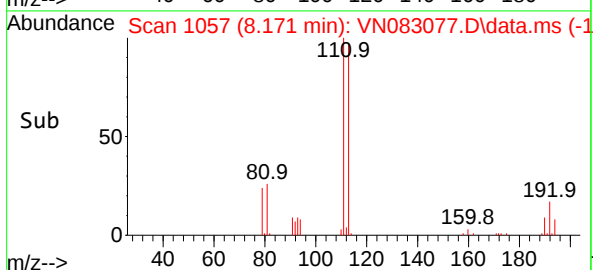
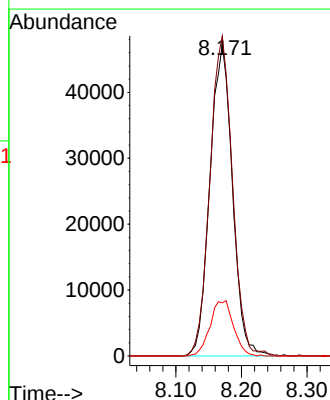
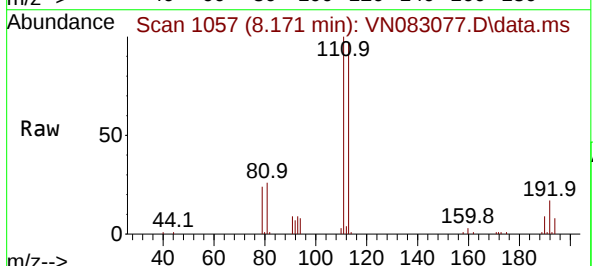
Tgt Ion:113 Resp: 112431

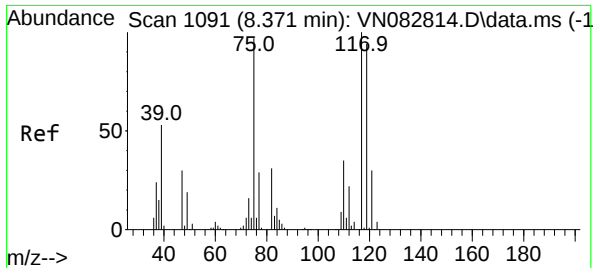
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 18.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.089 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083077.D

Acq: 30 Jul 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

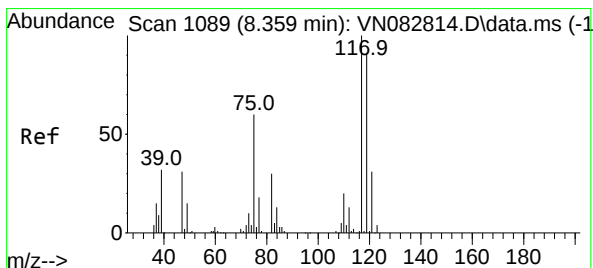
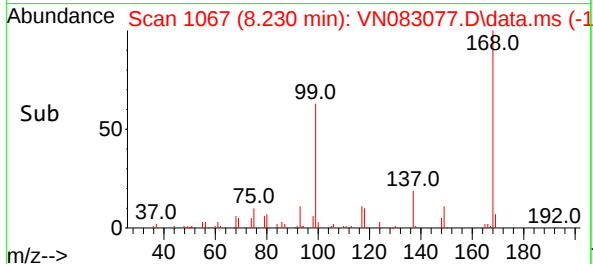
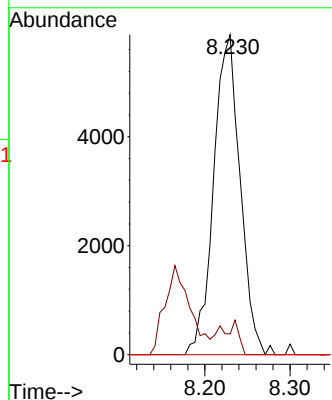
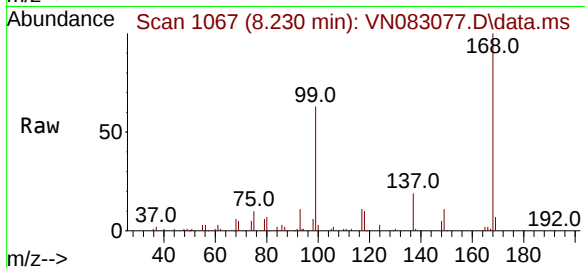
Tgt Ion: 75 Resp: 12694

Ion Ratio Lower Upper

75 100

110 1.5 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.876 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN083077.D

Acq: 30 Jul 2024 19:04

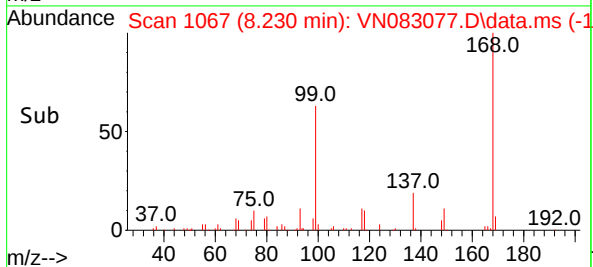
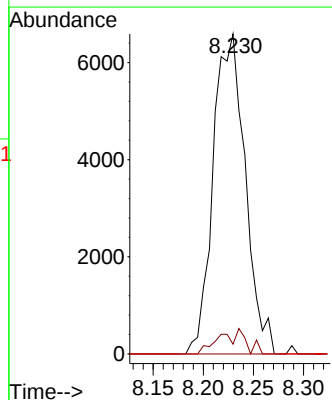
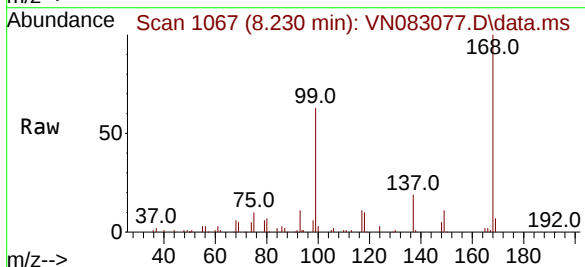
Tgt Ion: 117 Resp: 14643

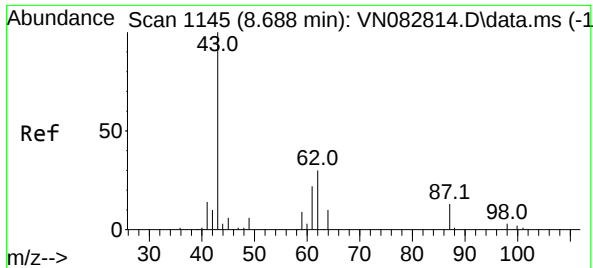
Ion Ratio Lower Upper

117 100

119 3.1 74.9 112.3#

121 0.0 24.3 36.5#

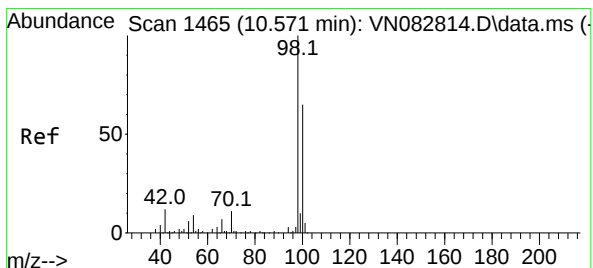
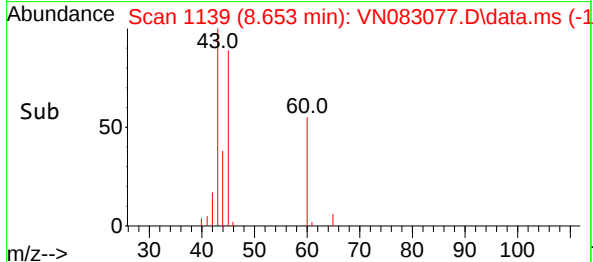
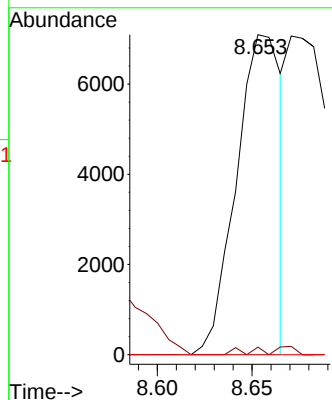
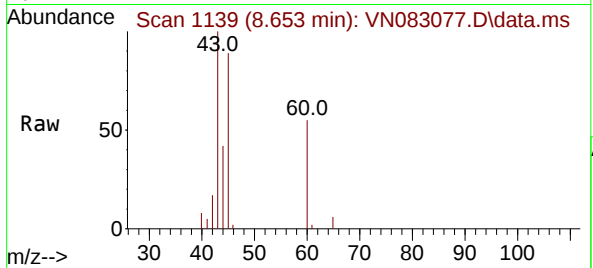




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.653 min Scan# 1139
Delta R.T. -0.041 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

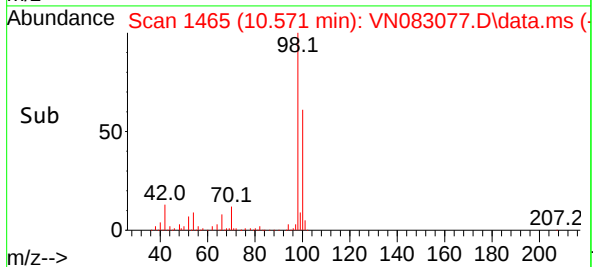
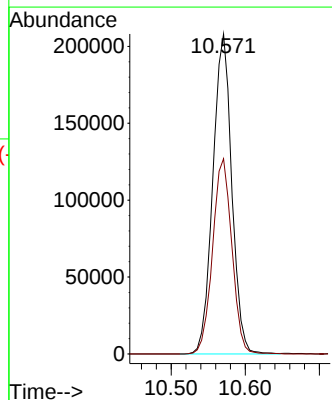
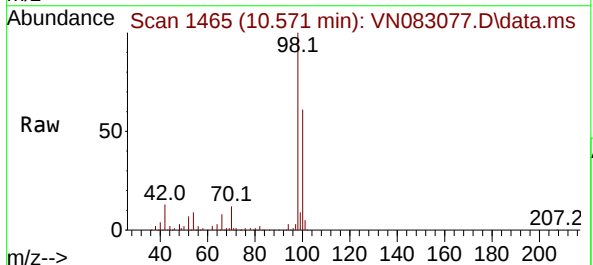
Instrument :
MSVOA_N
ClientSampleId :

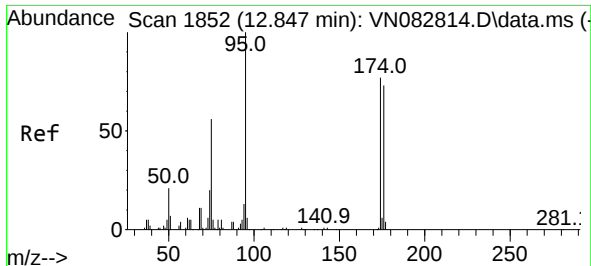
Tgt Ion: 43 Resp: 11672
Ion Ratio Lower Upper
43 100
61 1.6 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 55.090 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

Tgt Ion: 98 Resp: 368101
Ion Ratio Lower Upper
98 100
100 62.2 51.5 77.3

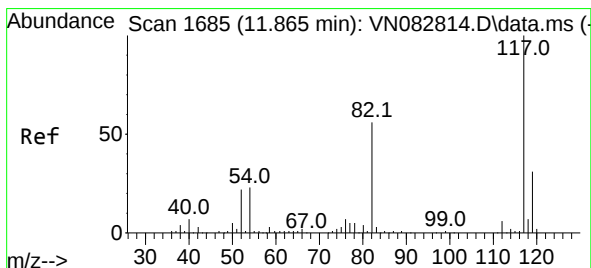
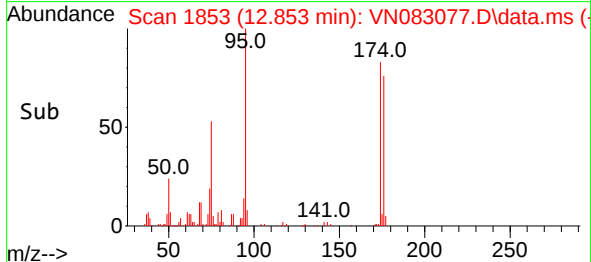
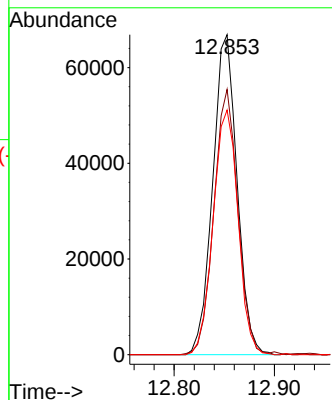
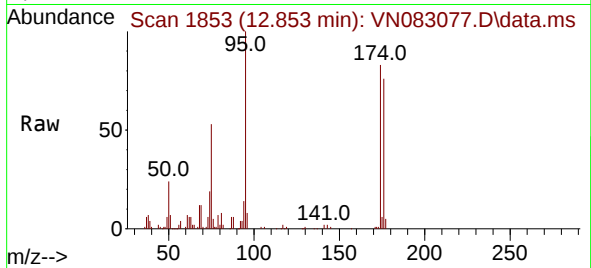




#62
4-Bromofluorobenzene
Concen: 47.040 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

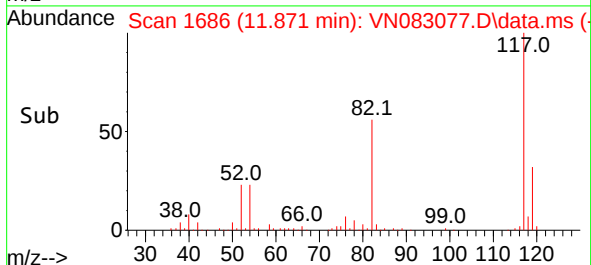
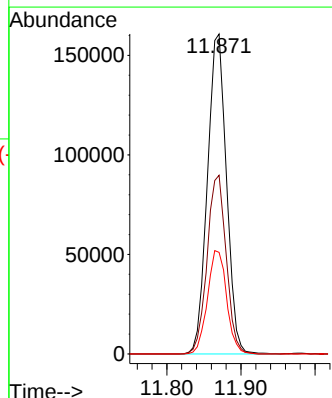
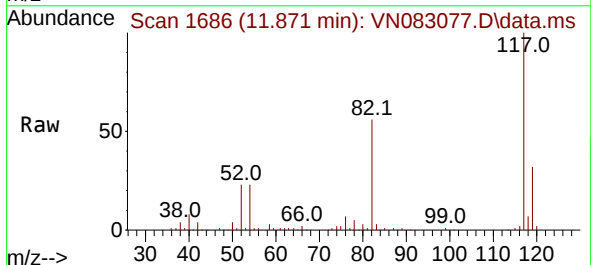
Instrument :
MSVOA_N
ClientSampleId :

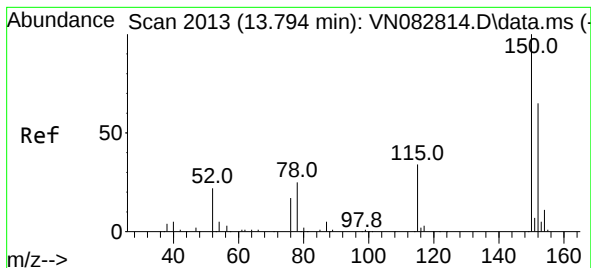
Tgt Ion: 95 Resp: 112904
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.2
176 78.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

Tgt Ion: 117 Resp: 286781
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN083077.D

Acq: 30 Jul 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

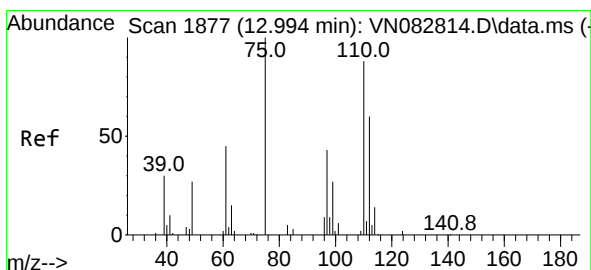
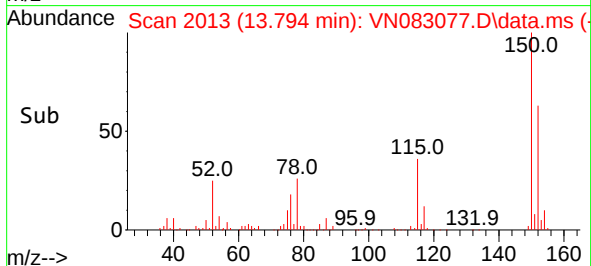
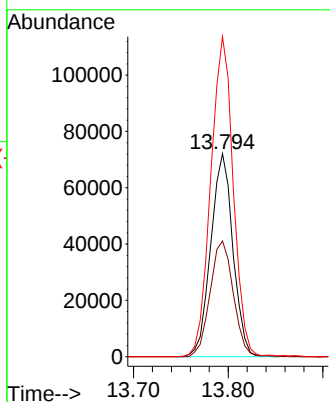
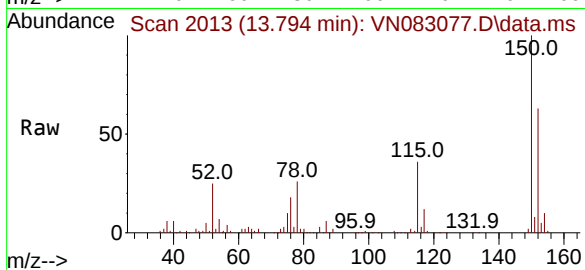
Tgt Ion:152 Resp: 117030

Ion Ratio Lower Upper

152 100

115 59.8 30.6 91.6

150 160.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 31.661 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083077.D

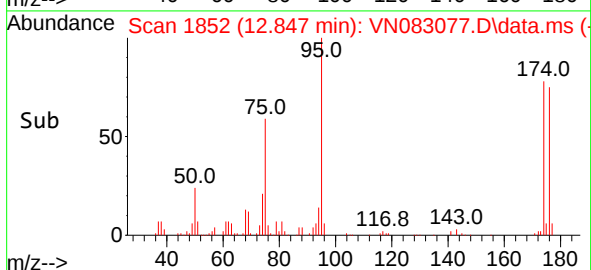
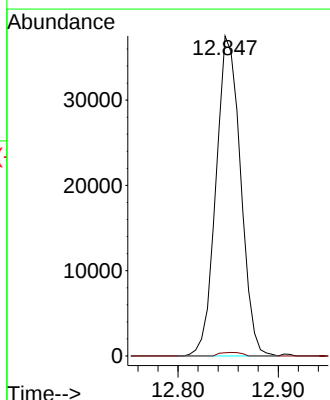
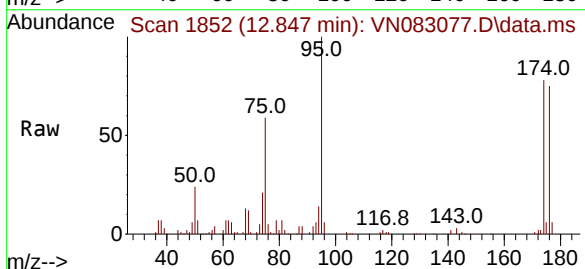
Acq: 30 Jul 2024 19:04

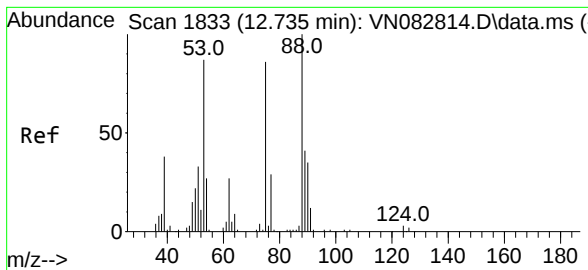
Tgt Ion: 75 Resp: 63881

Ion Ratio Lower Upper

75 100

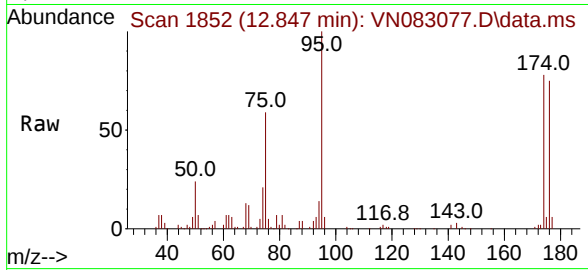
77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.268 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN083077.D
 Acq: 30 Jul 2024 19:04

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 63881
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.4 132.6#
 89 0.0 36.3 54.5#

