

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077727.D
 Acq On : 17 May 2023 20:29
 Operator : JC\MD
 Sample : 02831-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: May 18 01:41:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	353608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	643377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	576046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223874	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	246478	46.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.180%
35) Dibromofluoromethane	8.171	113	206388	49.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	10.570	98	795142	49.240	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.859	95	262008	45.940	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.880%

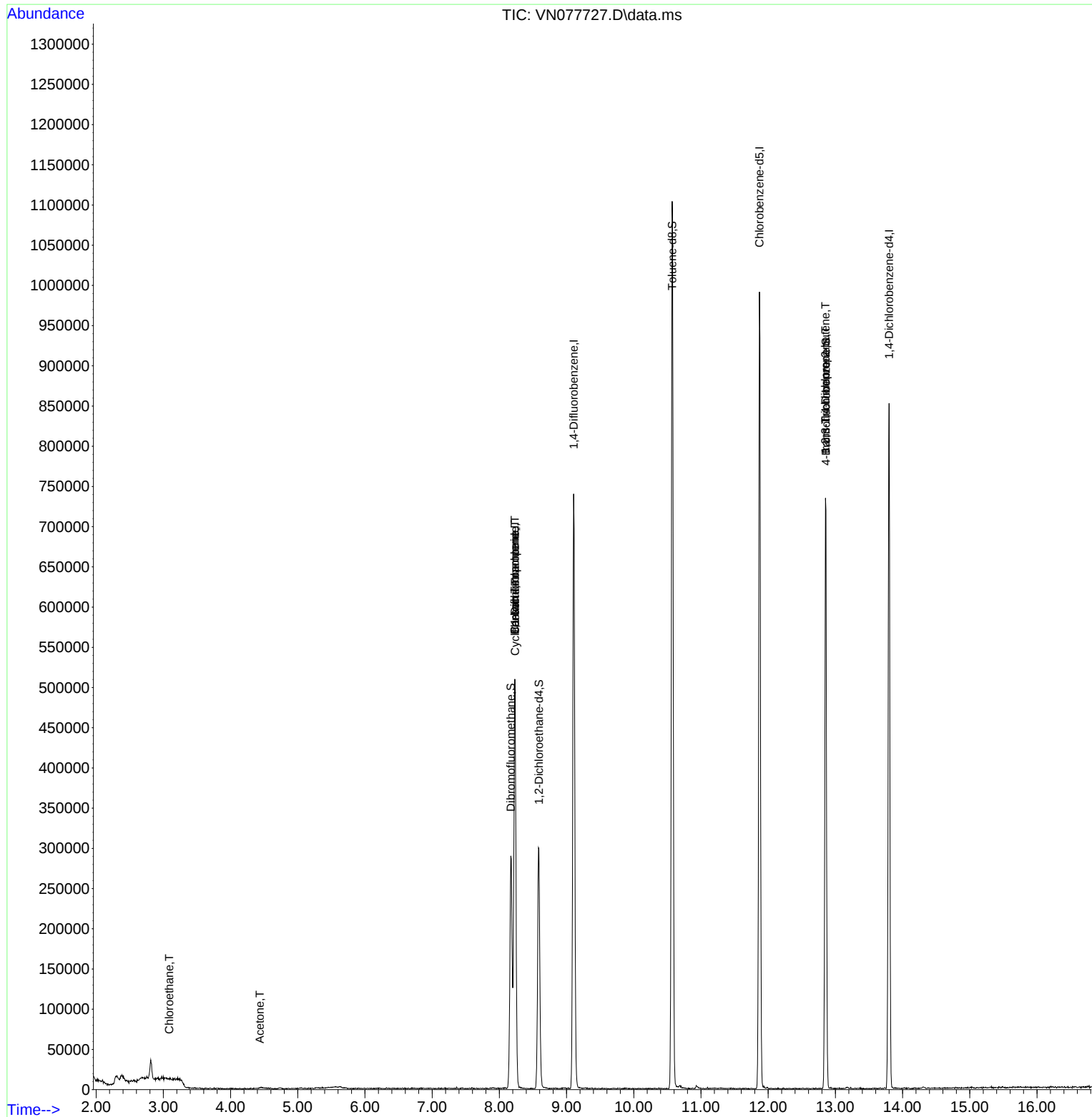
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.377	50	2674	Below Cal	#	80
6) Chloroethane	3.089	64	1657	0.453	ug/l #	43
13) Acrolein	4.083	56	60	Below Cal	#	16
16) Acetone	4.436	43	816	0.490	ug/l #	40
20) Methylene Chloride	5.271	84	328	Below Cal	#	83
31) Cyclohexane	8.235	56	8942	1.243	ug/l #	45
36) 1,1-Dichloropropene	8.229	75	30992	5.051	ug/l #	47
38) Carbon Tetrachloride	8.229	117	38226	6.169	ug/l #	16
76) 1,2,3-Trichloropropane	12.853	75	138775	24.752	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	138775	79.120	ug/l #	15

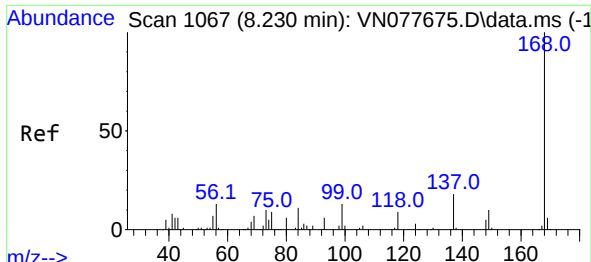
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
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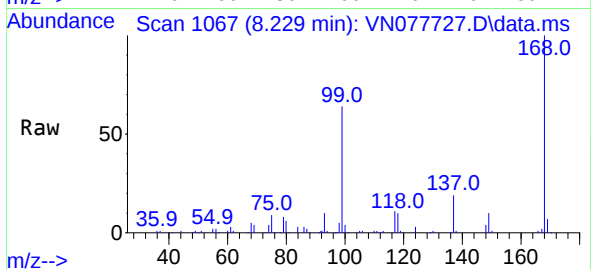
Quant Time: May 18 01:41:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
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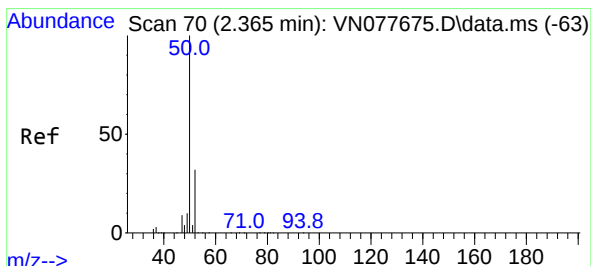
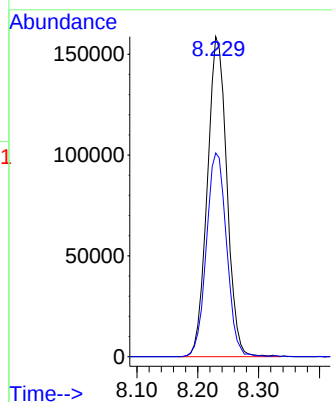
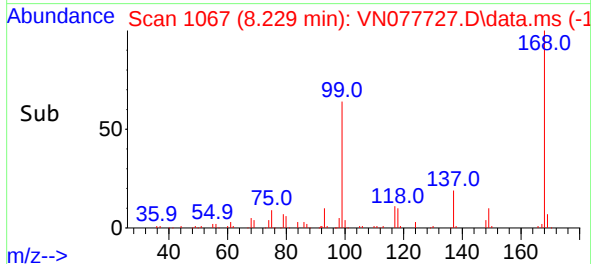


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

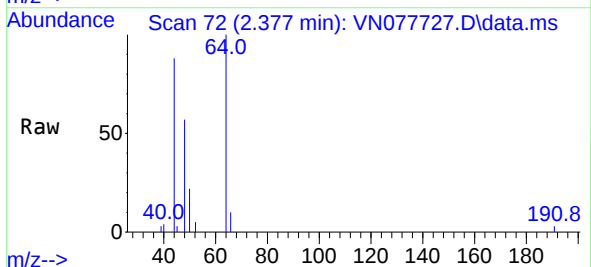
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MSVOA_N
ClientSampleId :
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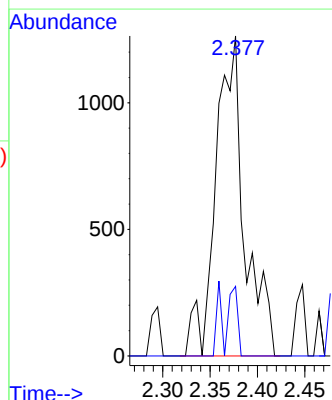
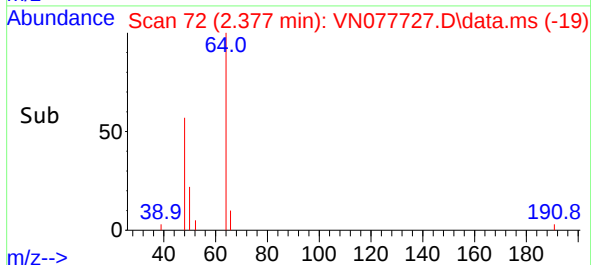
Tgt Ion:168 Resp: 353608
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6

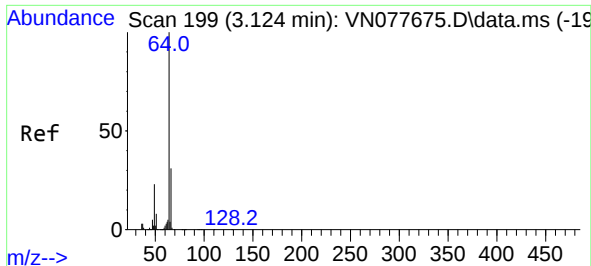


#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29



Tgt Ion: 50 Resp: 2674
Ion Ratio Lower Upper
50 100
52 21.8 26.5 39.7#

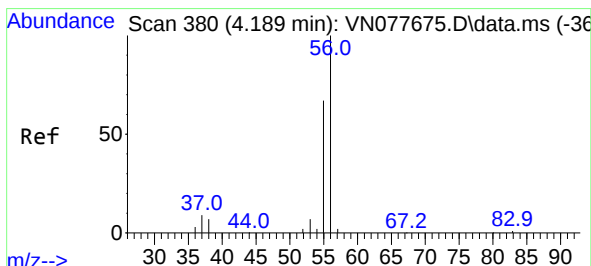
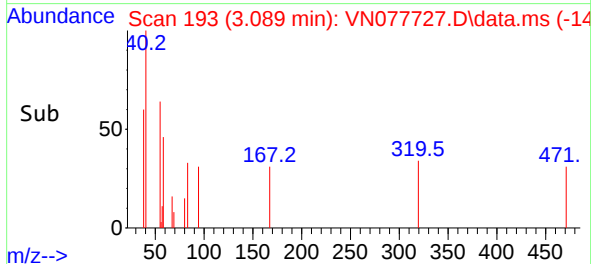
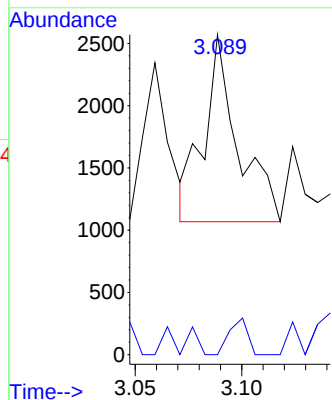
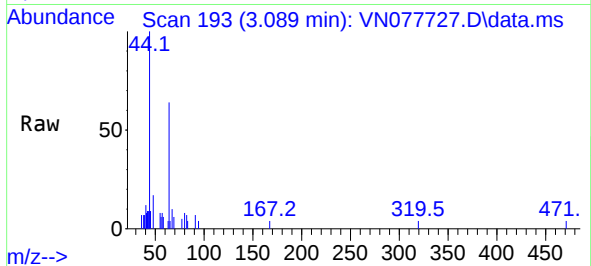




#6
Chloroethane
Concen: 0.453 ug/l
RT: 3.089 min Scan# 199
Delta R.T. -0.035 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

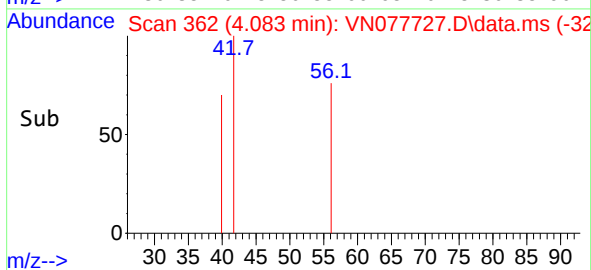
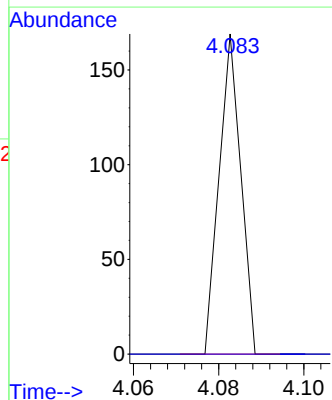
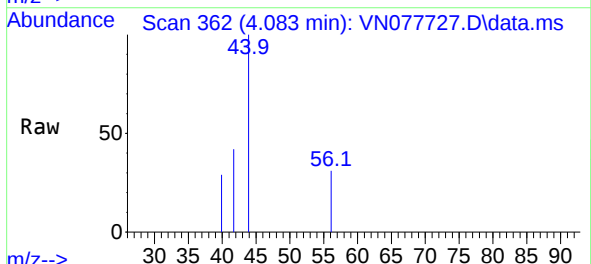
Instrument :
MSVOA_N
ClientSampleId :
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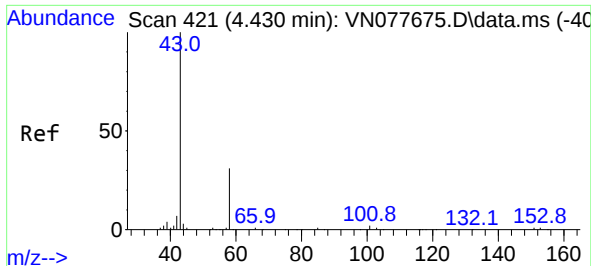
Tgt Ion: 64 Resp: 1657
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: Below Cal
RT: 4.083 min Scan# 362
Delta R.T. -0.106 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

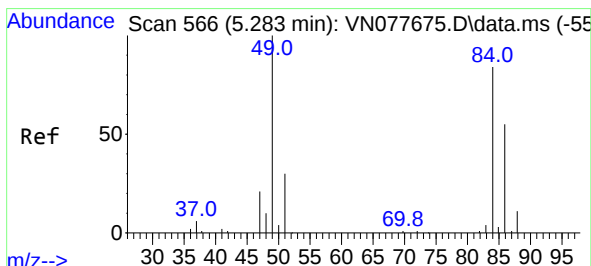
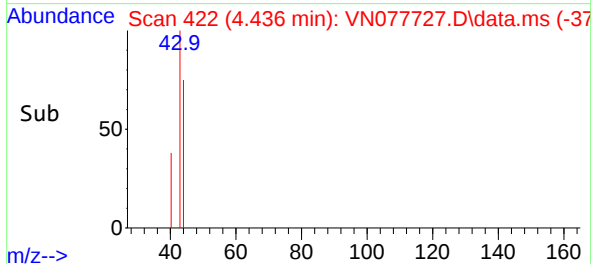
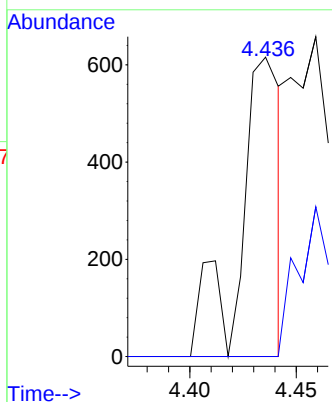
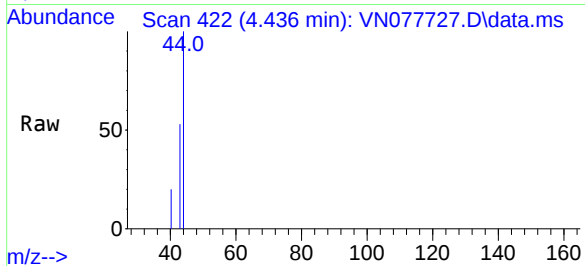




#16
Acetone
Concen: 0.490 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

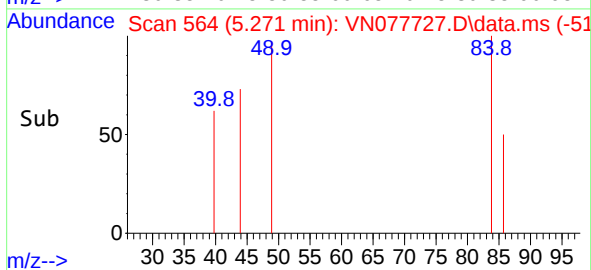
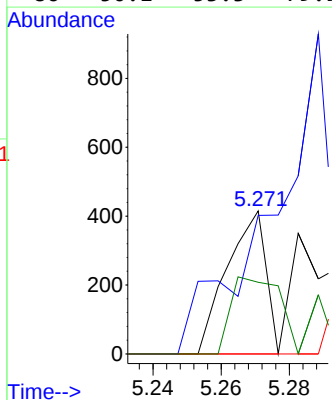
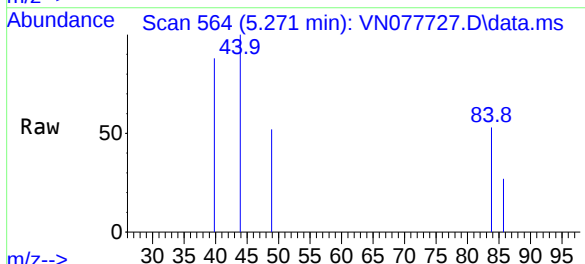
Instrument :
MSVOA_N
ClientSampleId :
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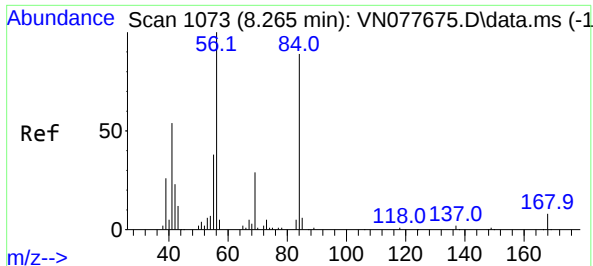
Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

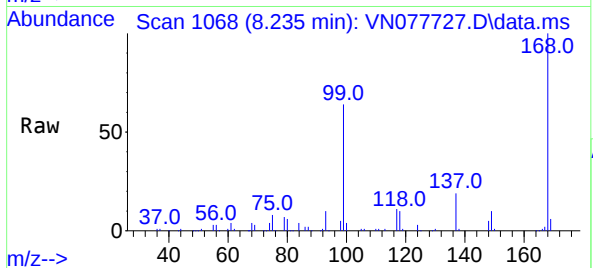
Tgt Ion: 84 Resp: 328
Ion Ratio Lower Upper
84 100
49 96.9 79.7 119.5
51 0.0 25.2 37.8#
86 50.1 53.3 79.9#



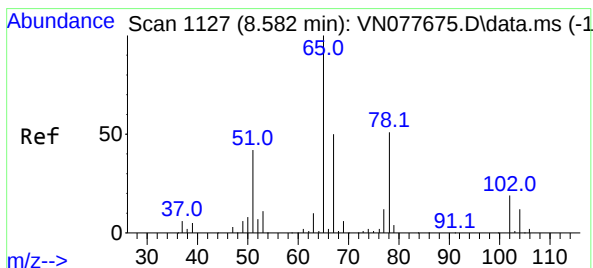
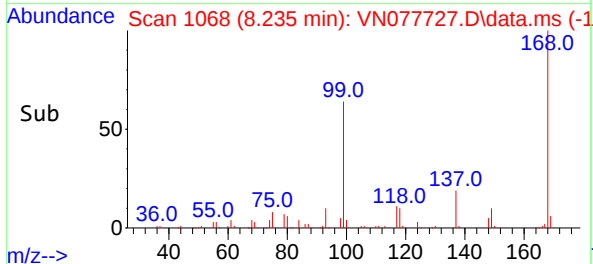
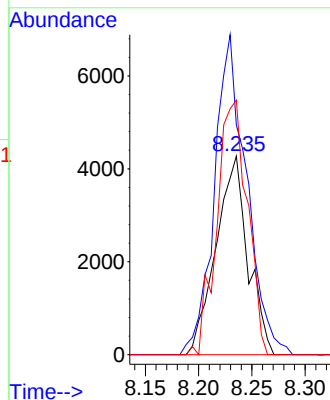


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

Instrument :
MSVOA_N
ClientSampleId :
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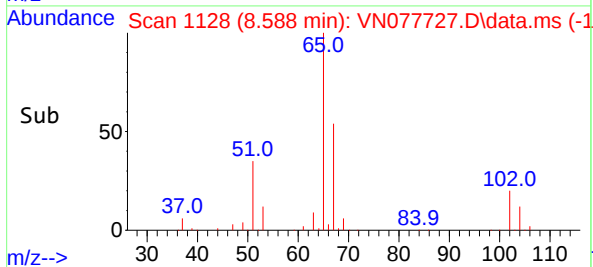
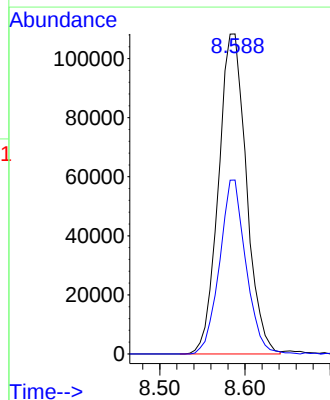
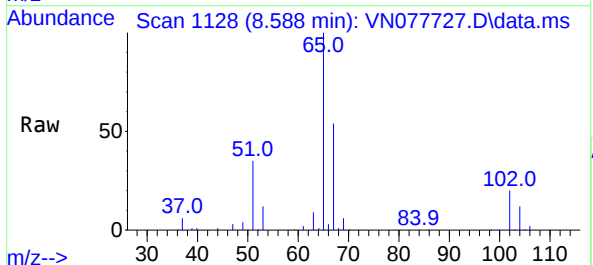


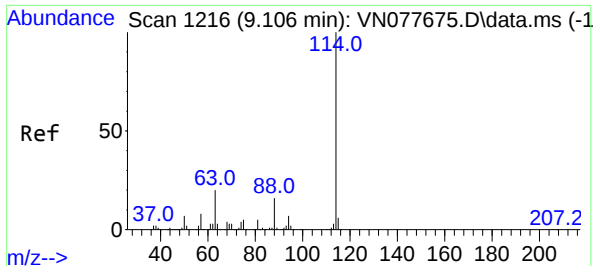
Tgt Ion: 56 Resp: 8942
Ion Ratio Lower Upper
56 100
69 115.6 26.8 40.2#
84 128.2 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.585 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

Tgt Ion: 65 Resp: 246478
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6

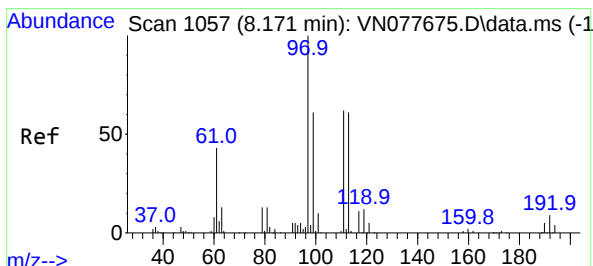
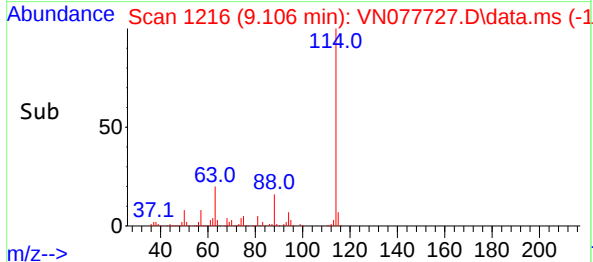
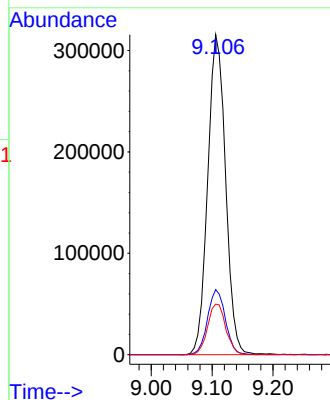
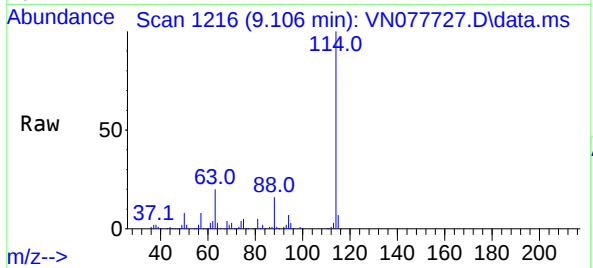




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

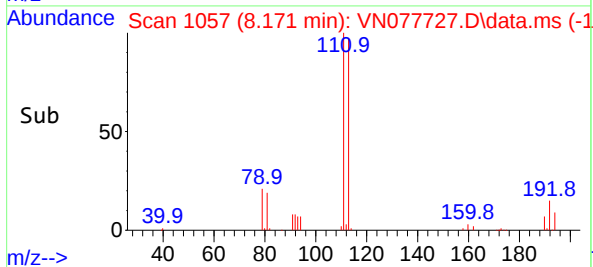
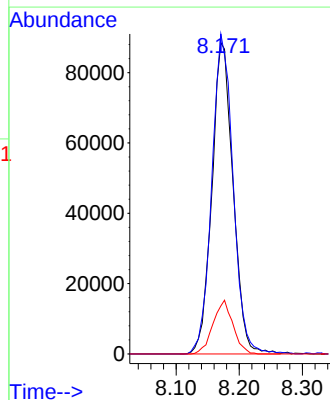
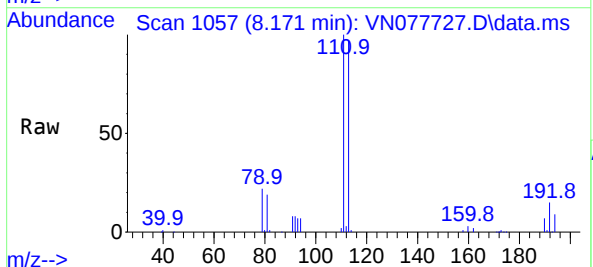
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ClientSampleId :
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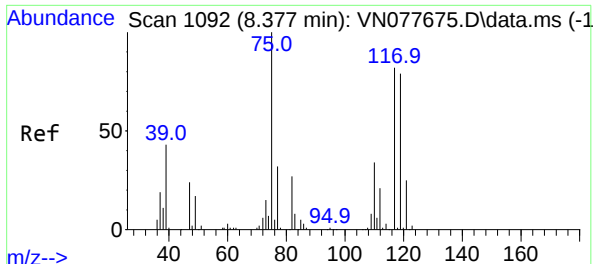
Tgt Ion:114 Resp: 643377
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.194 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

Tgt Ion:113 Resp: 206388
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 16.2 12.7 19.1

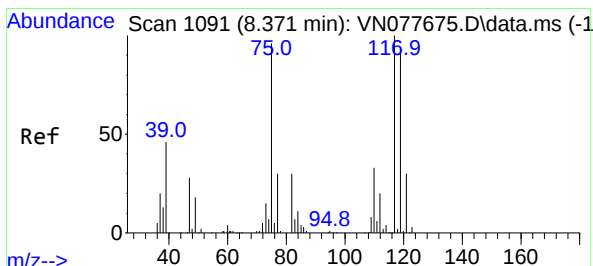
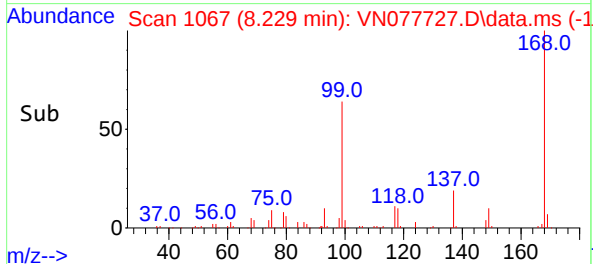
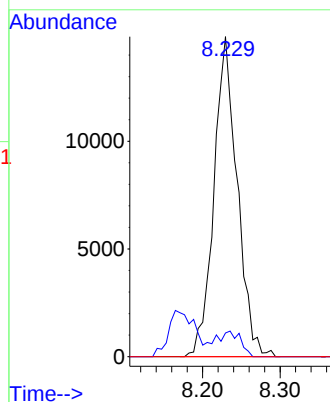
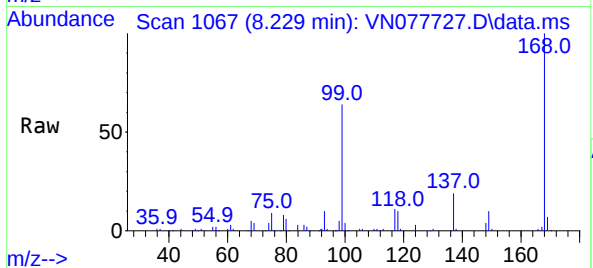




#36
1,1-Dichloropropene
Concen: 5.051 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

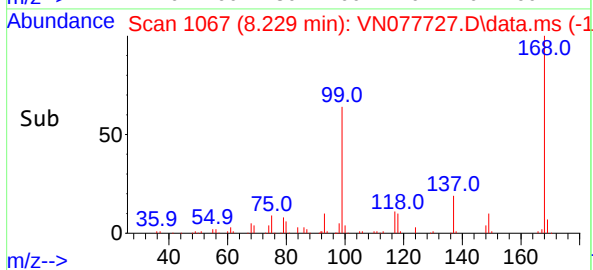
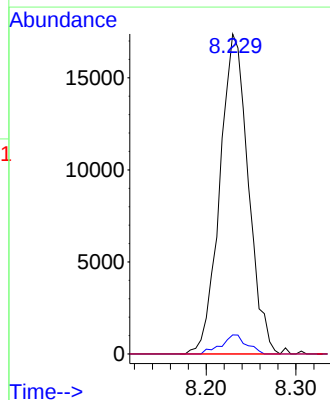
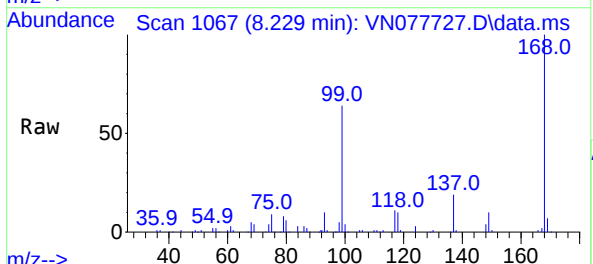
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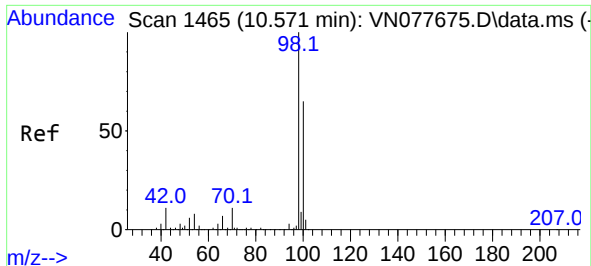
Tgt Ion: 75 Resp: 30992
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.169 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

Tgt Ion: 117 Resp: 38226
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 23.3 34.9#

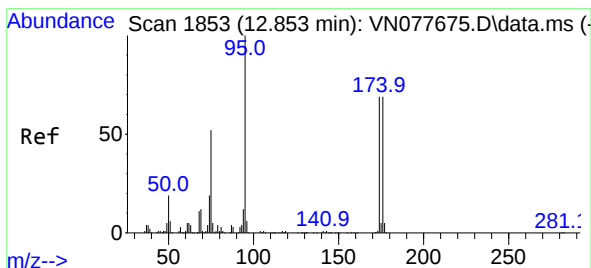
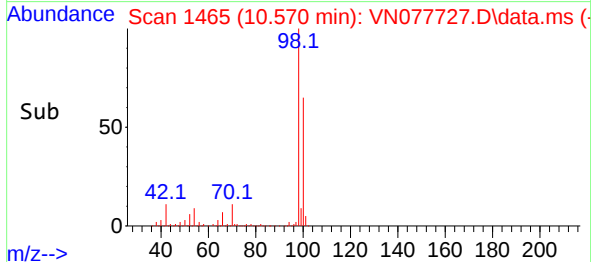
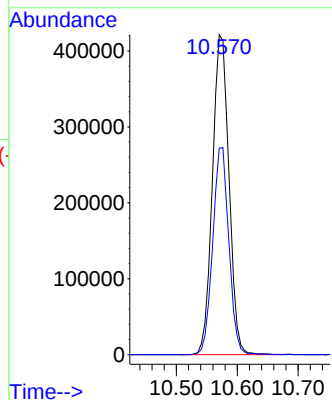
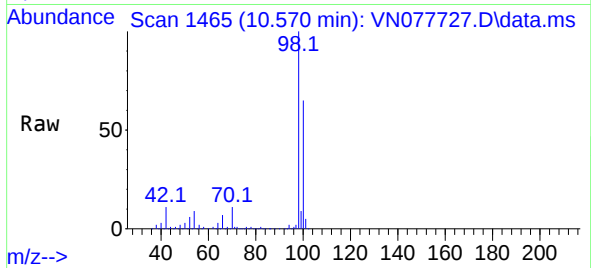




#50
Toluene-d8
Concen: 49.240 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

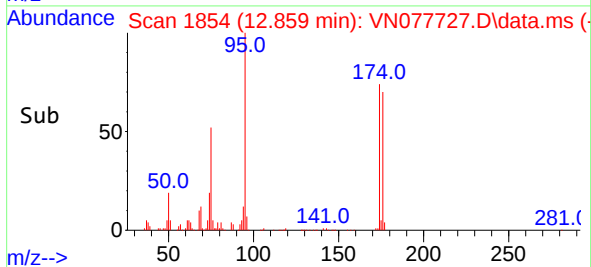
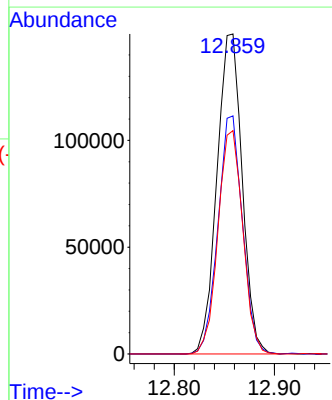
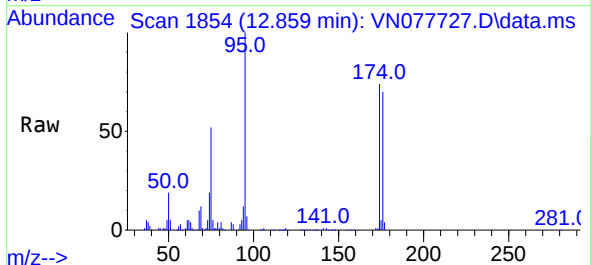
Instrument :
MSVOA_N
ClientSampleId :
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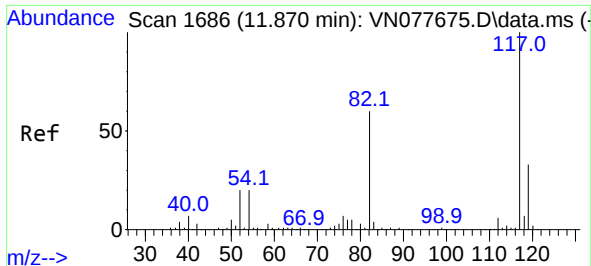
Tgt Ion: 98 Resp: 795142
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.940 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

Tgt Ion: 95 Resp: 262008
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 68.5 0.0 135.8

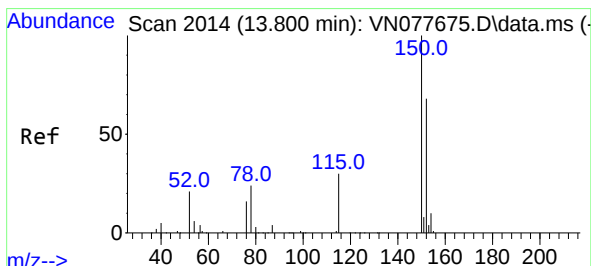
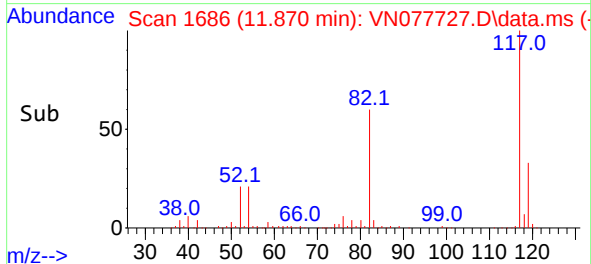
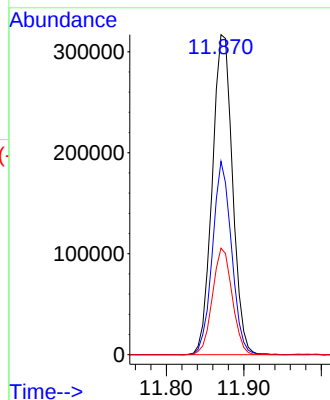
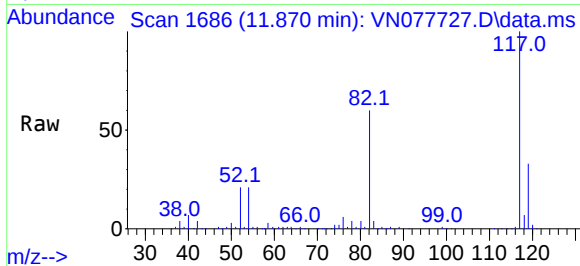




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

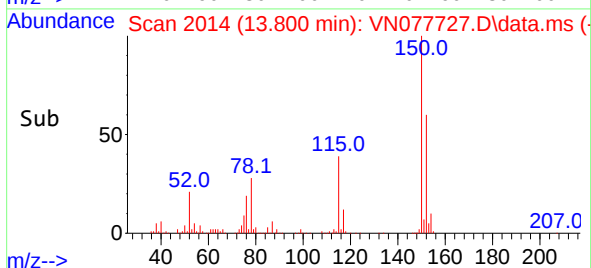
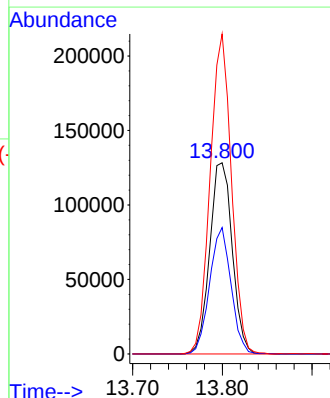
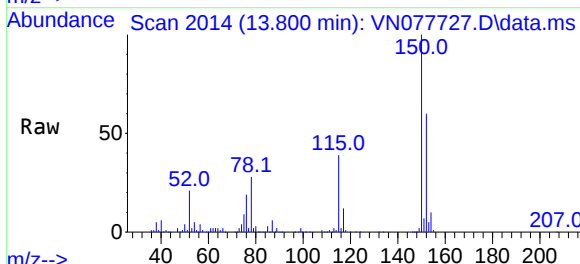
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

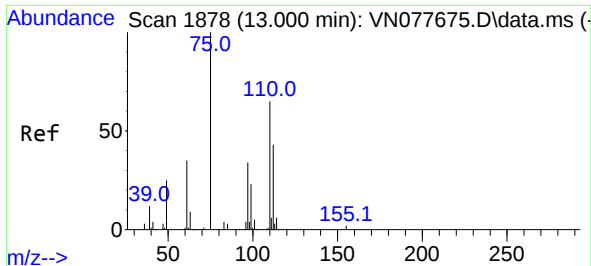
Tgt Ion:117 Resp: 576046
Ion Ratio Lower Upper
117 100
82 60.4 44.0 66.0
119 33.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

Tgt Ion:152 Resp: 223874
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 157.9 0.0 355.8

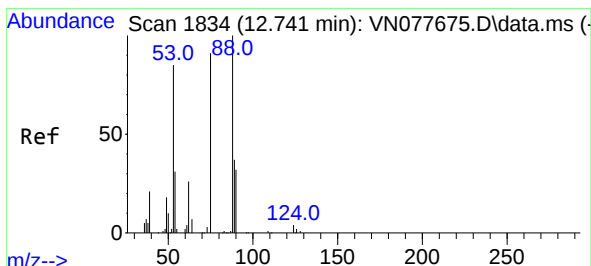
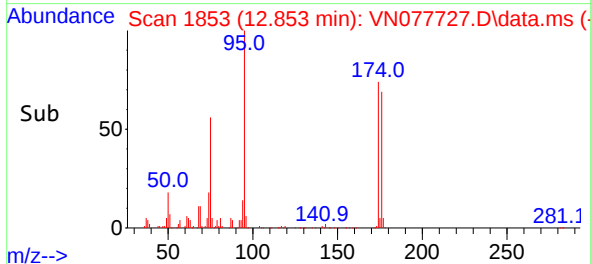
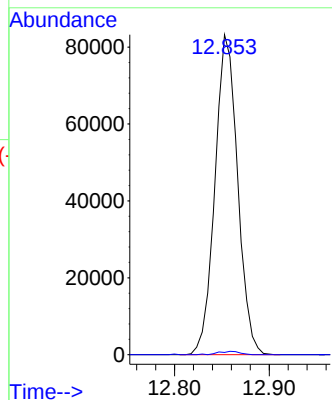
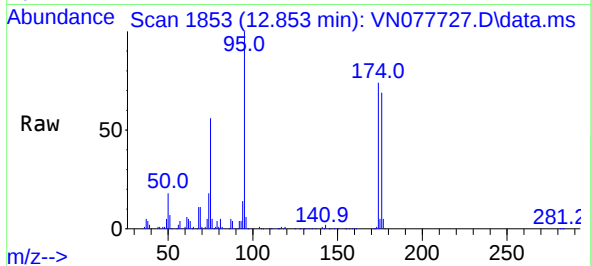




#76
1,2,3-Trichloropropane
Concen: 24.752 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 138775
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.120 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077727.D
Acq: 17 May 2023 20:29

Tgt Ion: 75 Resp: 138775
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

