

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077720.D
 Acq On : 17 May 2023 17:43
 Operator : JC\MD
 Sample : 02831-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-7

Quant Time: May 18 01:40:26 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	8.235	168	344731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	640840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	573245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	227001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	245951	47.683	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.171	113	199816	47.816	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	10.571	98	791230	49.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.853	95	264956	46.641	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.280%

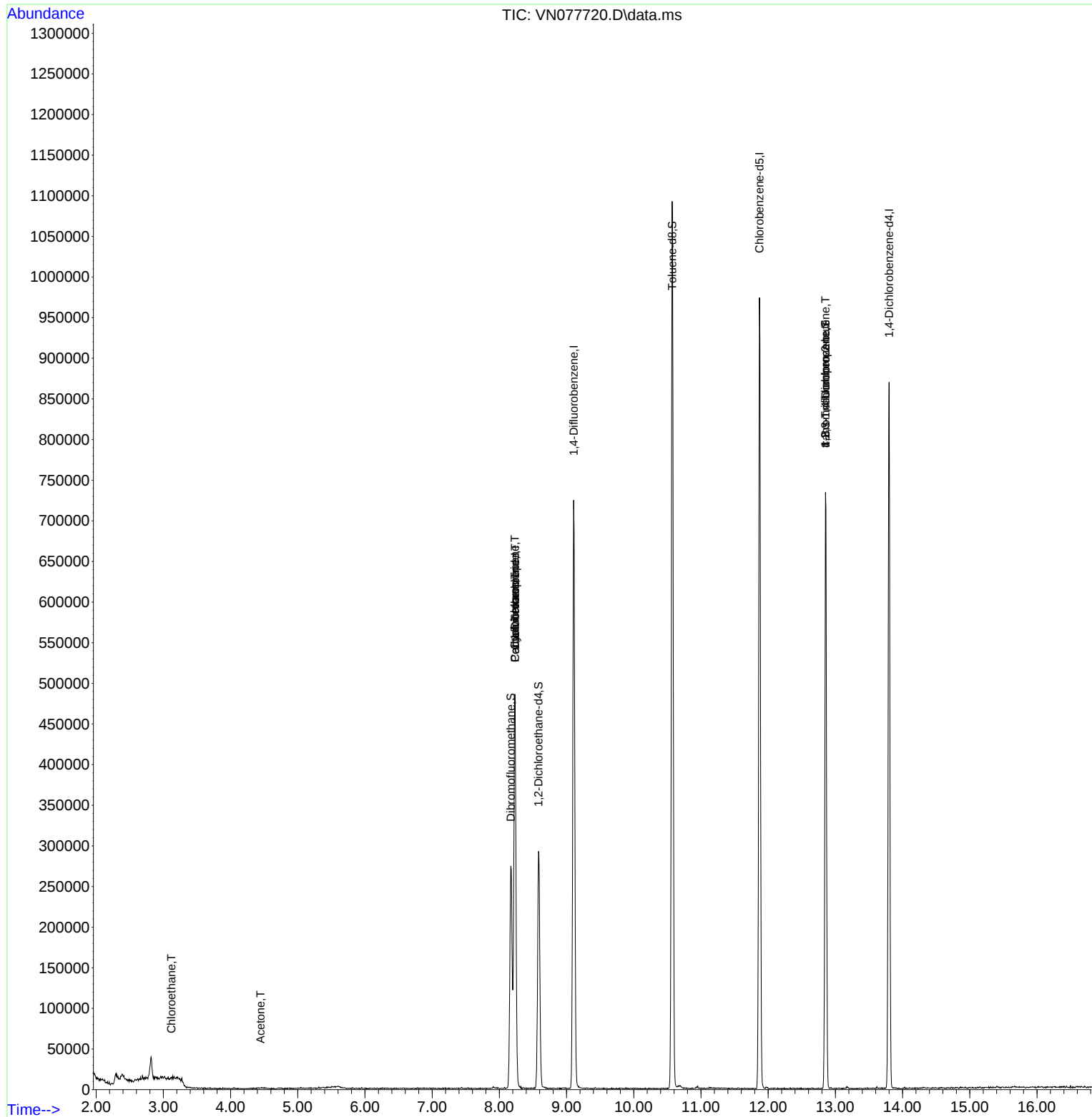
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.365	50	988	Below Cal		100
6) Chloroethane	3.118	64	724	0.203 ug/l	#	80
13) Acrolein	4.212	56	57	Below Cal	#	16
16) Acetone	4.447	43	853	0.526 ug/l	#	40
20) Methylene Chloride	5.283	84	101	Below Cal	#	13
31) Cyclohexane	8.229	56	8289	1.182 ug/l	#	46
36) 1,1-Dichloropropene	8.229	75	30759	5.032 ug/l	#	48
38) Carbon Tetrachloride	8.235	117	39456	6.393 ug/l	#	16
76) 1,2,3-Trichloropropane	12.853	75	136854	24.073 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	136854	76.950 ug/l	#	15

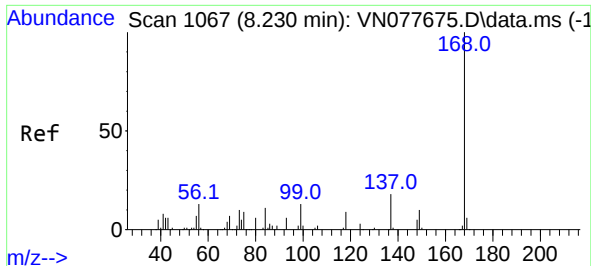
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
Data File : VN077720.D
Acq On : 17 May 2023 17:43
Operator : JC\MD
Sample : 02831-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MP-7

Quant Time: May 18 01:40:26 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

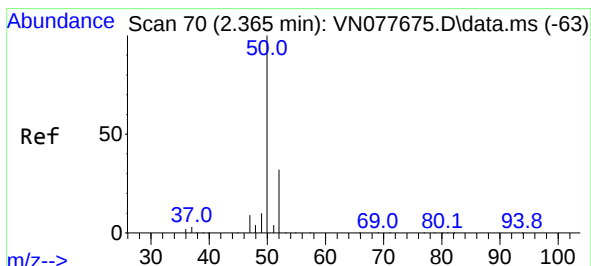
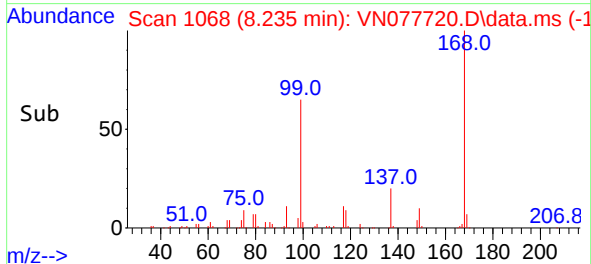
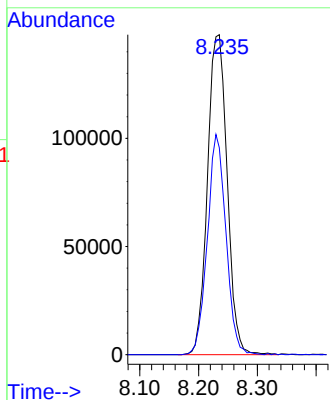
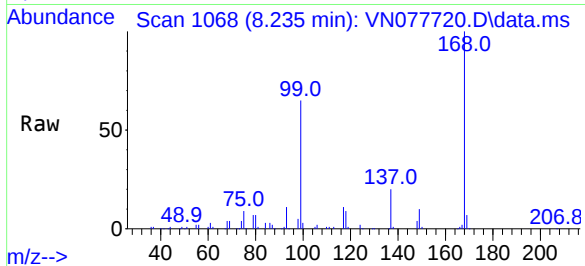




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

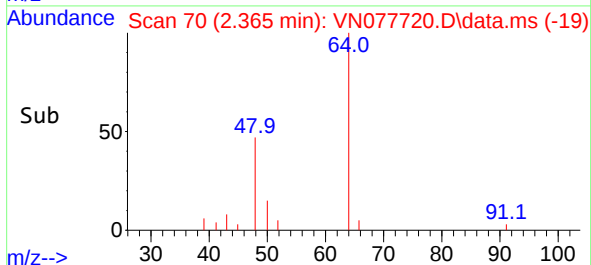
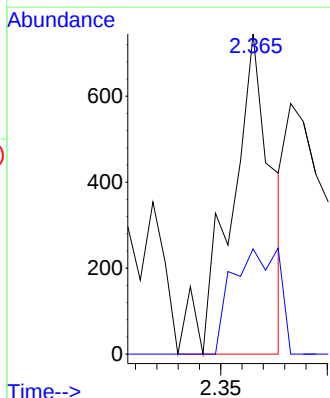
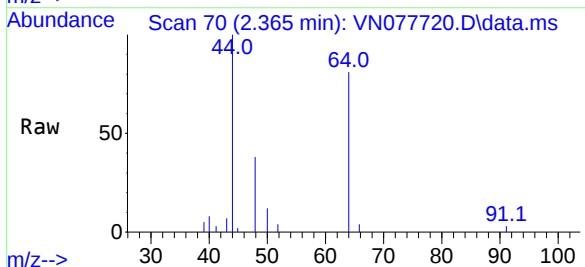
Instrument :
MSVOA_N
ClientSampleId :
MP-7

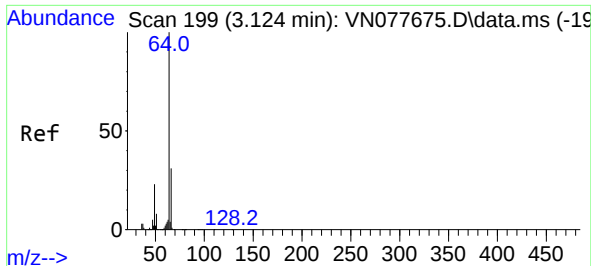
Tgt Ion:168 Resp: 344731
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

Tgt Ion: 50 Resp: 988
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

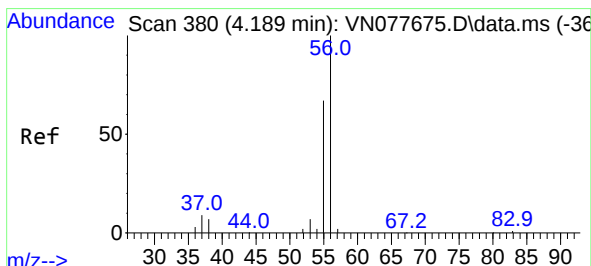
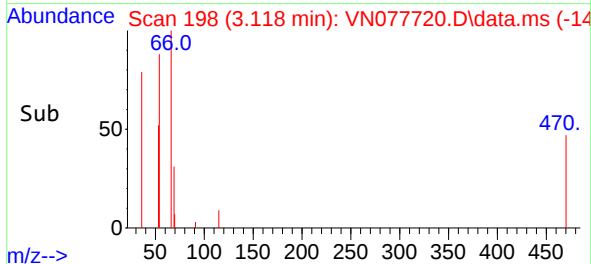
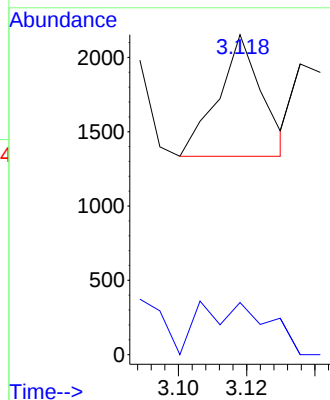
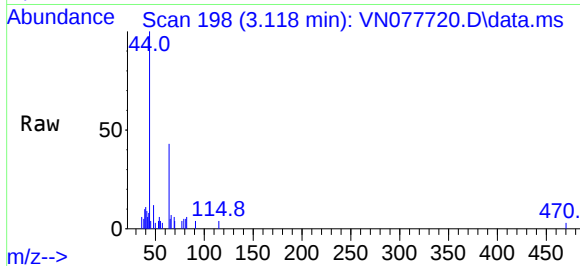




#6
Chloroethane
Concen: 0.203 ug/l
RT: 3.118 min Scan# 19
Delta R.T. -0.006 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

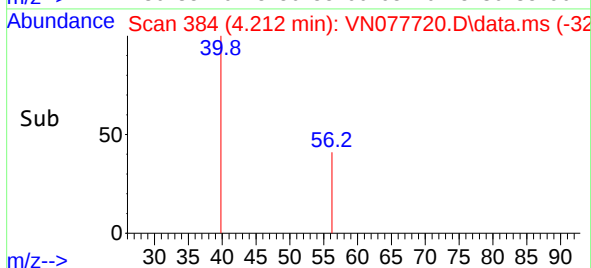
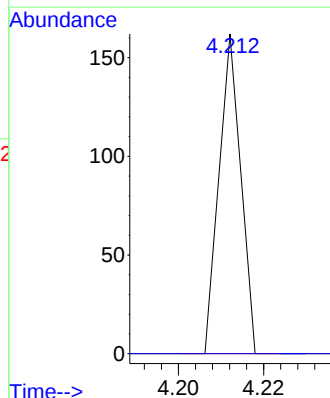
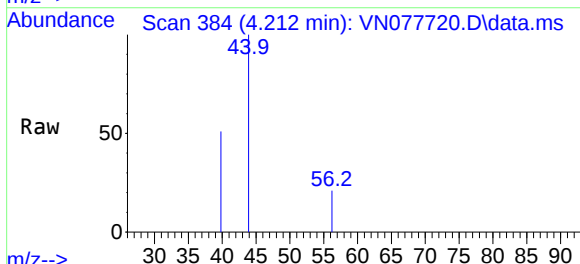
Instrument :
MSVOA_N
ClientSampleId :
MP-7

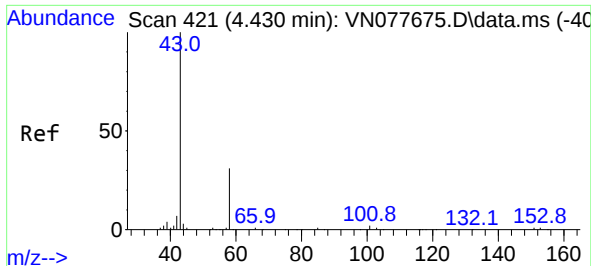
Tgt Ion: 64 Resp: 724
Ion Ratio Lower Upper
64 100
66 42.9 25.4 38.2#



#13
Acrolein
Concen: Below Cal
RT: 4.212 min Scan# 384
Delta R.T. 0.023 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

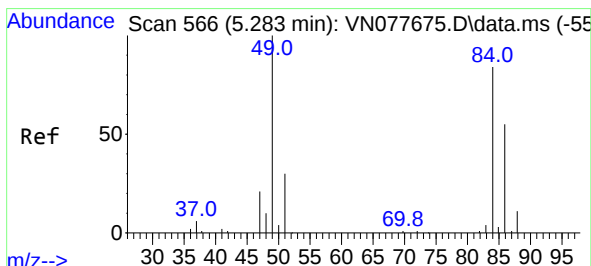
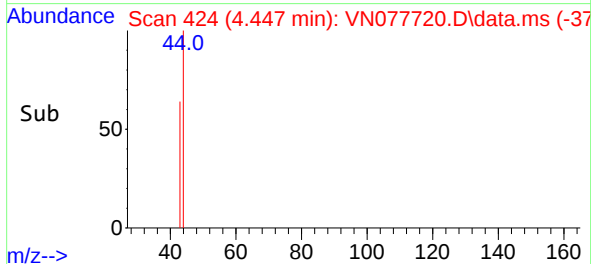
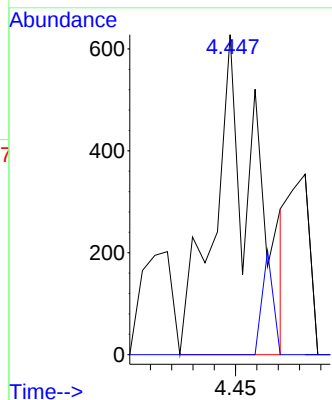
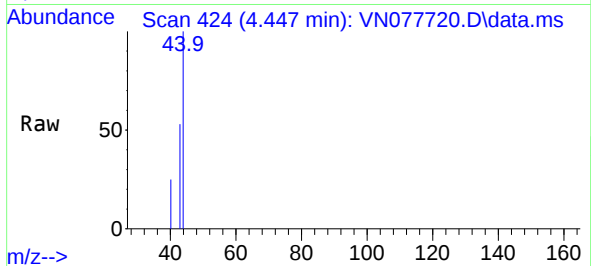




#16
Acetone
Concen: 0.526 ug/l
RT: 4.447 min Scan# 431
Delta R.T. 0.017 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

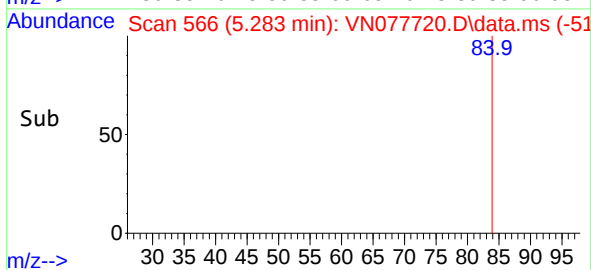
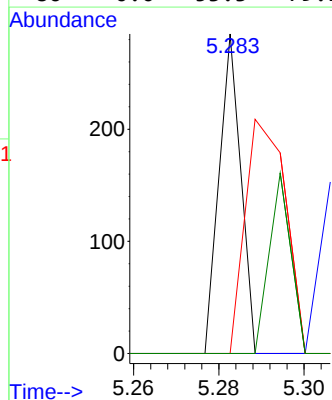
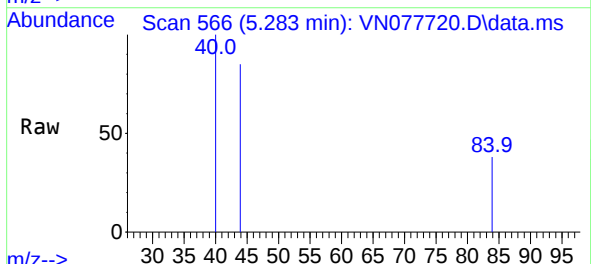
Instrument :
MSVOA_N
ClientSampleId :
MP-7

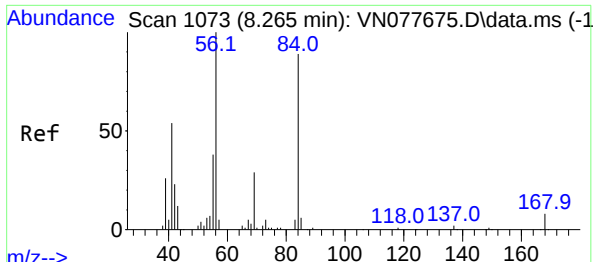
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

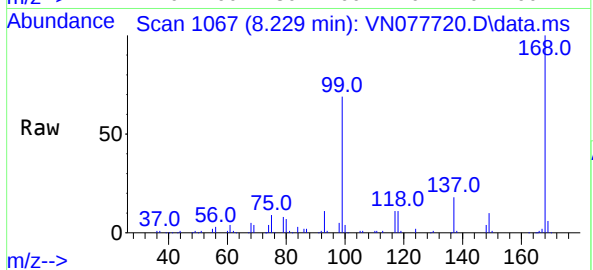
Tgt Ion: 84 Resp: 101
Ion Ratio Lower Upper
84 100
49 0.0 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



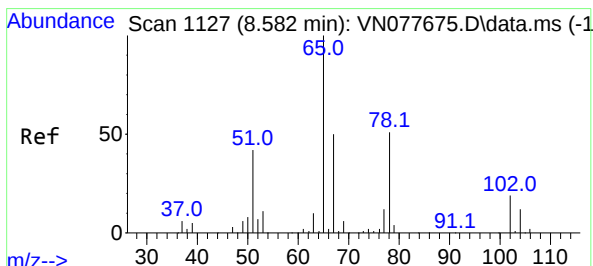
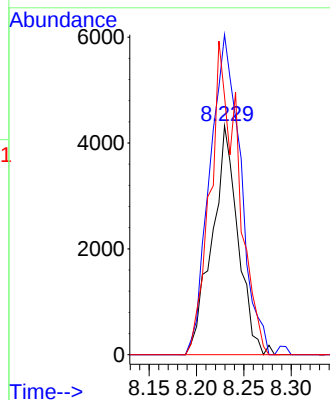
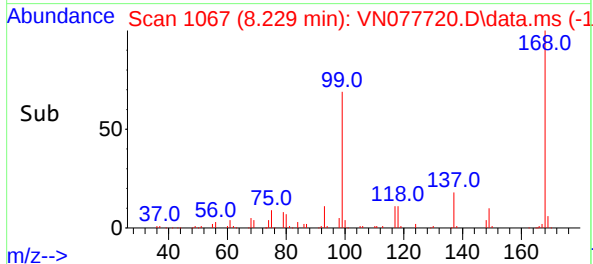


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :
MP-7

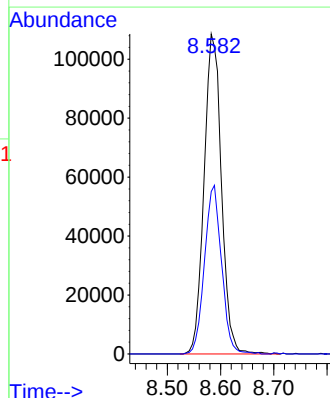
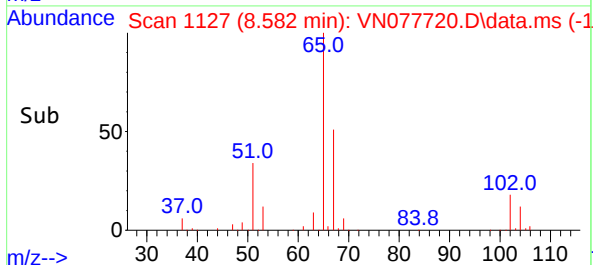
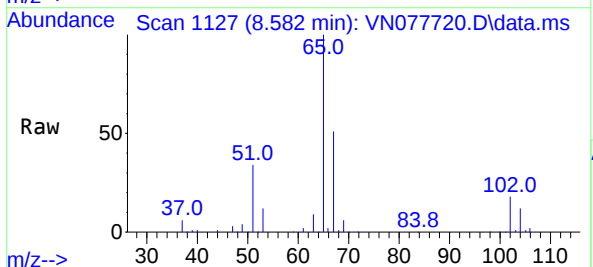


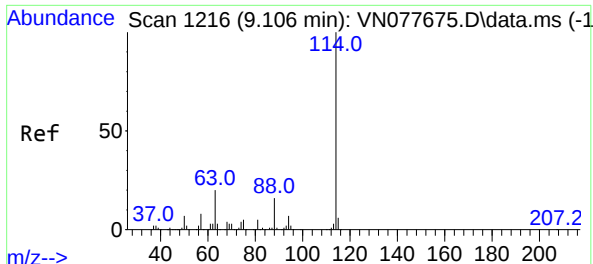
Tgt Ion: 56 Resp: 8289
Ion Ratio Lower Upper
56 100
69 139.8 26.8 40.2#
84 112.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 47.683 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

Tgt Ion: 65 Resp: 245951
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077720.D

Acq: 17 May 2023 17:43

Instrument :

MSVOA_N

ClientSampleId :

MP-7

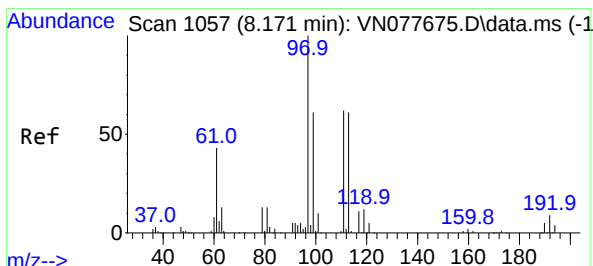
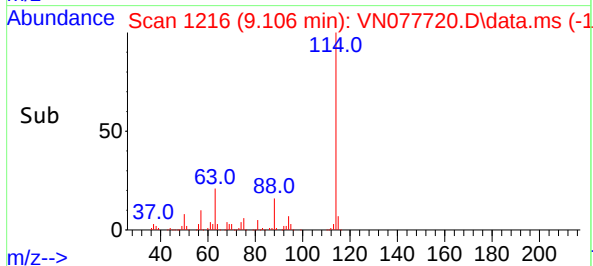
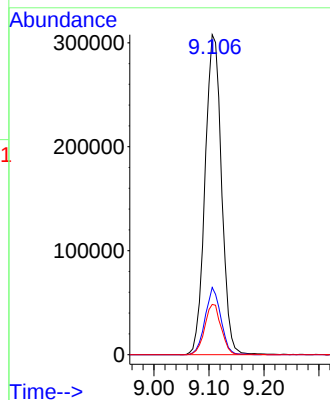
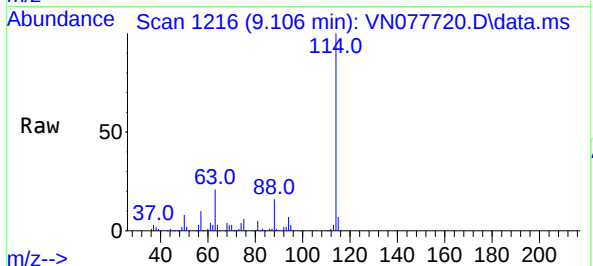
Tgt Ion:114 Resp: 640840

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.816 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077720.D

Acq: 17 May 2023 17:43

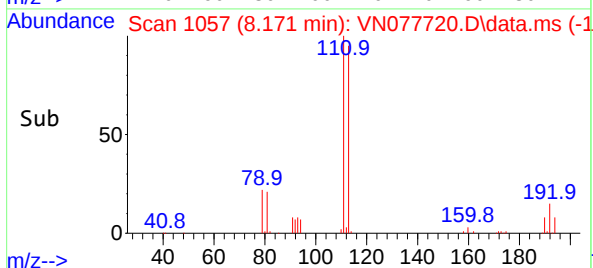
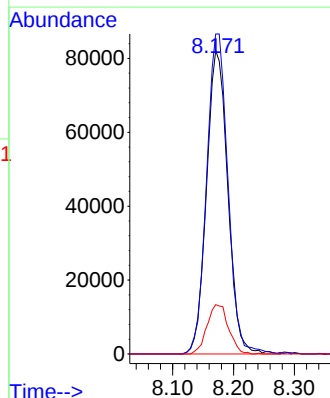
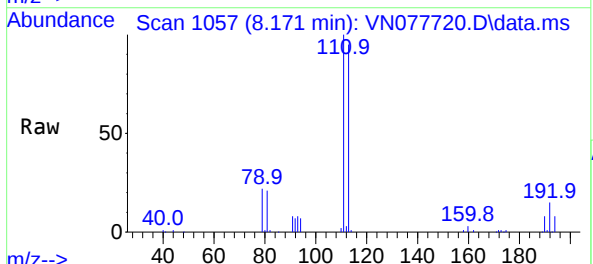
Tgt Ion:113 Resp: 199816

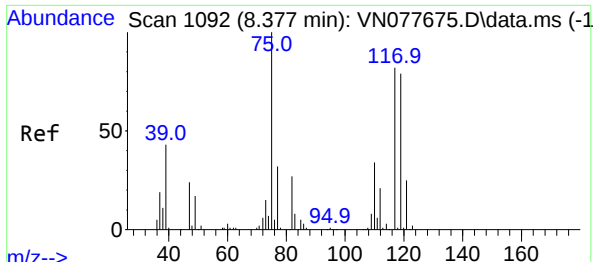
Ion Ratio Lower Upper

113 100

111 105.3 82.6 123.8

192 16.3 12.7 19.1

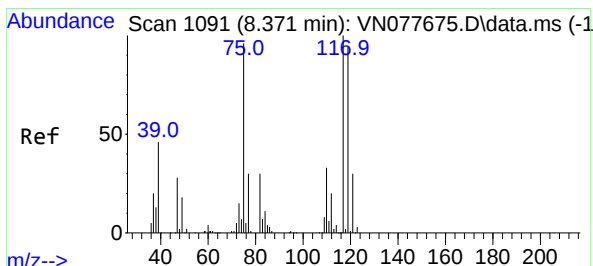
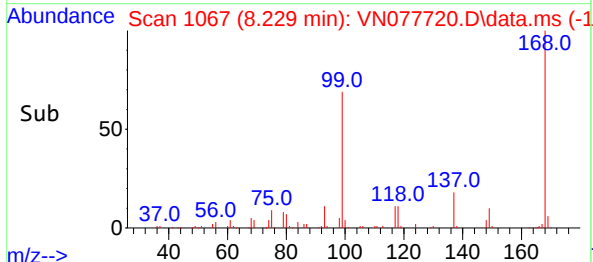
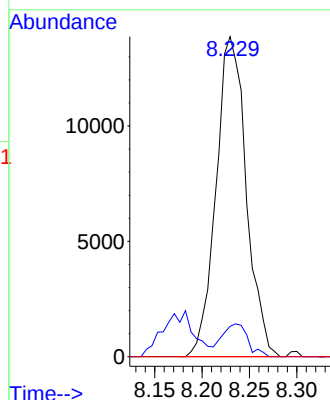
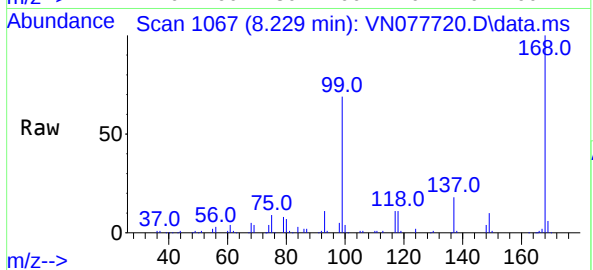




#36
1,1-Dichloropropene
Concen: 5.032 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

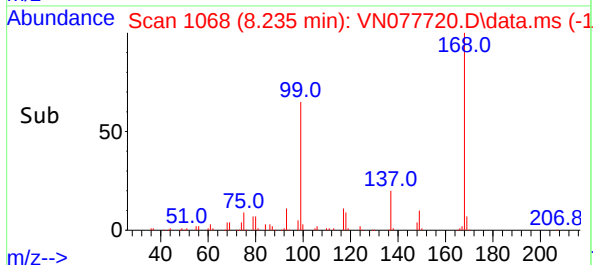
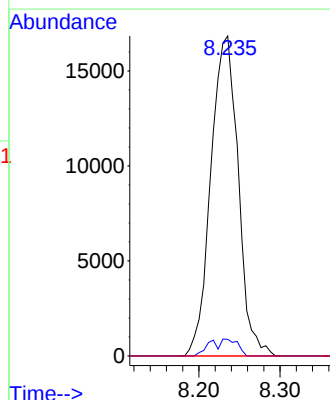
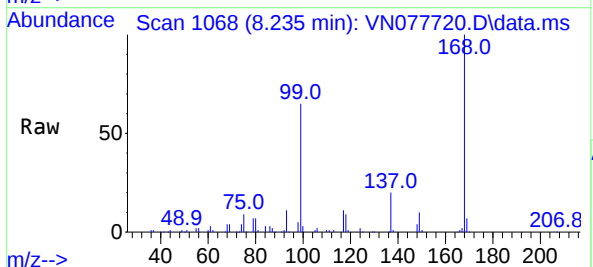
Instrument :
MSVOA_N
ClientSampleId :
MP-7

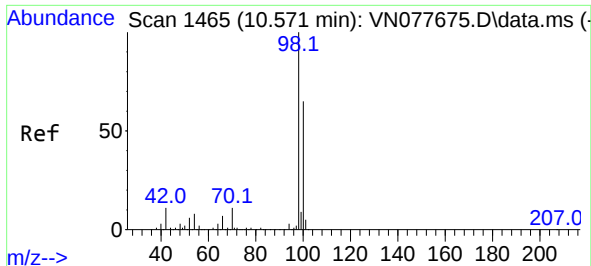
Tgt Ion: 75 Resp: 30759
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.393 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

Tgt Ion: 117 Resp: 39456
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 23.3 34.9#

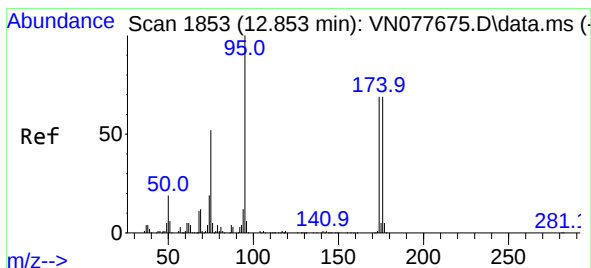
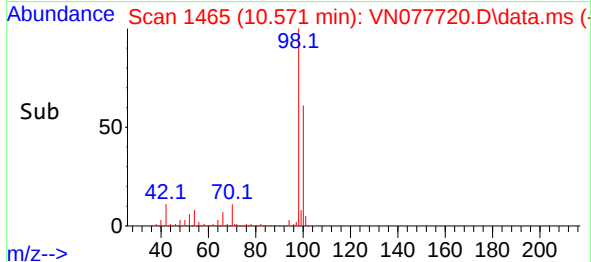
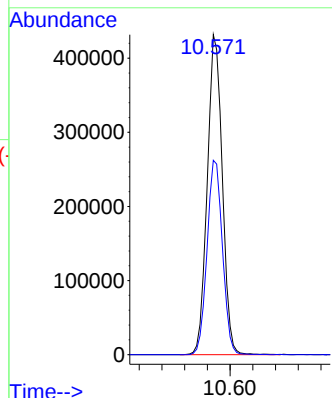
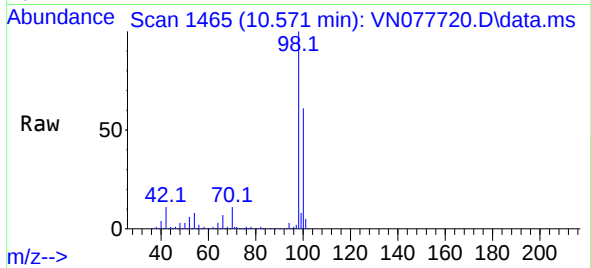




#50
Toluene-d8
Concen: 49.192 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

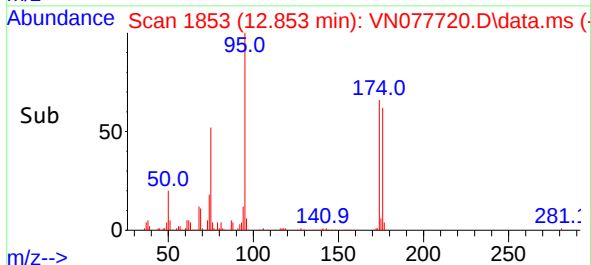
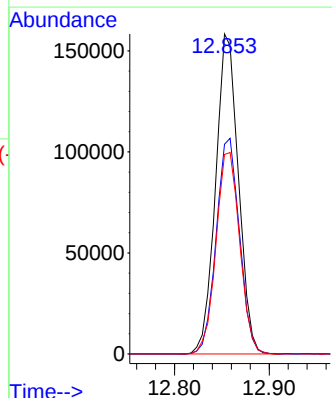
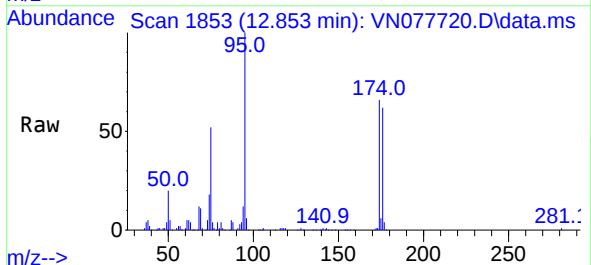
Instrument :
MSVOA_N
ClientSampleId :
MP-7

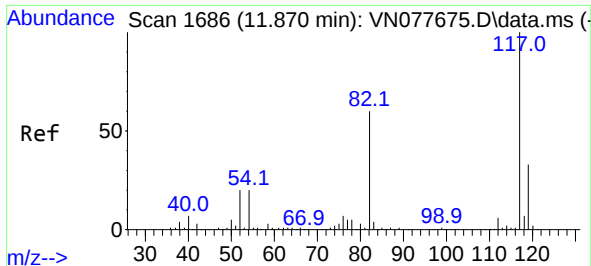
Tgt Ion: 98 Resp: 791230
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.641 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

Tgt Ion: 95 Resp: 264956
Ion Ratio Lower Upper
95 100
174 68.8 0.0 143.8
176 65.4 0.0 135.8

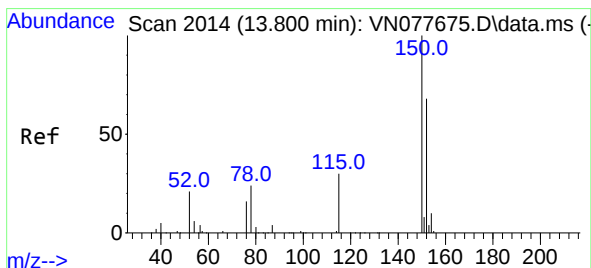
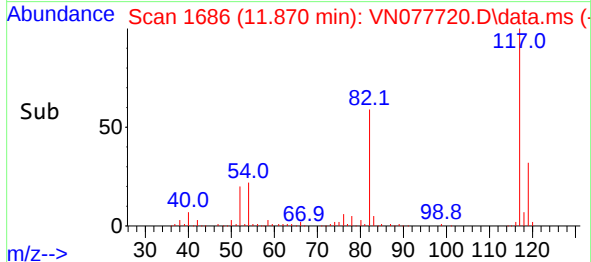
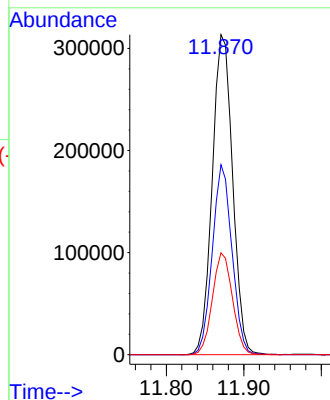
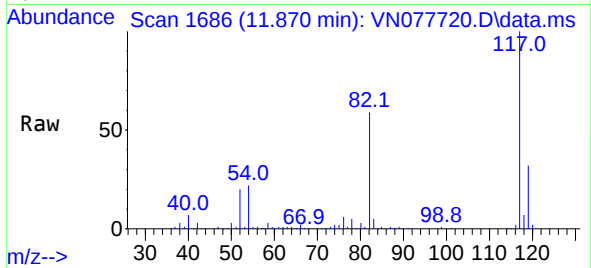




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

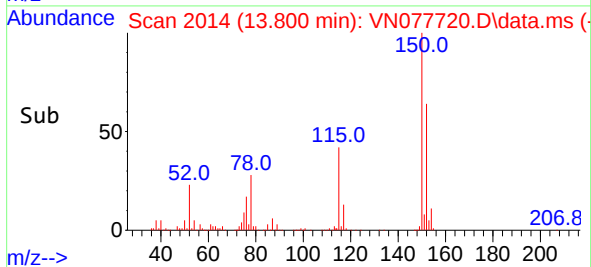
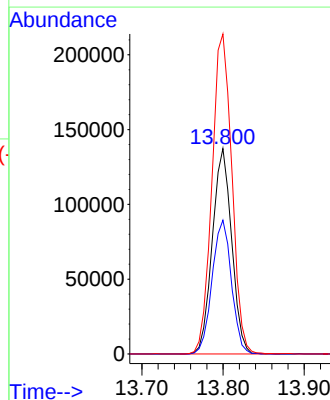
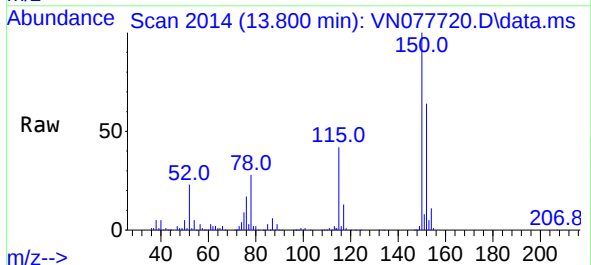
Instrument :
MSVOA_N
ClientSampleId :
MP-7

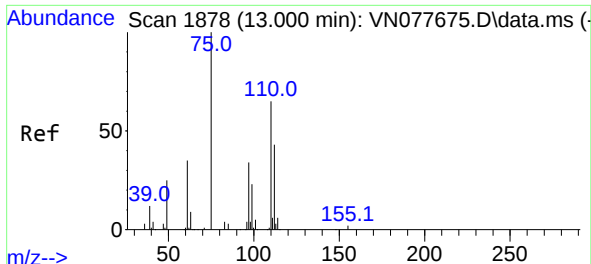
Tgt Ion:117 Resp: 573245
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

Tgt Ion:152 Resp: 227001
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 160.5 0.0 355.8

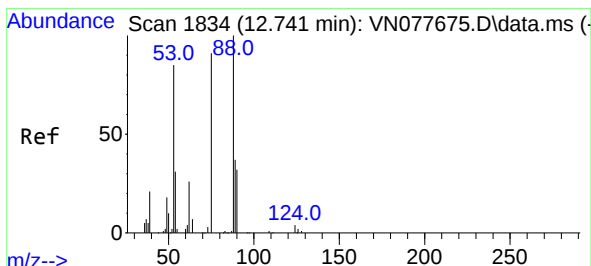
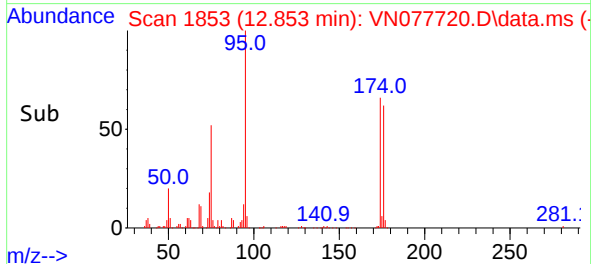
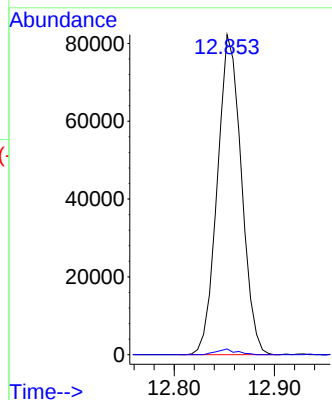
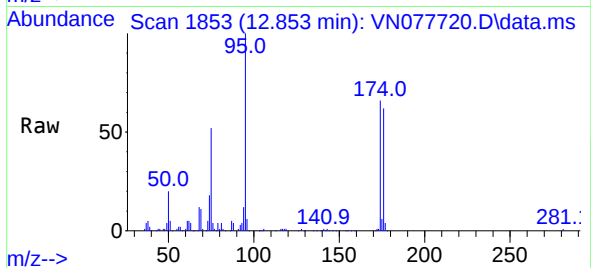




#76
1,2,3-Trichloropropane
Concen: 24.073 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :
MP-7

Tgt Ion: 75 Resp: 136854
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.950 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077720.D
Acq: 17 May 2023 17:43

Tgt Ion: 75 Resp: 136854
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

