

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077692.D
 Acq On : 16 May 2023 15:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 17 04:01:29 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)

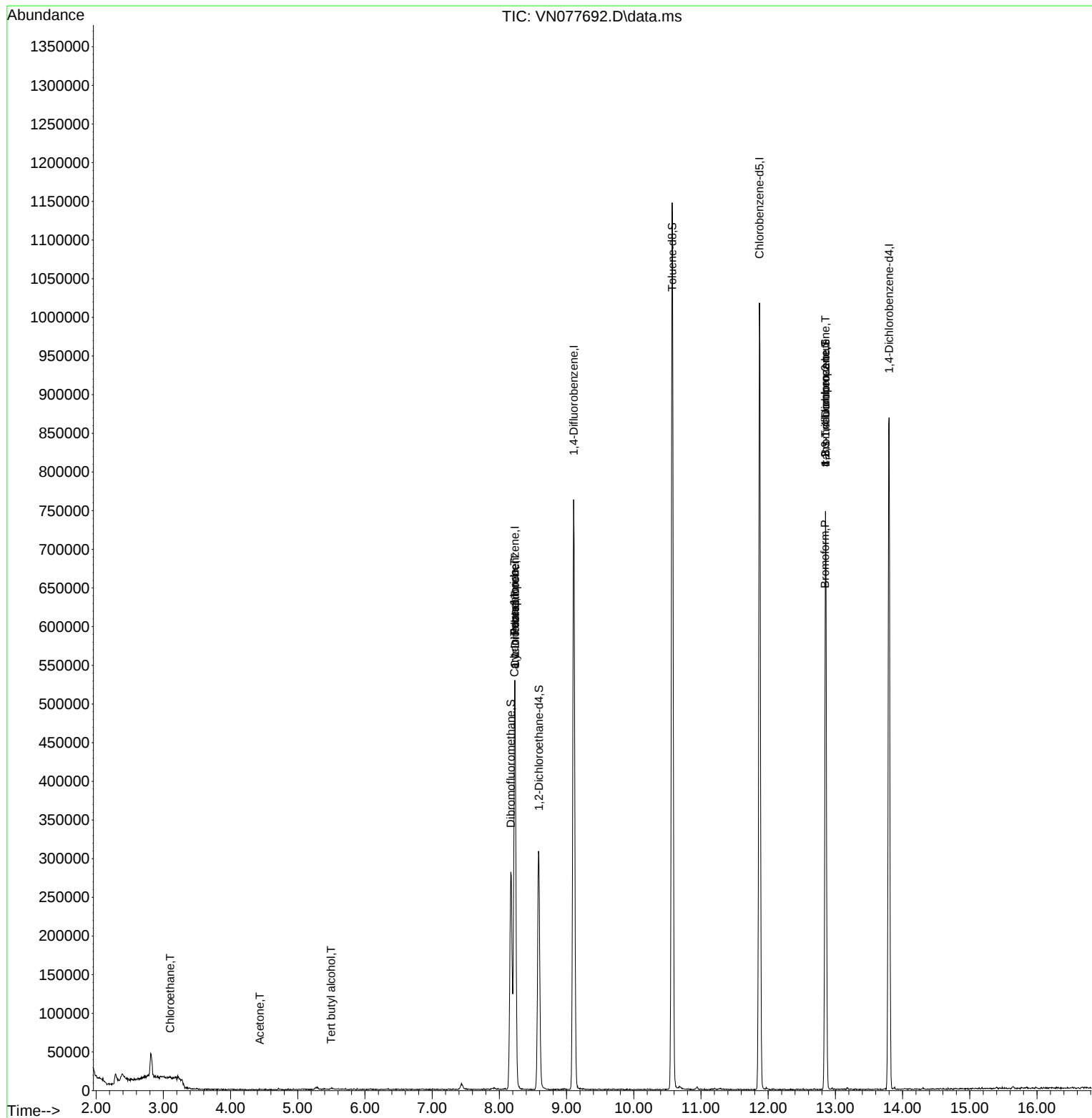
Internal Standards						
1) Pentafluorobenzene	8.229	168	357381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	662509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	583796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257939	48.237	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	8.171	113	207132	47.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	10.570	98	819181	49.263	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.853	95	265808	45.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.520%
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	1693	Below Cal		93
6) Chloroethane	3.100	64	2109	0.571 ug/l #		43
11) Tert butyl alcohol	5.494	59	566	0.767 ug/l #		72
13) Acrolein	4.200	56	55	Below Cal #		49
16) Acetone	4.436	43	621	0.369 ug/l #		40
20) Methylene Chloride	5.294	84	1790	Below Cal #		51
31) Cyclohexane	8.235	56	9362	1.288 ug/l #		53
36) 1,1-Dichloropropene	8.235	75	33082	5.235 ug/l #		48
38) Carbon Tetrachloride	8.224	117	39022	6.116 ug/l #		16
71) Bromoform	12.847	173	1838	0.631 ug/l #		1
76) 1,2,3-Trichloropropane	12.853	75	144157	25.220 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	144157	80.616 ug/l #		15

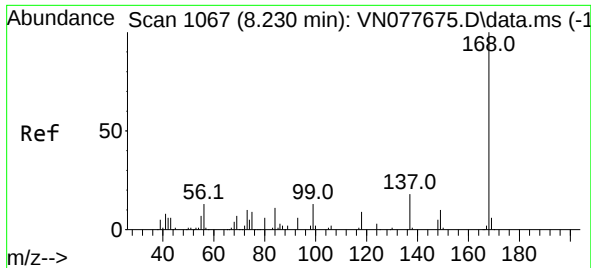
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
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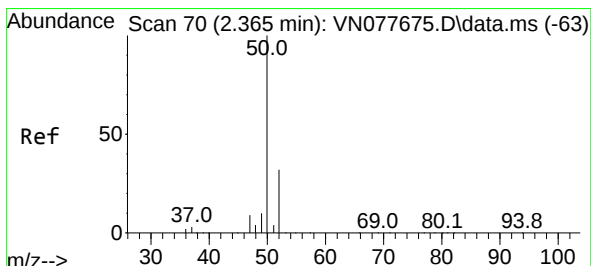
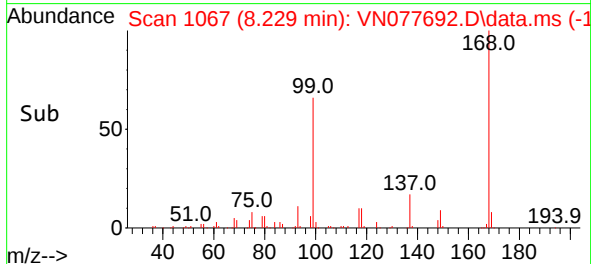
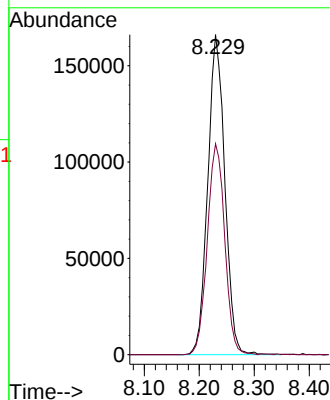
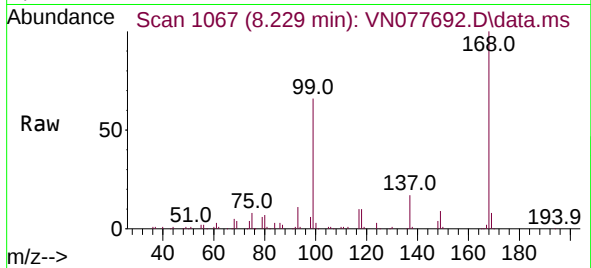




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

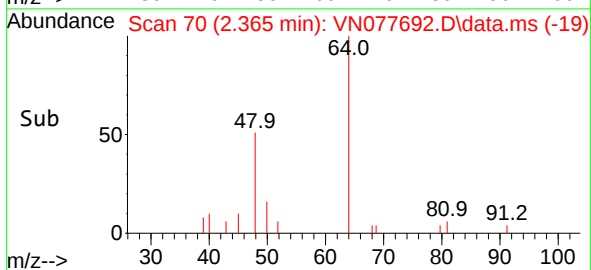
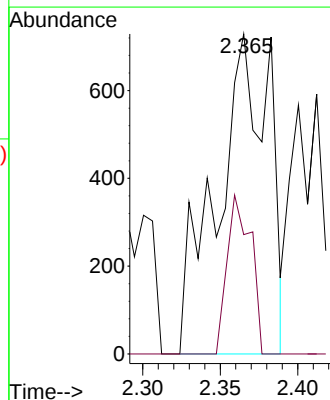
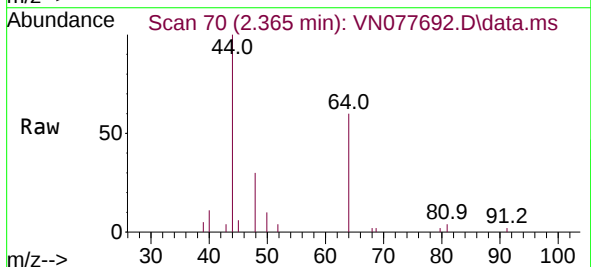
Instrument :
MSVOA_N
ClientSampleId :
IBLK

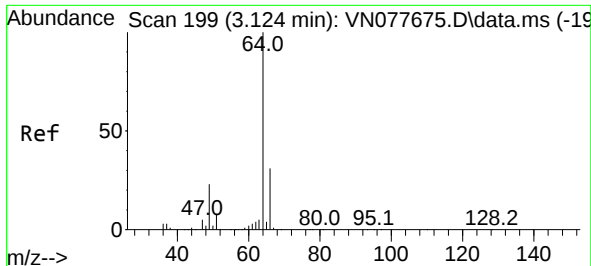
Tgt Ion:168 Resp: 357381
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion: 50 Resp: 1693
Ion Ratio Lower Upper
50 100
52 37.3 26.5 39.7

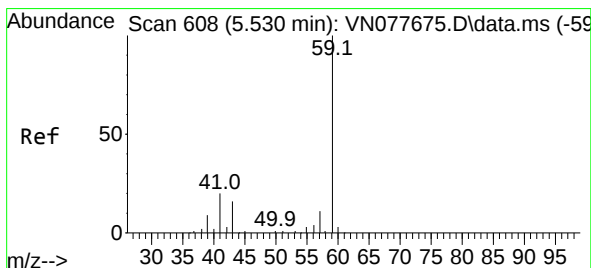
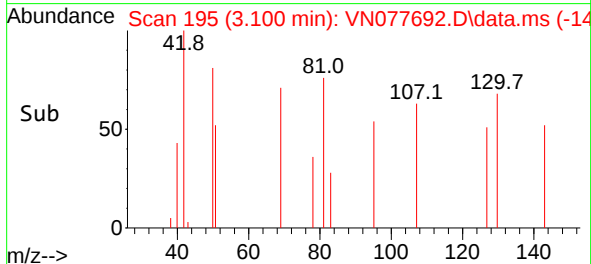
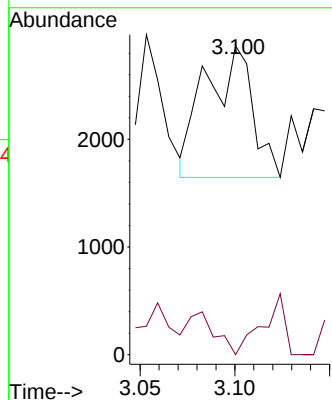
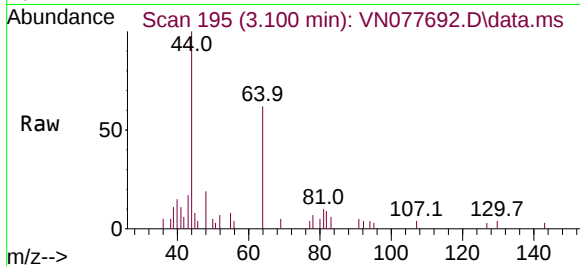




#6
Chloroethane
Concen: 0.571 ug/l
RT: 3.100 min Scan# 199
Delta R.T. -0.024 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

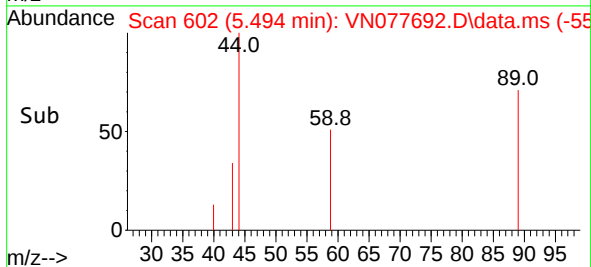
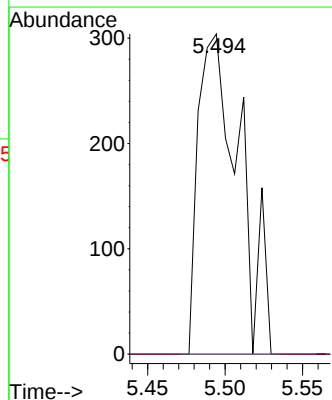
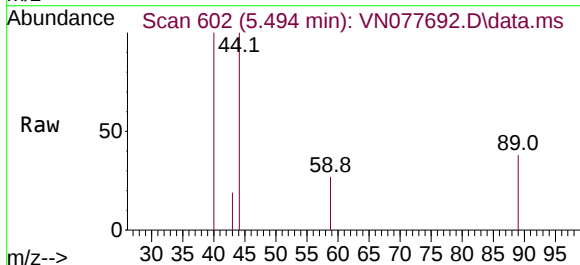
Instrument :
MSVOA_N
ClientSampleId :
IBLK

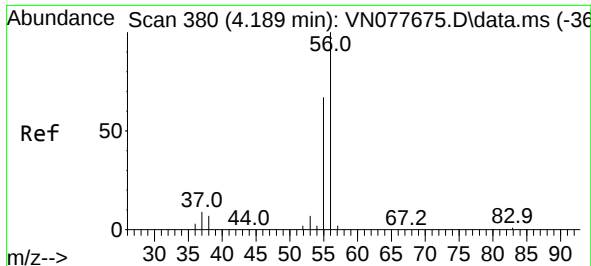
Tgt Ion: 64 Resp: 2109
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.767 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.036 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion: 59 Resp: 566
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

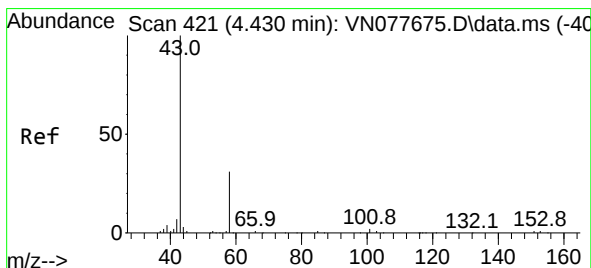
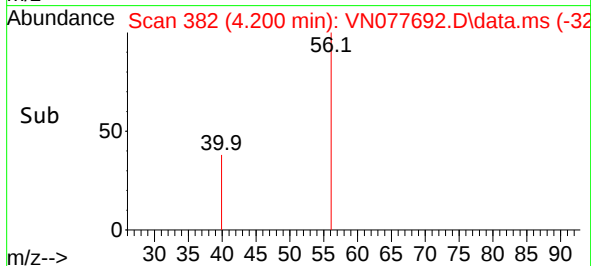
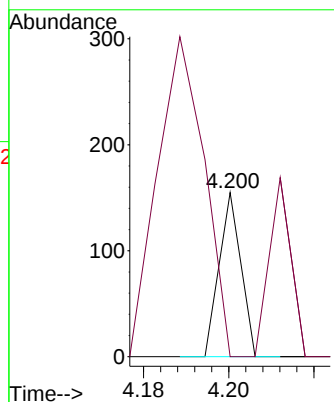
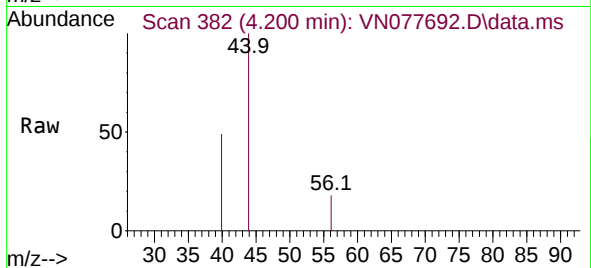




#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 381
Delta R.T. 0.011 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

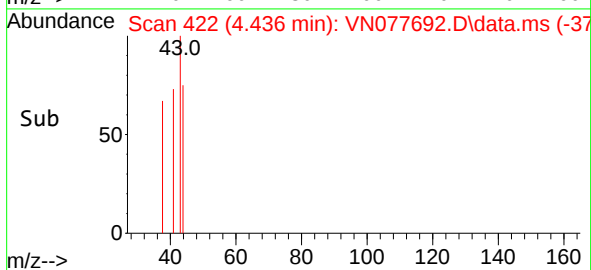
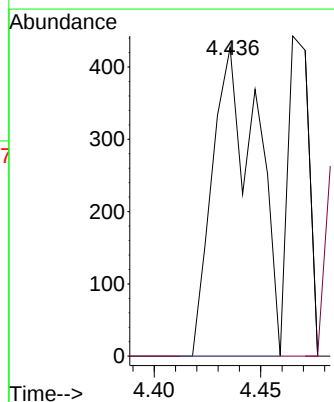
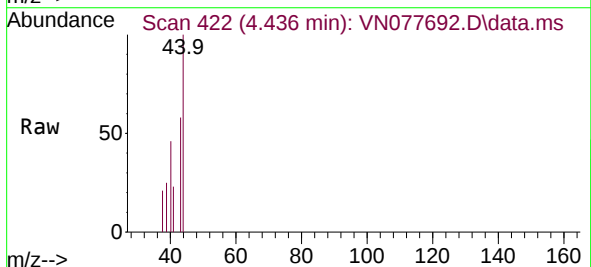
Instrument :
MSVOA_N
ClientSampleId :
IBLK

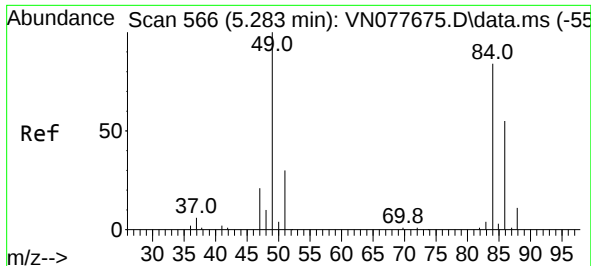
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 109.1 54.5 81.7#



#16
Acetone
Concen: 0.369 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

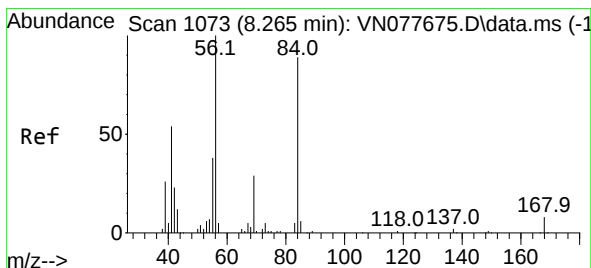
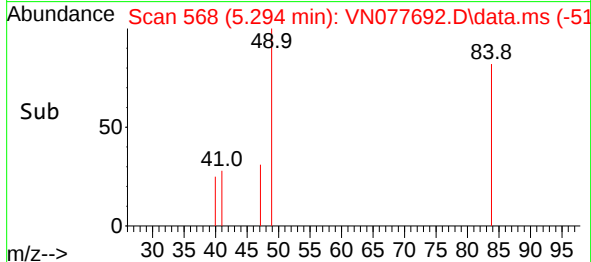
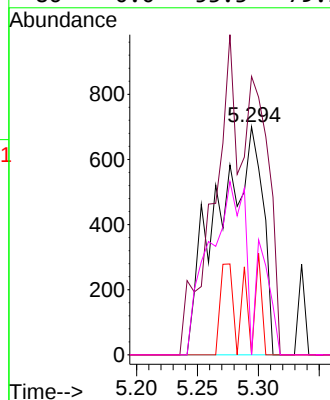
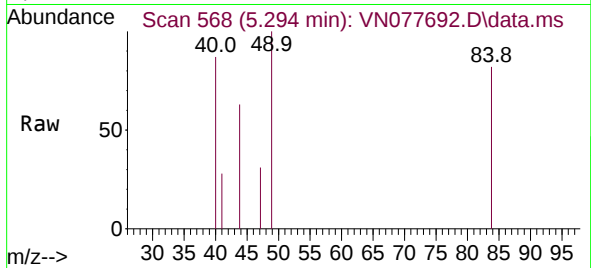




#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

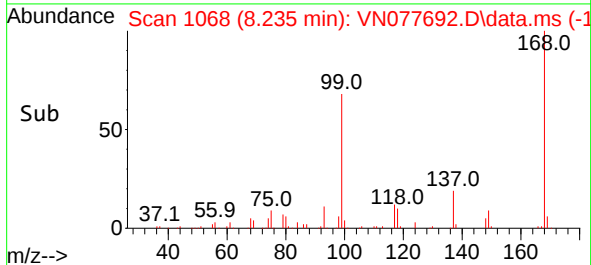
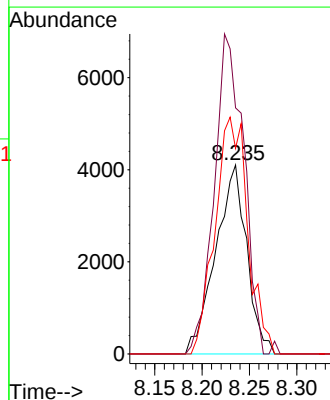
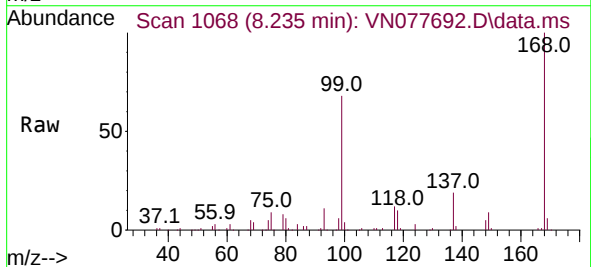
Instrument :
MSVOA_N
ClientSampleId :
IBLK

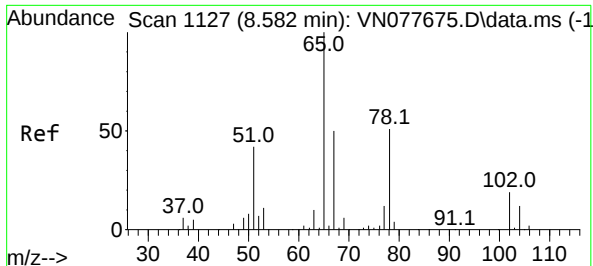
Tgt Ion:	84	Resp:	1790
Ion	Ratio	Lower	Upper
84	100		
49	122.1	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#



#31
Cyclohexane
Concen: 1.288 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion:	56	Resp:	9362
Ion	Ratio	Lower	Upper
56	100		
69	130.2	26.8	40.2#
84	108.7	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 48.237 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077692.D

Acq: 16 May 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

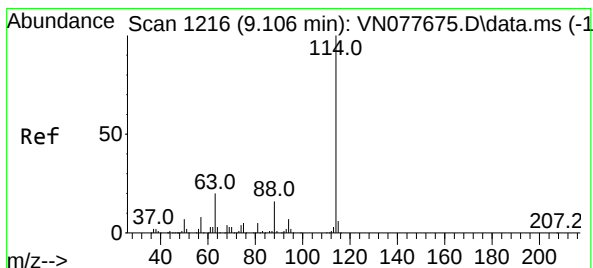
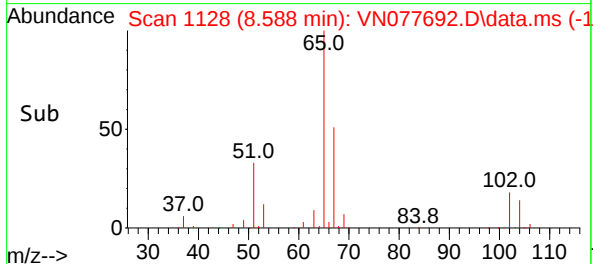
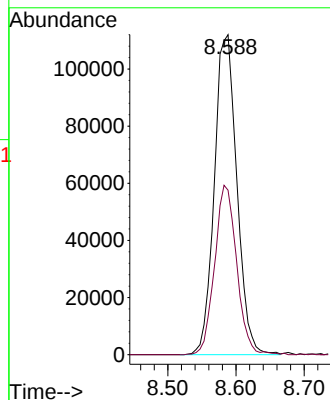
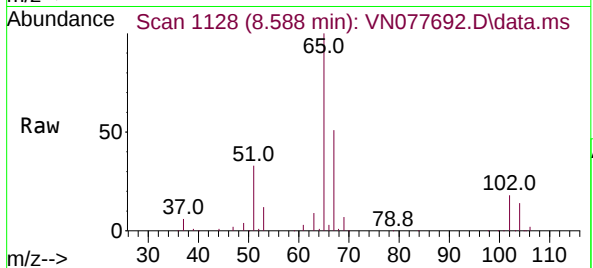
IBLK

Tgt Ion: 65 Resp: 257939

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077692.D

Acq: 16 May 2023 15:03

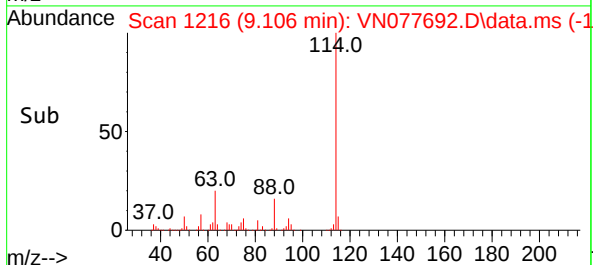
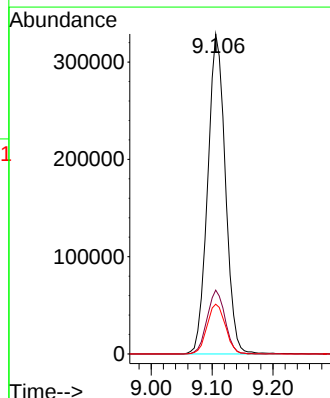
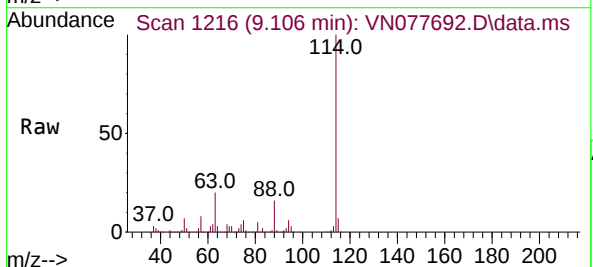
Tgt Ion: 114 Resp: 662509

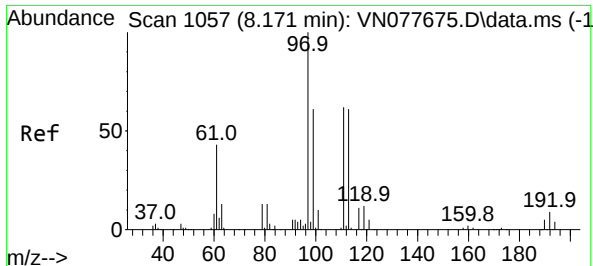
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.946 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077692.D

Acq: 16 May 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

IBLK

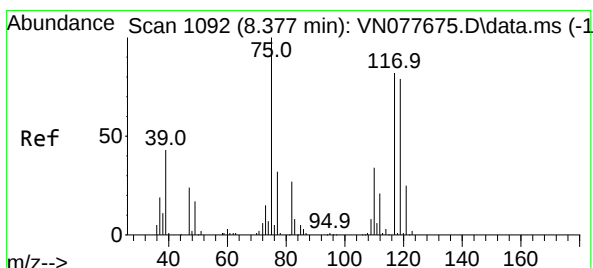
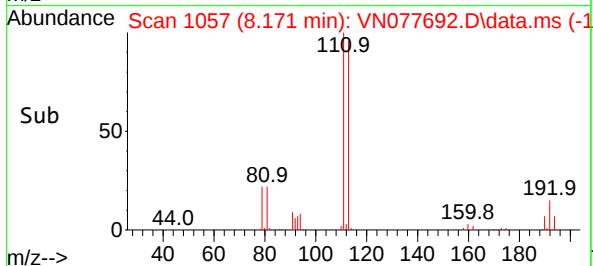
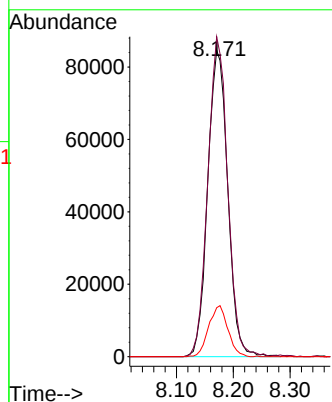
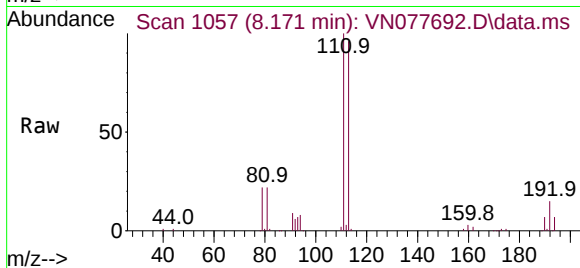
Tgt Ion:113 Resp: 207132

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.235 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

Lab File: VN077692.D

Acq: 16 May 2023 15:03

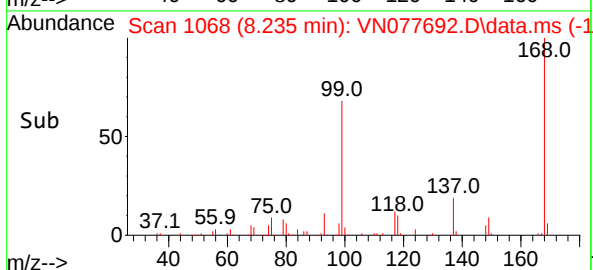
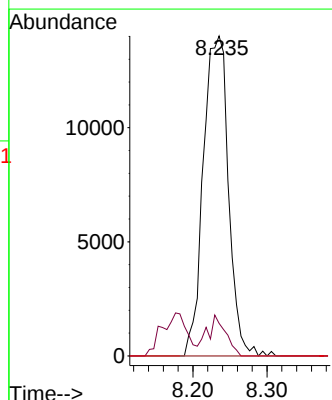
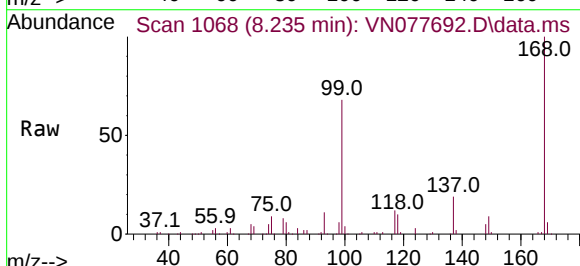
Tgt Ion: 75 Resp: 33082

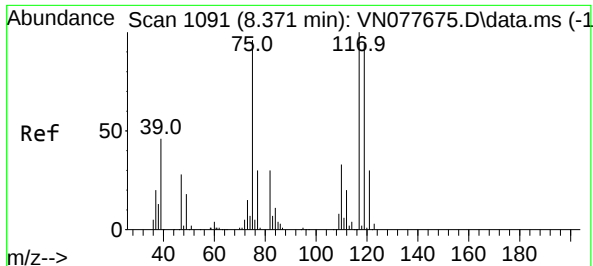
Ion Ratio Lower Upper

75 100

110 9.3 19.1 57.3#

77 0.0 25.0 37.4#

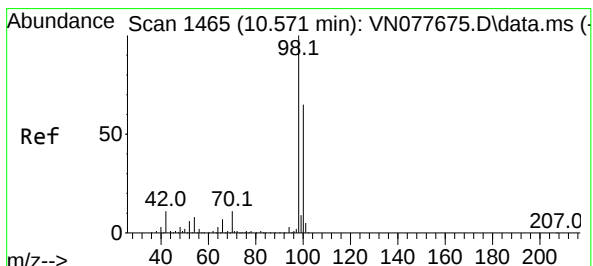
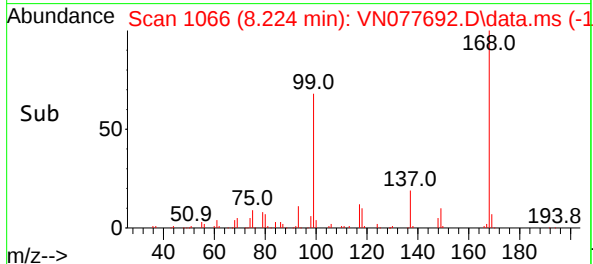
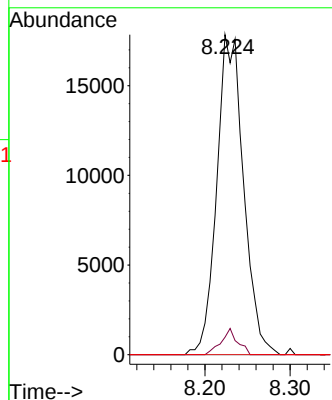
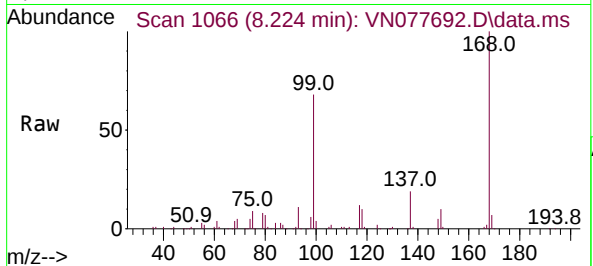




#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

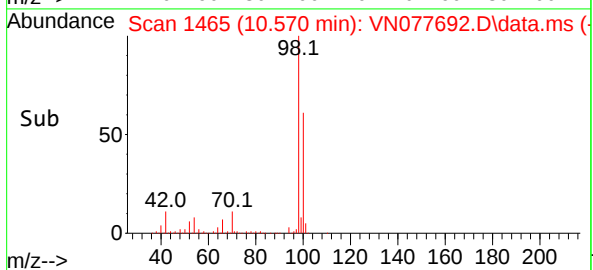
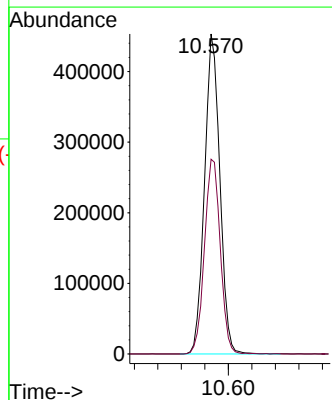
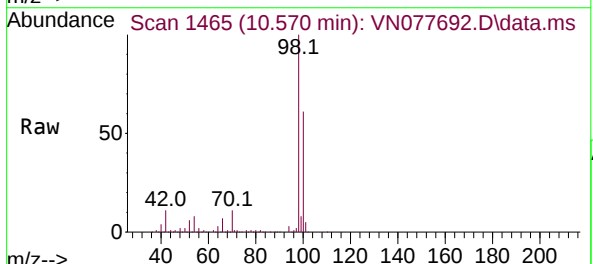
Instrument :
MSVOA_N
ClientSampleId :
IBLK

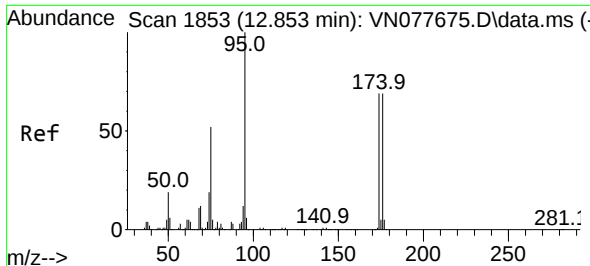
Tgt Ion:117 Resp: 39022
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 49.263 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion: 98 Resp: 819181
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

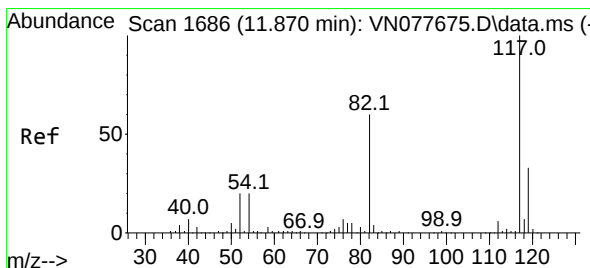
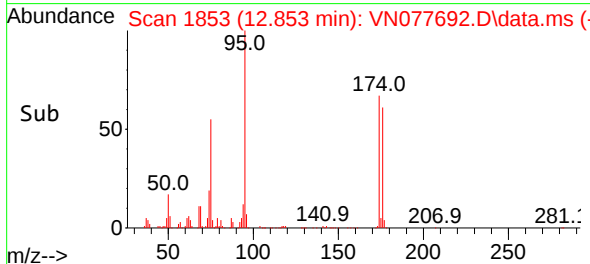
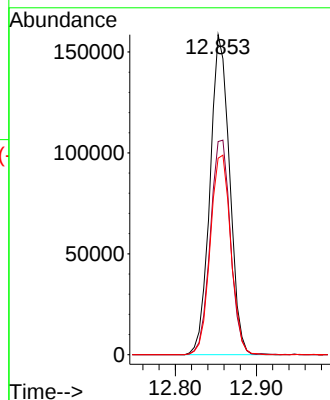
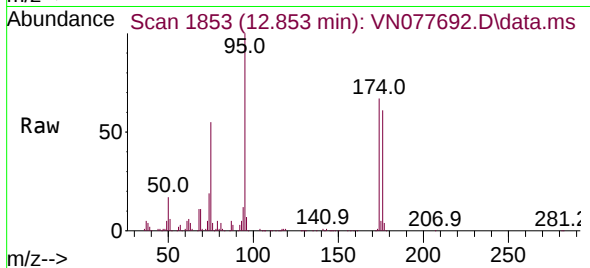




#62
4-Bromofluorobenzene
Concen: 45.260 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

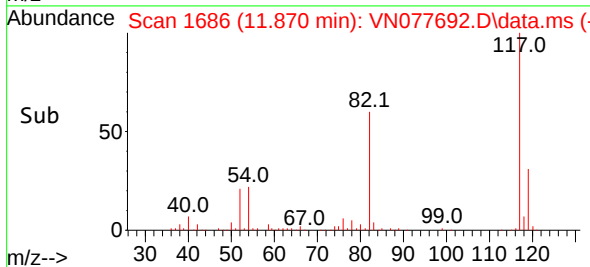
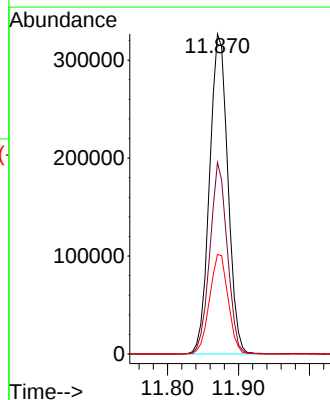
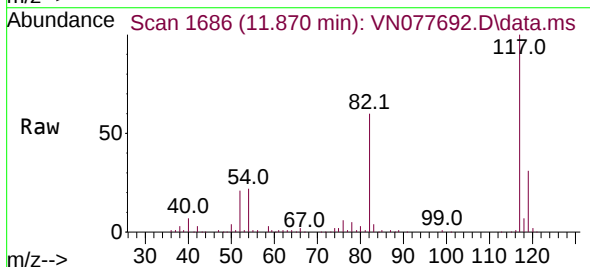
Instrument :
MSVOA_N
ClientSampleId :
IBLK

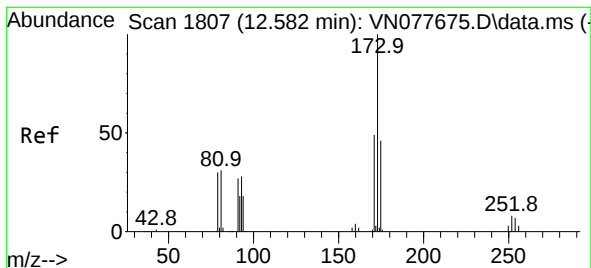
Tgt Ion: 95 Resp: 265808
Ion Ratio Lower Upper
95 100
174 69.0 0.0 143.8
176 65.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion: 117 Resp: 583796
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 31.1 25.6 38.4





#71

Bromoform

Concen: 0.631 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN077692.D

Acq: 16 May 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

IBLK

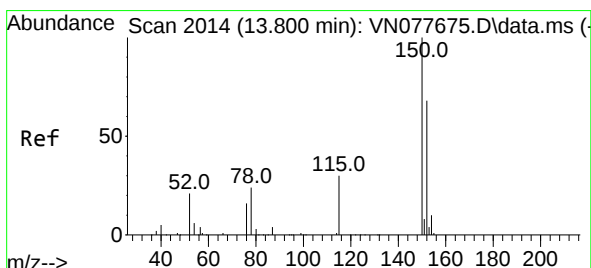
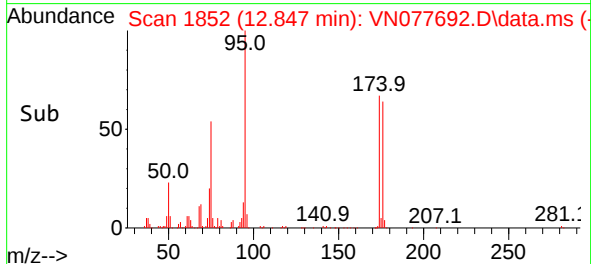
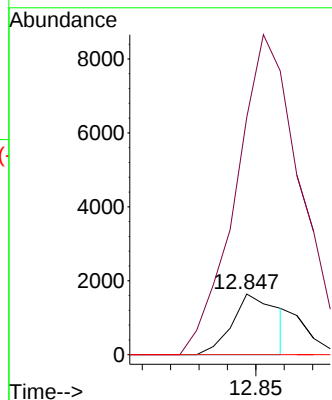
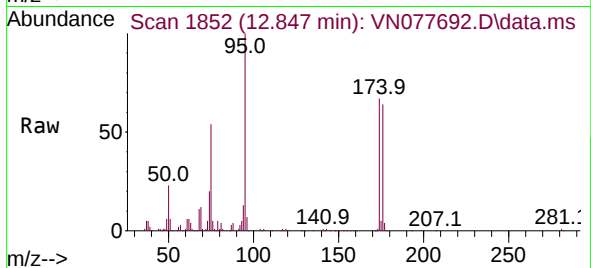
Tgt Ion:173 Resp: 1838

Ion Ratio Lower Upper

173 100

175 551.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077692.D

Acq: 16 May 2023 15:03

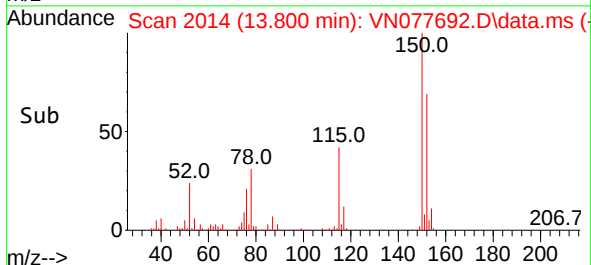
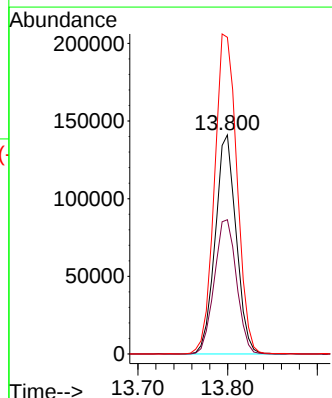
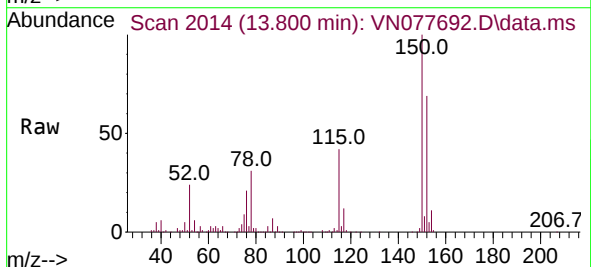
Tgt Ion:152 Resp: 228242

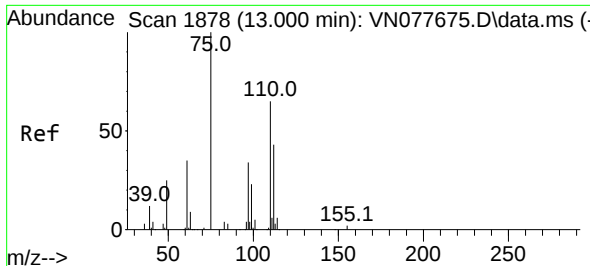
Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 156.7 0.0 355.8

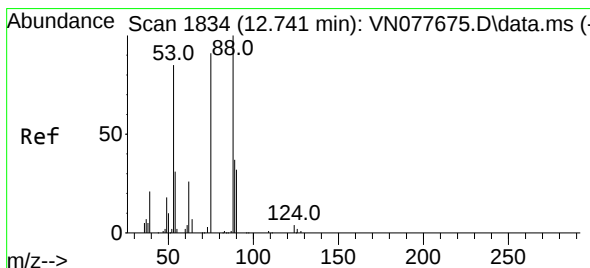
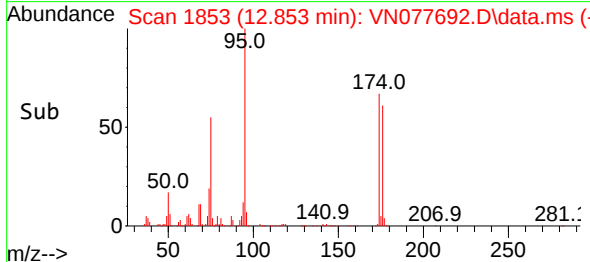
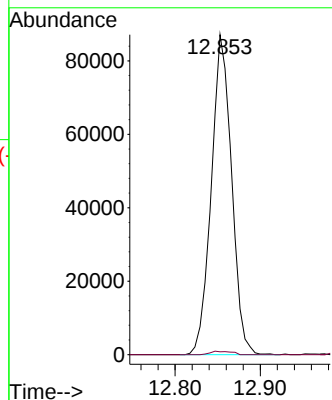
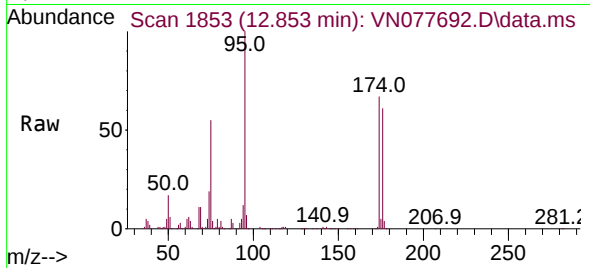




#76
1,2,3-Trichloropropane
Concen: 25.220 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 144157
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.616 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion: 75 Resp: 144157
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

