

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013579.D
 Acq On : 03 May 2023 14:13
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 04 01:20:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

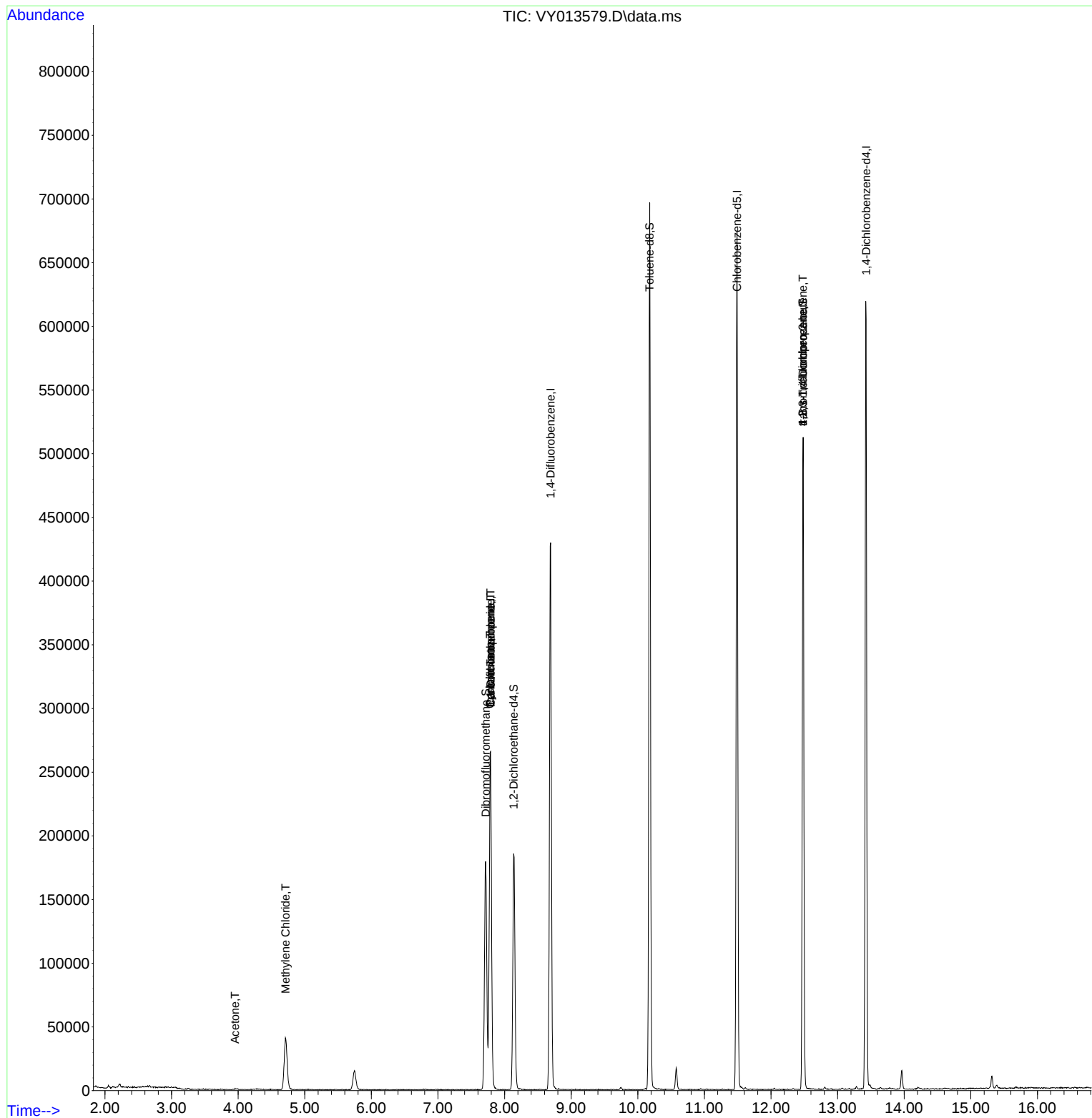
Internal Standards						
1) Pentafluorobenzene	7.789	168	209819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	357531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	348526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	152852	66.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.920%	
35) Dibromofluoromethane	7.716	113	124236	55.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.500%	
50) Toluene-d8	10.179	98	440473	55.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.120%	
62) 4-Bromofluorobenzene	12.477	95	141044	52.299	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.600%	
Target Compounds						
					Qvalue	
13) Acrolein	3.735	56	20	Below Cal	#	16
16) Acetone	3.954	43	954	1.053	ug/l	89
20) Methylene Chloride	4.710	84	29582	2.786	ug/l	87
31) Cyclohexane	7.783	56	4621	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15754	4.221	ug/l #	49
38) Carbon Tetrachloride	7.789	117	19854	5.076	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	76995	35.203	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76995	72.009	ug/l #	13

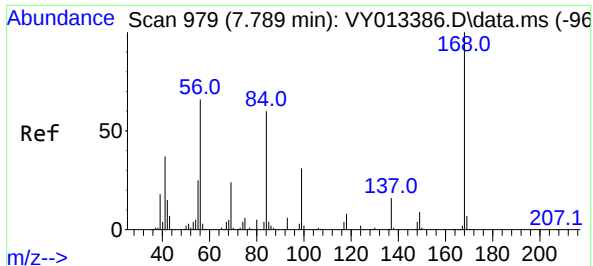
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

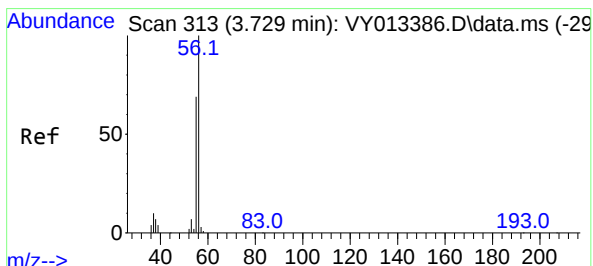
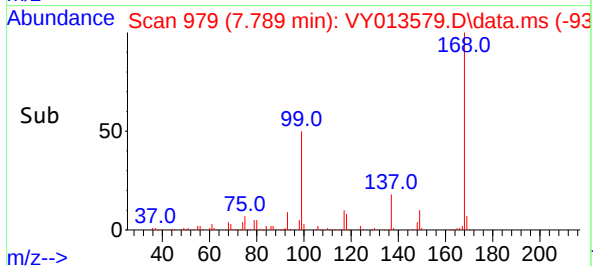
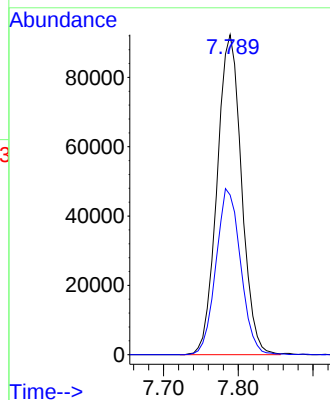
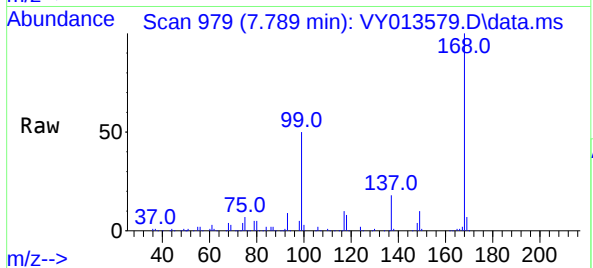




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

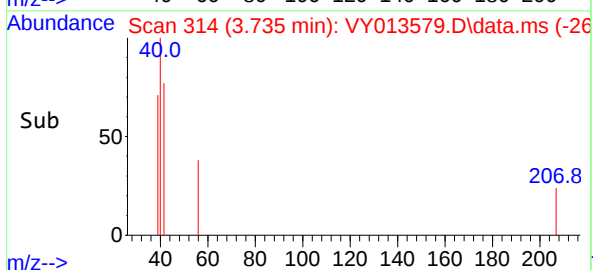
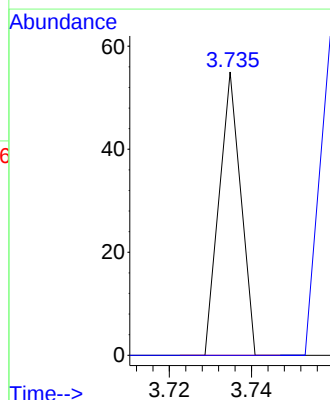
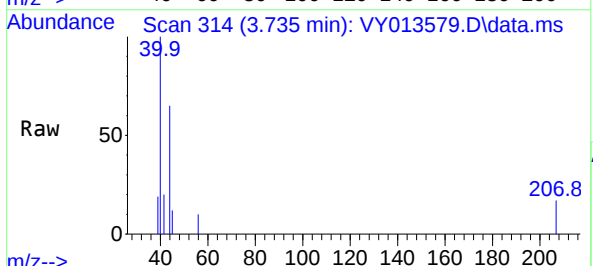
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

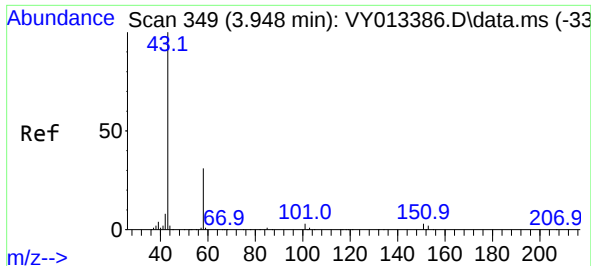
Tgt Ion:168 Resp: 209819
Ion Ratio Lower Upper
168 100
99 49.9 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

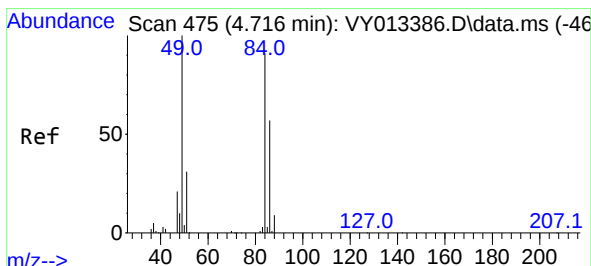
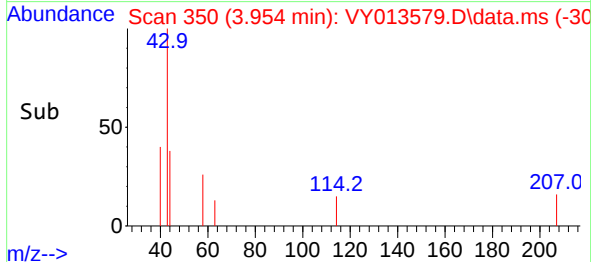
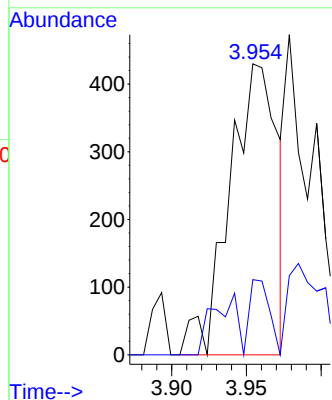
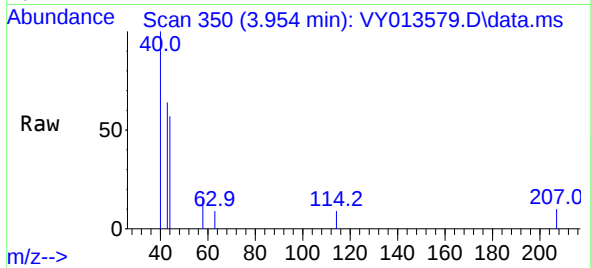




#16
Acetone
Concen: 1.053 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

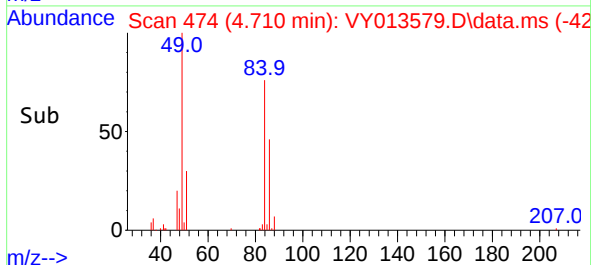
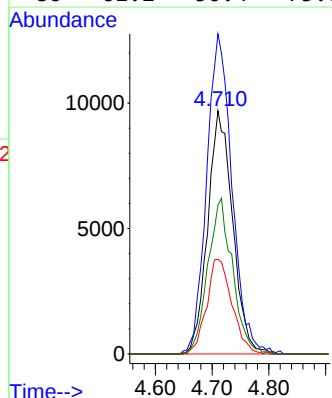
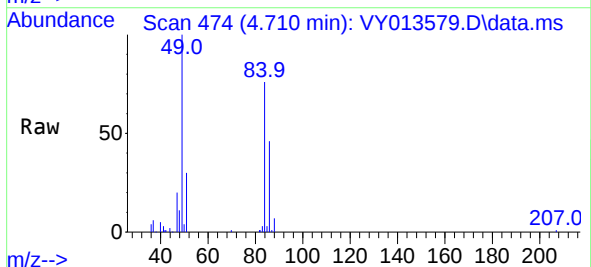
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

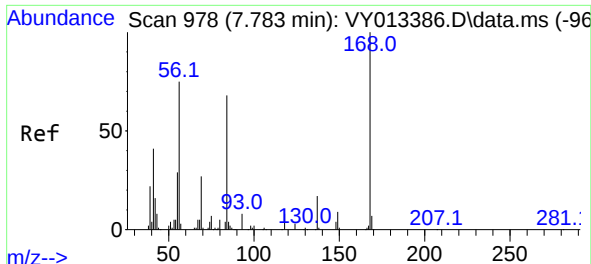
Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 25.8 25.4 38.0



#20
Methylene Chloride
Concen: 2.786 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

Tgt Ion: 84 Resp: 29582
Ion Ratio Lower Upper
84 100
49 131.6 88.0 132.0
51 38.9 27.4 41.0
86 61.2 50.4 75.6

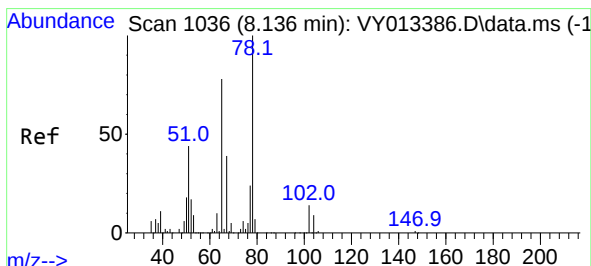
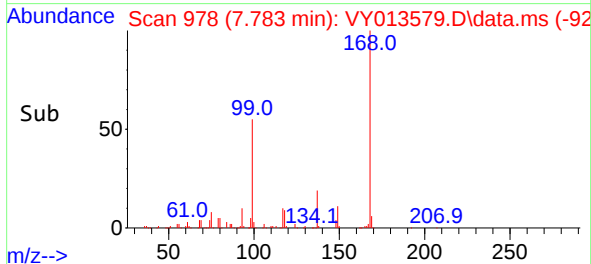
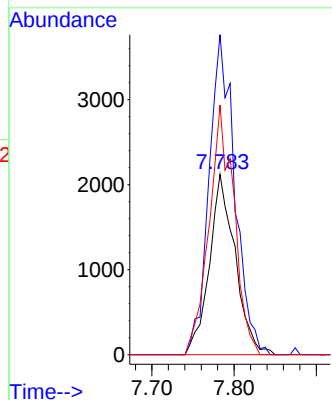
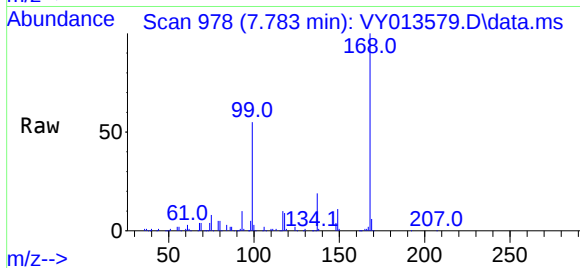




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

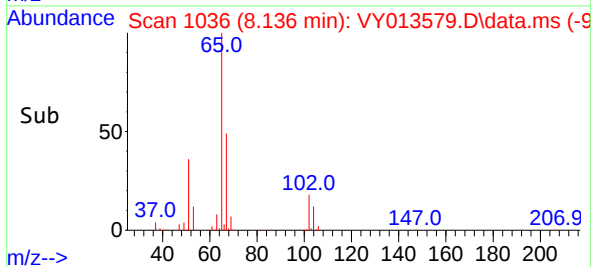
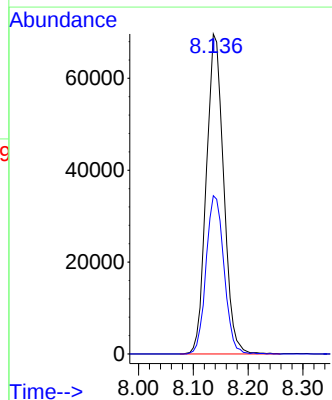
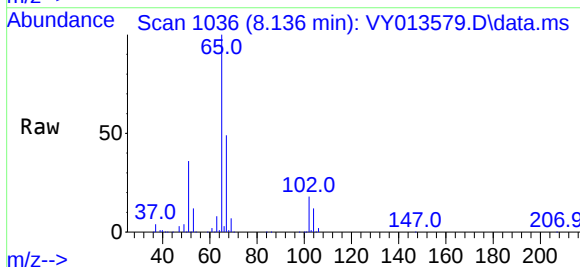
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

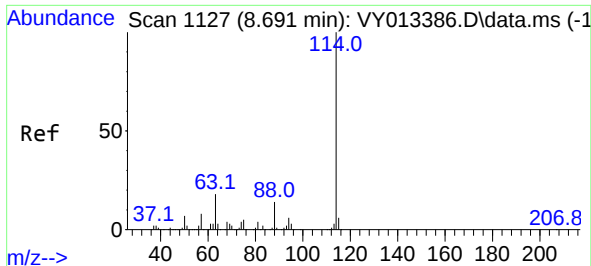
Tgt Ion: 56 Resp: 4621
Ion Ratio Lower Upper
56 100
69 177.4 29.2 43.8#
84 138.4 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 66.455 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

Tgt Ion: 65 Resp: 152852
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



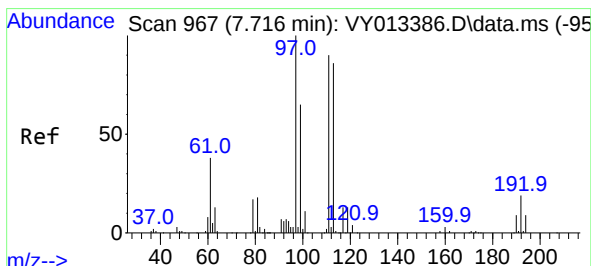
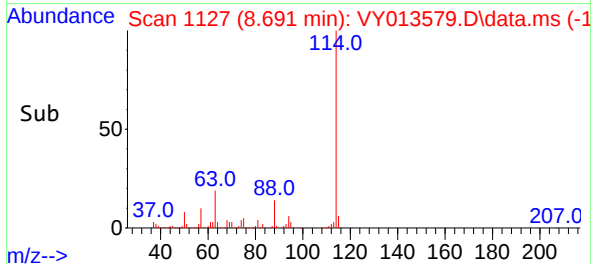
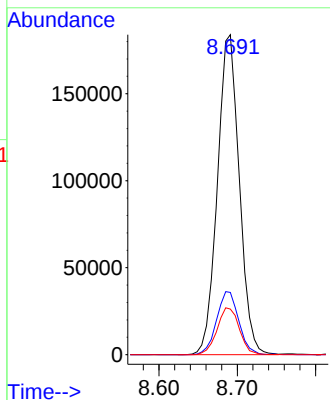
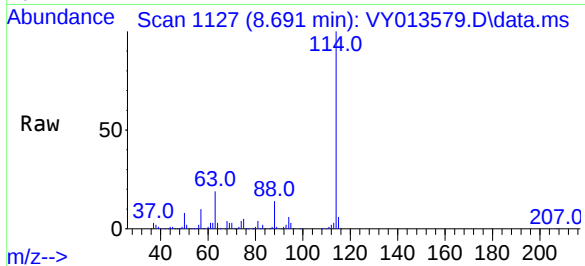


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 357531

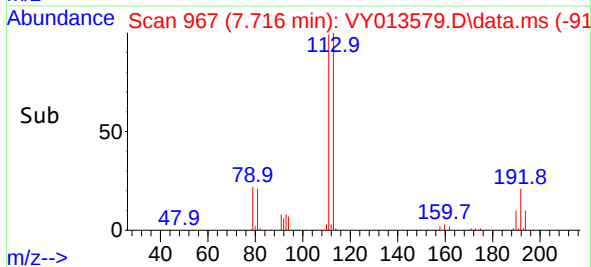
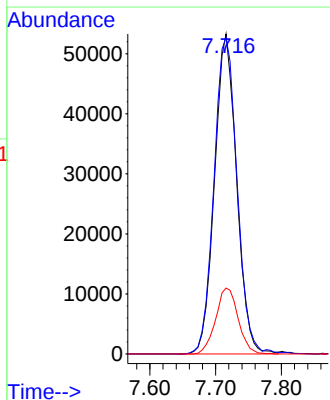
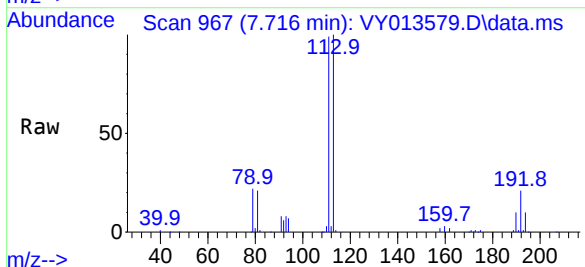
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	36.6
88	14.3	0.0	28.8

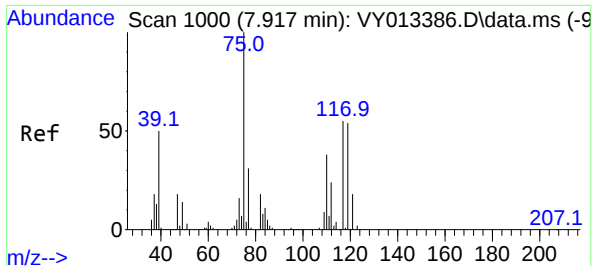


#35
Dibromofluoromethane
Concen: 55.248 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

Tgt Ion:113 Resp: 124236

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.2
192	21.0	16.7	25.1





#36

1,1-Dichloropropene

Concen: 4.221 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013579.D

Acq: 03 May 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

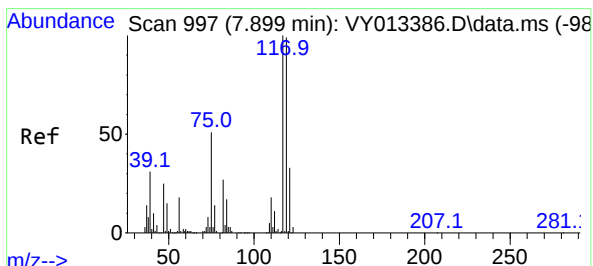
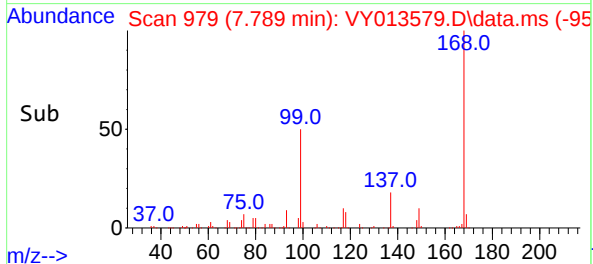
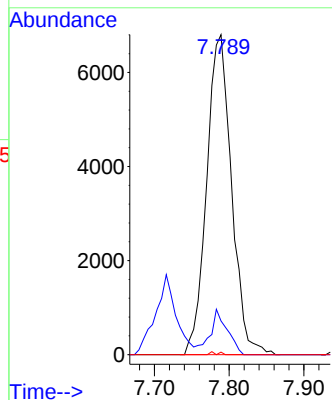
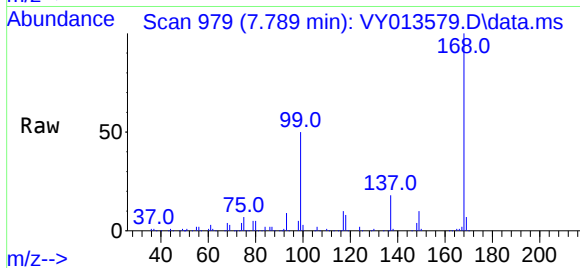
Tgt Ion: 75 Resp: 15754

Ion Ratio Lower Upper

75 100

110 9.5 18.7 56.1#

77 0.3 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.076 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013579.D

Acq: 03 May 2023 14:13

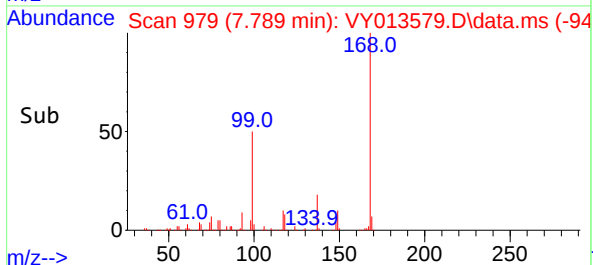
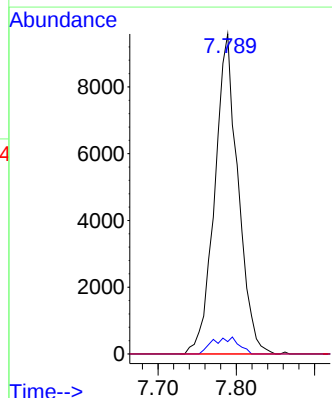
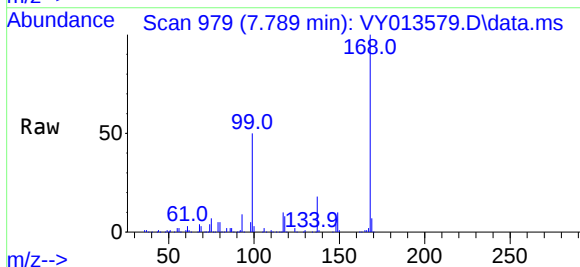
Tgt Ion: 117 Resp: 19854

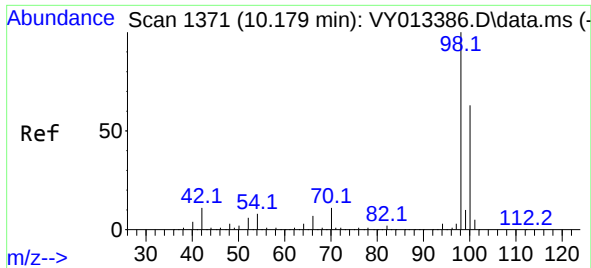
Ion Ratio Lower Upper

117 100

119 3.9 79.0 118.6#

121 0.0 26.6 40.0#

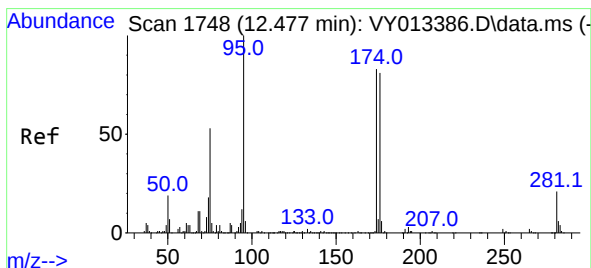
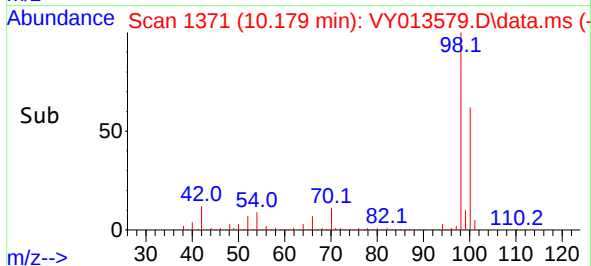
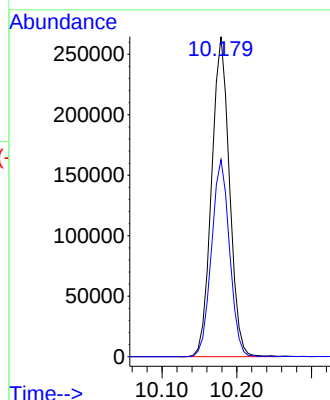
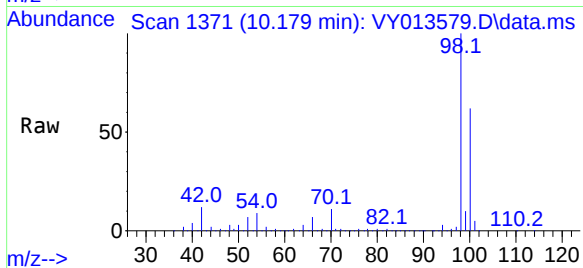




#50
Toluene-d8
Concen: 55.062 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

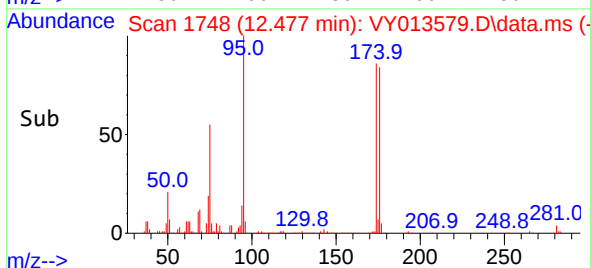
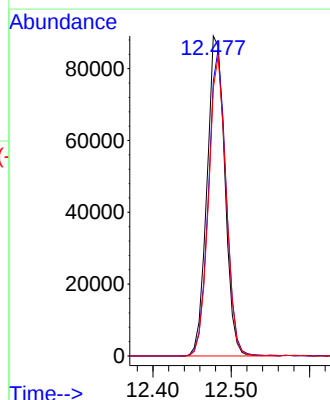
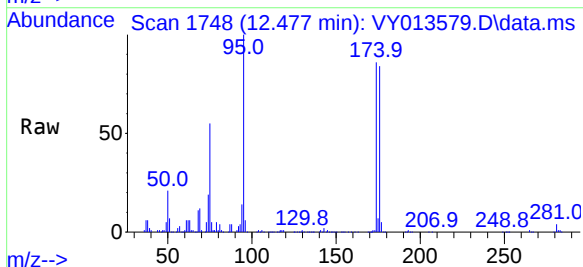
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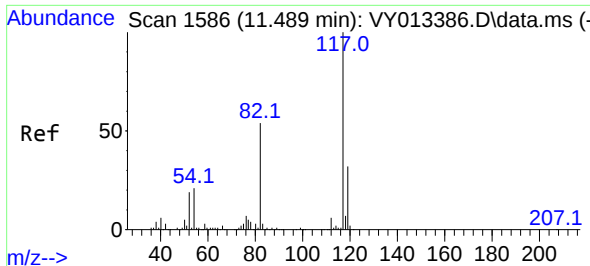
Tgt Ion: 98 Resp: 440473
Ion Ratio Lower Upper
98 100
100 62.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.299 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

Tgt Ion: 95 Resp: 141044
Ion Ratio Lower Upper
95 100
174 94.3 0.0 182.0
176 91.3 0.0 175.4

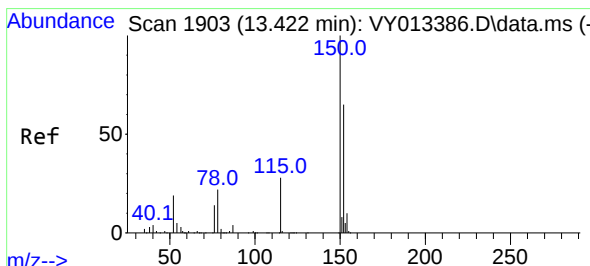
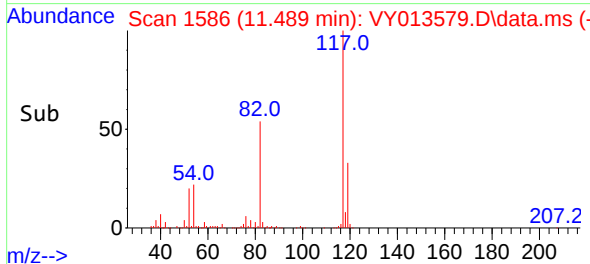
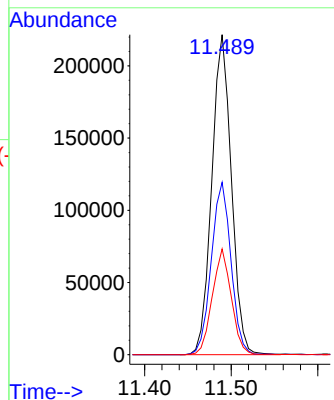
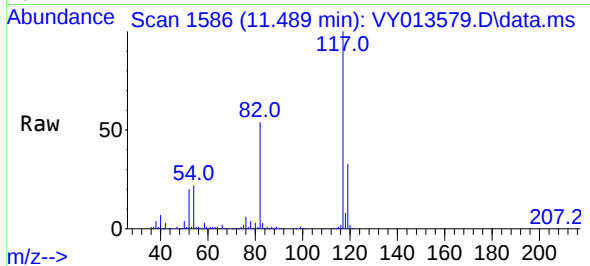




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

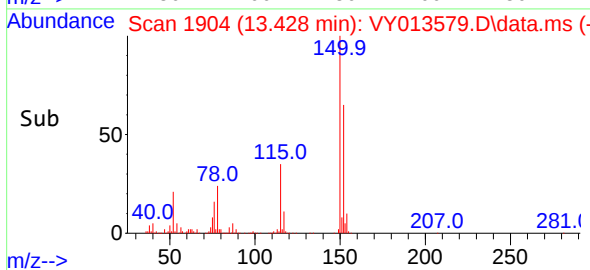
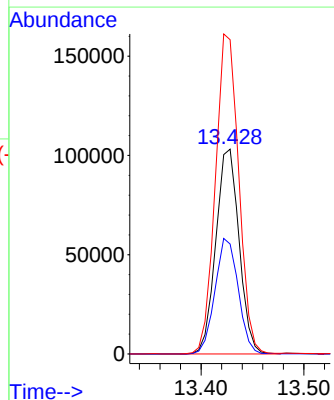
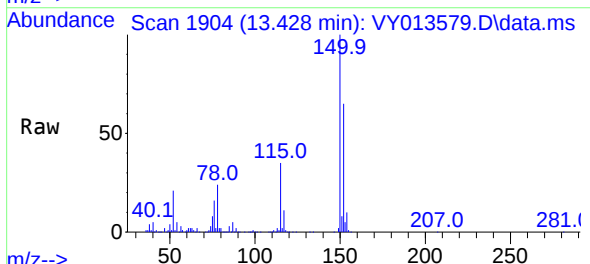
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

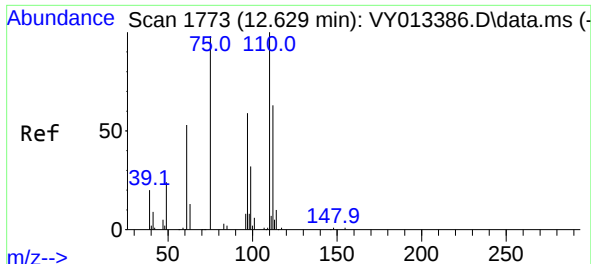
Tgt Ion:117 Resp: 348526
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.6
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

Tgt Ion:152 Resp: 162179
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.2
150 156.5 0.0 352.0

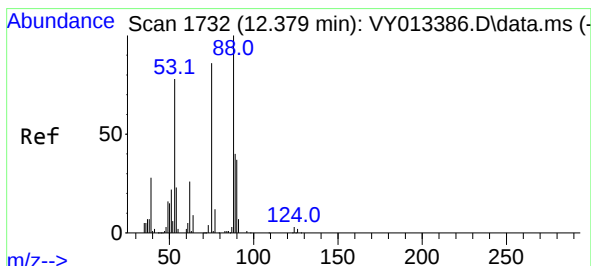
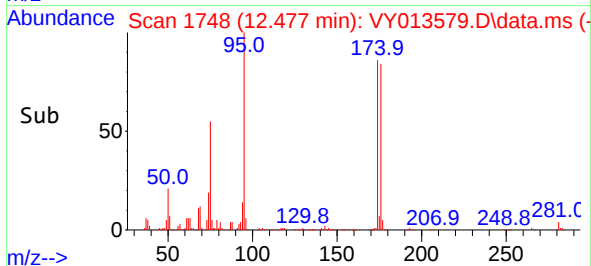
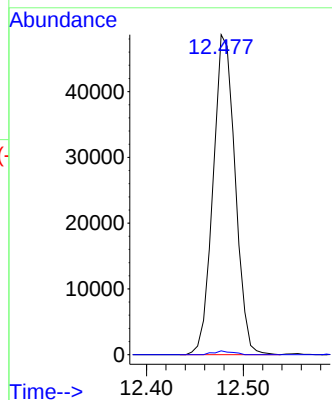
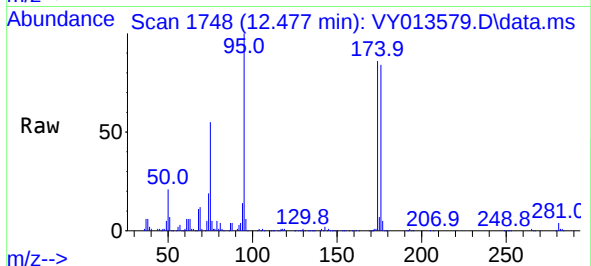




#76
1,2,3-Trichloropropane
Concen: 35.203 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 76995
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.009 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013579.D
Acq: 03 May 2023 14:13

Tgt Ion: 75 Resp: 76995
Ion Ratio Lower Upper
75 100
53 0.4 73.2 109.8#
89 0.1 38.0 57.0#

