

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015667.D
 Acq On : 21 Sep 2023 10:37
 Operator : SY/MD
 Sample : VY0921SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 01:17:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

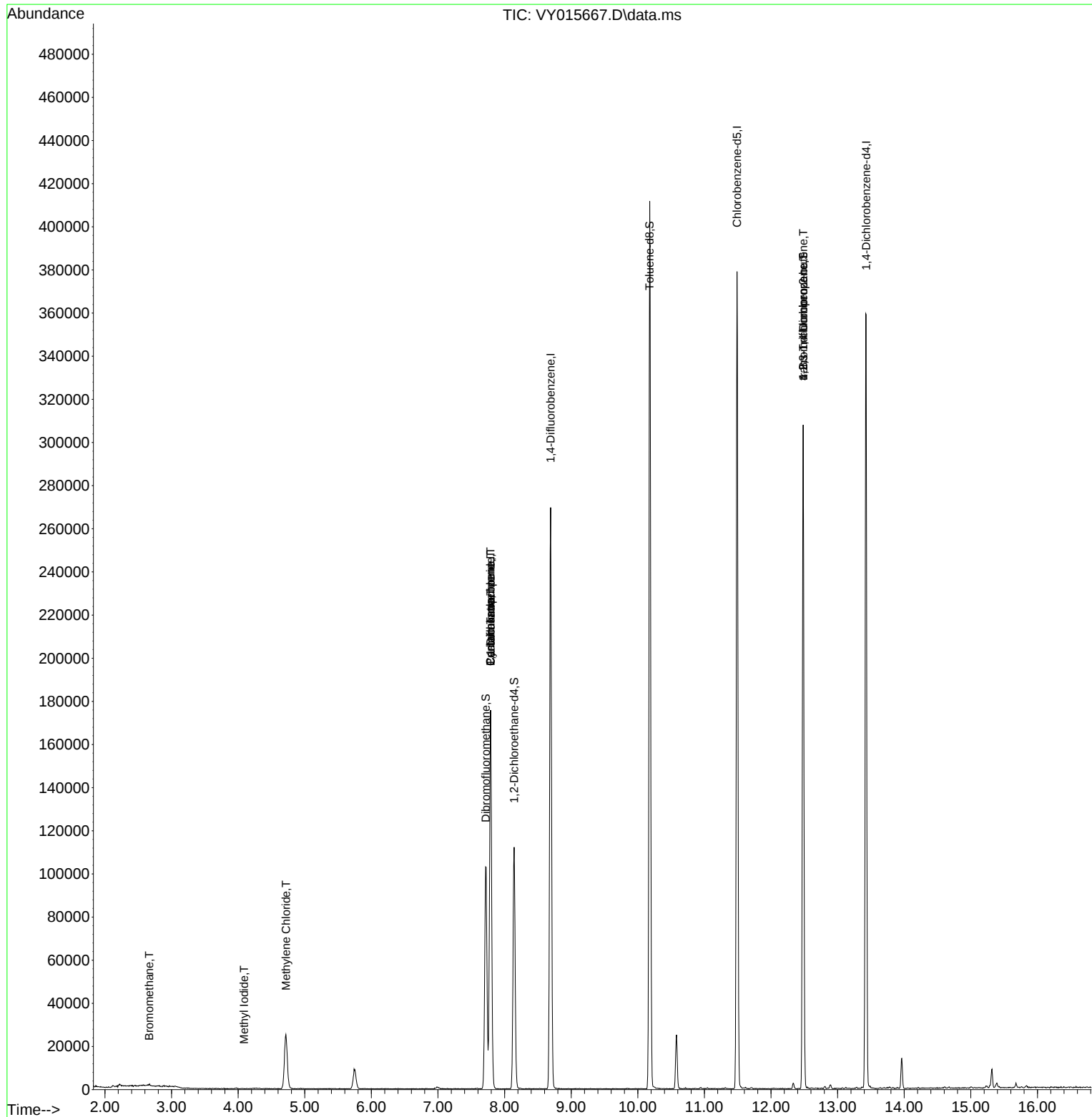
Internal Standards						
1) Pentafluorobenzene	7.789	168	132575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85737	58.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.560%	
35) Dibromofluoromethane	7.716	113	74125	54.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.600%	
50) Toluene-d8	10.179	98	268252	57.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.920%	
62) 4-Bromofluorobenzene	12.483	95	86526	47.638	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	188	2.699	ug/l #	65
10) Methyl Iodide	4.088	142	43	2.755	ug/l #	38
11) Tert butyl alcohol	4.991	59	24	Below Cal	#	89
20) Methylene Chloride	4.716	84	19019	6.958	ug/l	95
31) Cyclohexane	7.789	56	2687	1.330	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10421	5.163	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12788	5.837	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	47781	32.058	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47781	72.192	ug/l #	10

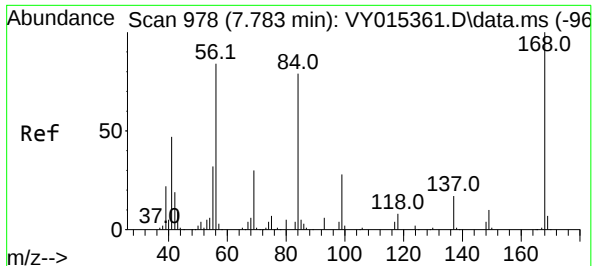
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Sep 22 01:17:29 2023
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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

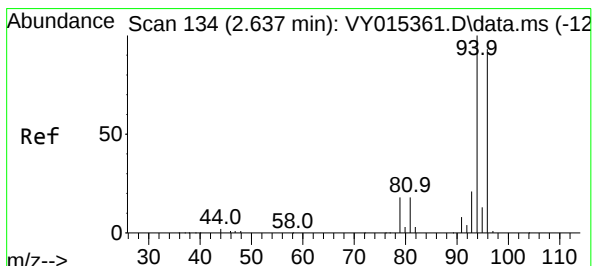
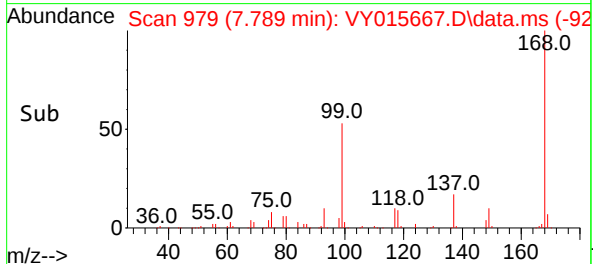
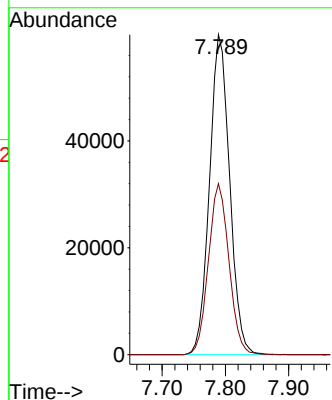
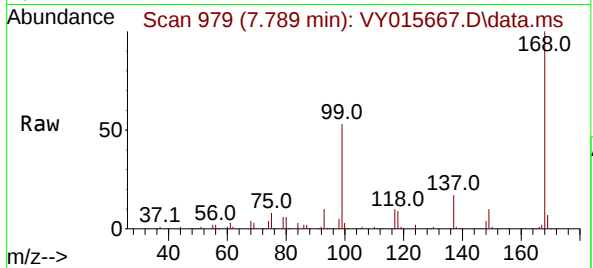




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

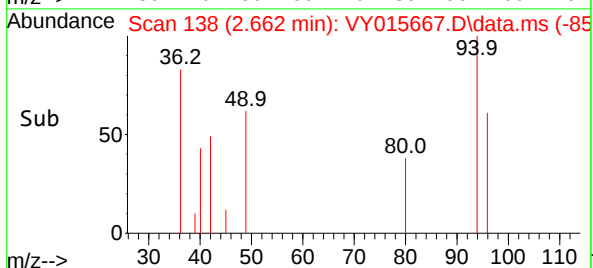
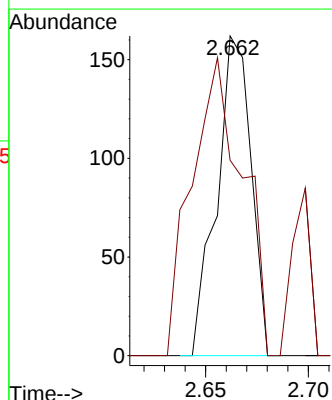
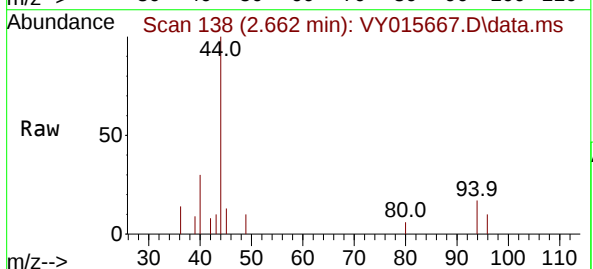
Instrument :
MSVOA_Y
ClientSampleId :

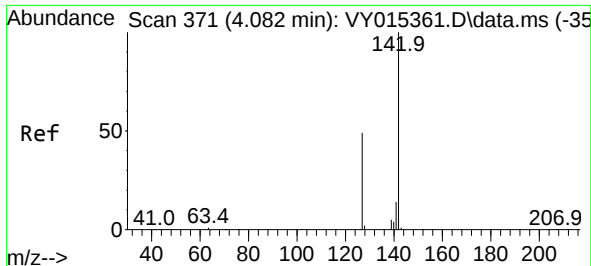
Tgt Ion:168 Resp: 132575
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#5
Bromomethane
Concen: 2.699 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

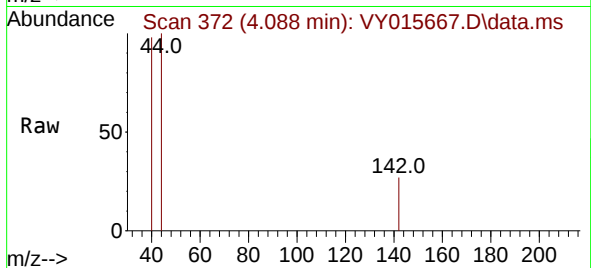
Tgt Ion: 94 Resp: 188
Ion Ratio Lower Upper
94 100
96 61.1 75.8 113.6#



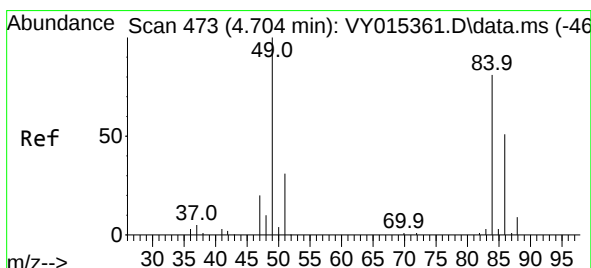
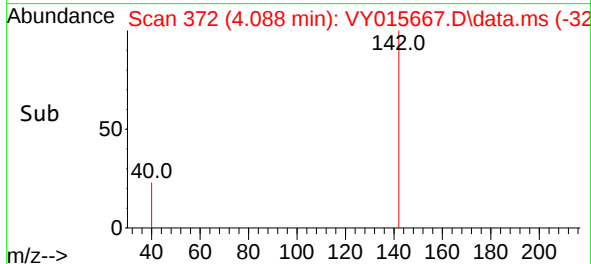
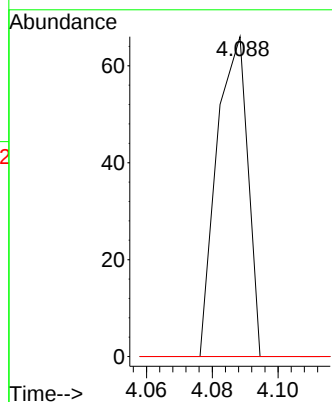


#10
Methyl Iodide
Concen: 2.755 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

Instrument :
MSVOA_Y
ClientSampleId :

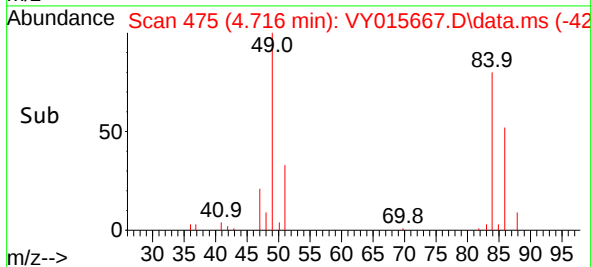
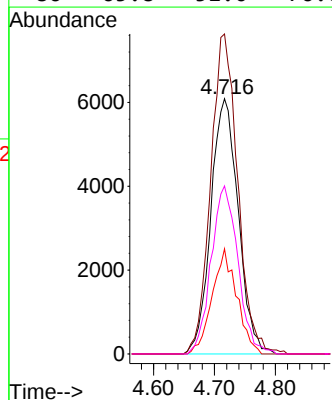
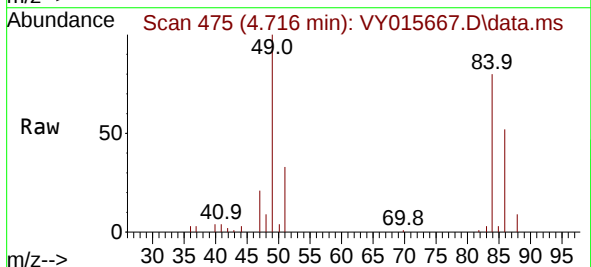


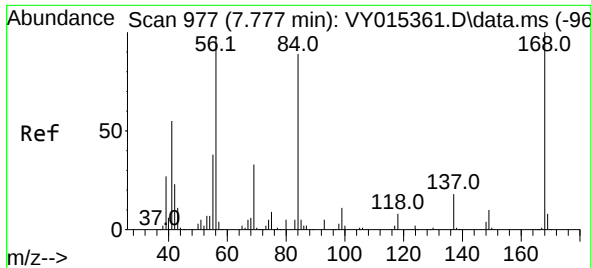
Tgt Ion:142 Resp: 43
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: 6.958 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

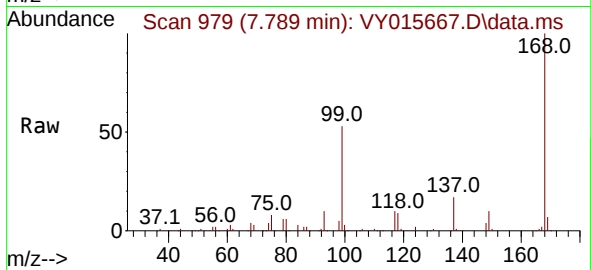
Tgt Ion: 84 Resp: 19019
Ion Ratio Lower Upper
84 100
49 125.4 106.9 160.3
51 41.2 33.2 49.8
86 65.8 51.0 76.6



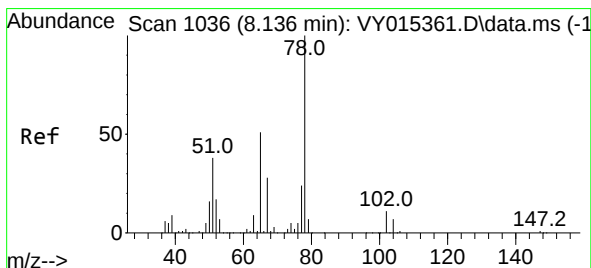
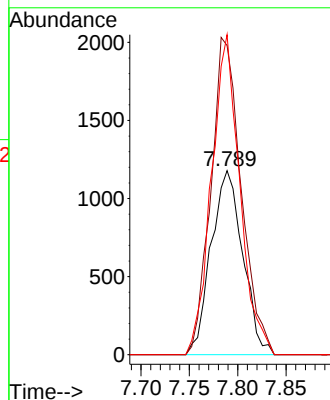
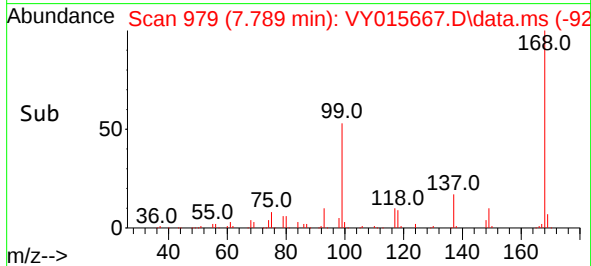


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

Instrument :
MSVOA_Y
ClientSampleId :

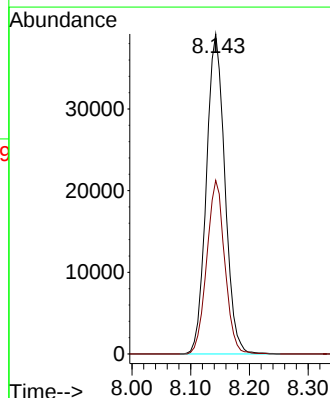
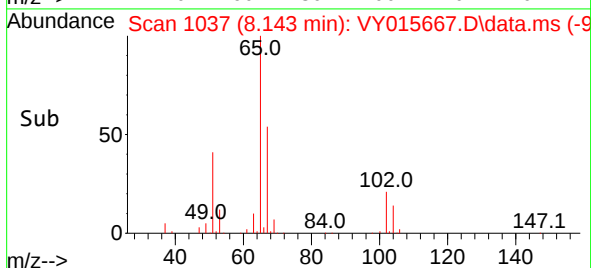
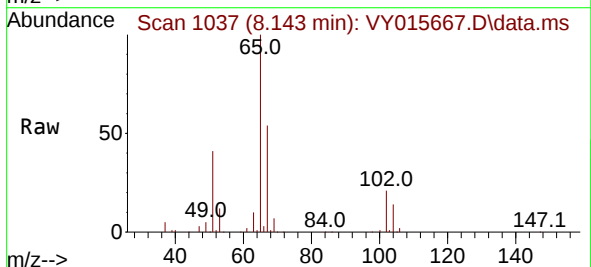


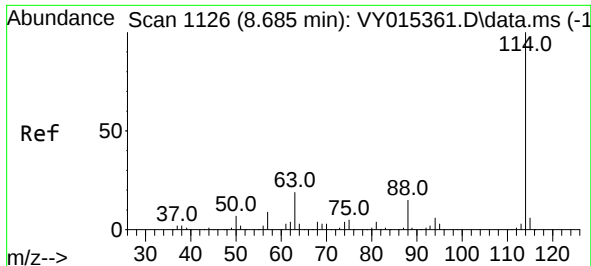
Tgt Ion: 56 Resp: 2687
Ion Ratio Lower Upper
56 100
69 168.0 27.8 41.6#
84 173.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.777 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

Tgt Ion: 65 Resp: 85737
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

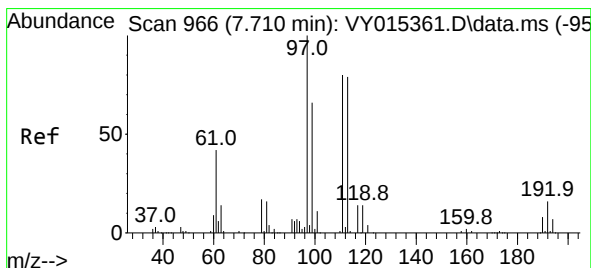
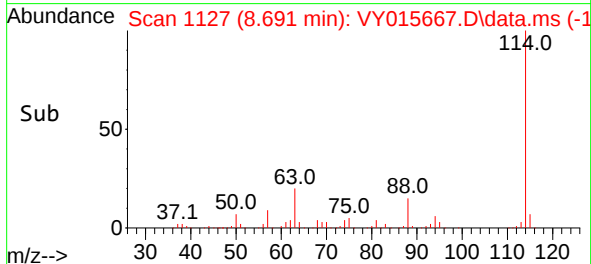
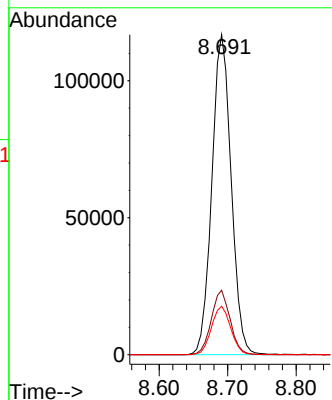
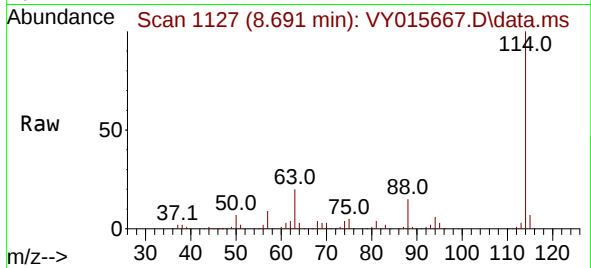




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

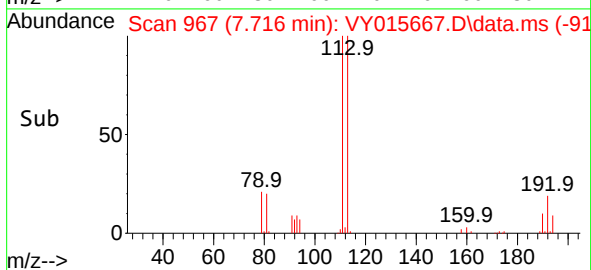
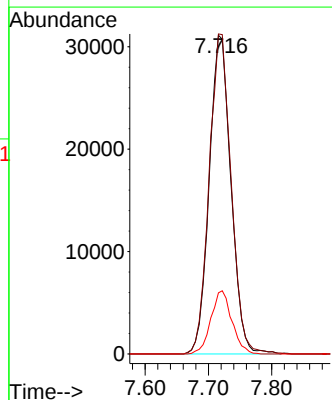
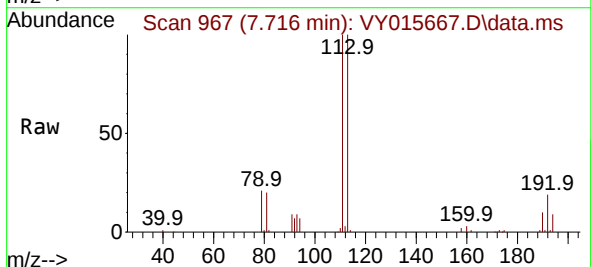
Instrument :
MSVOA_Y
ClientSampleId :

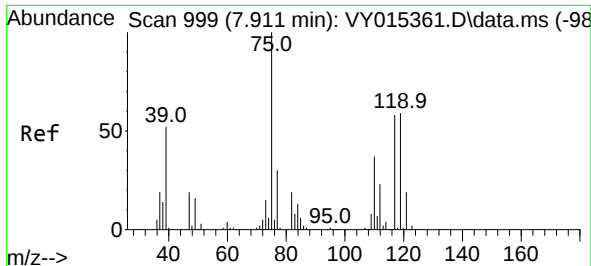
Tgt Ion:114 Resp: 228064
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.302 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

Tgt Ion:113 Resp: 74125
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.163 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY015667.D

Acq: 21 Sep 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

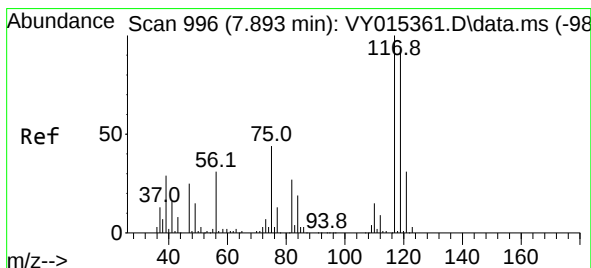
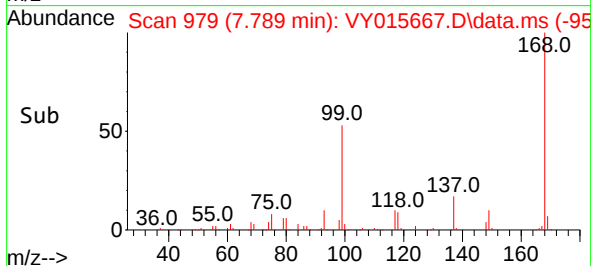
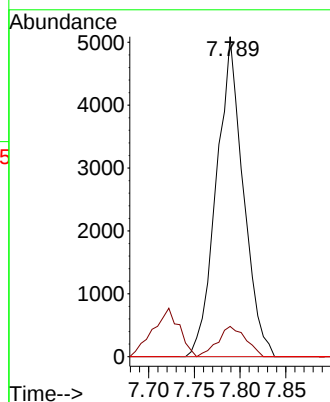
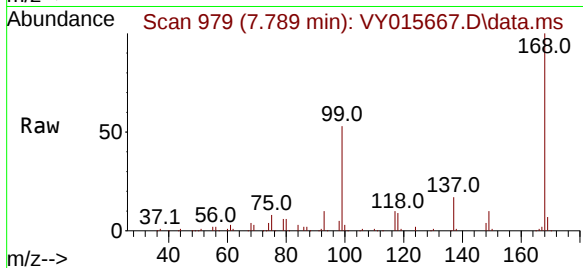
Tgt Ion: 75 Resp: 10421

Ion Ratio Lower Upper

75 100

110 9.8 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.837 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY015667.D

Acq: 21 Sep 2023 10:37

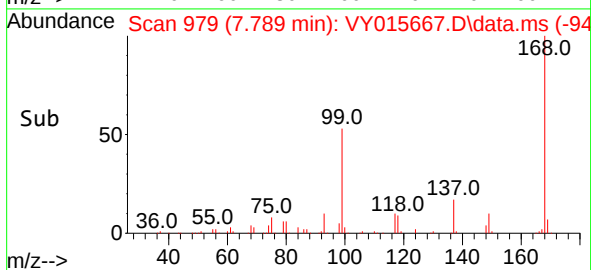
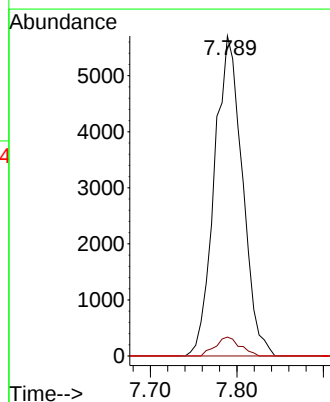
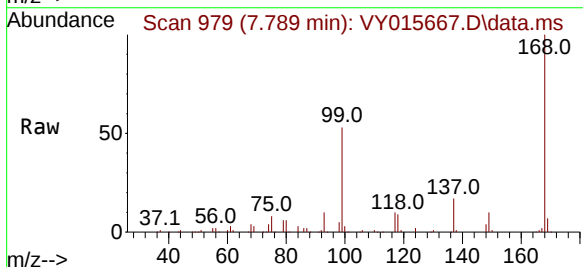
Tgt Ion: 117 Resp: 12788

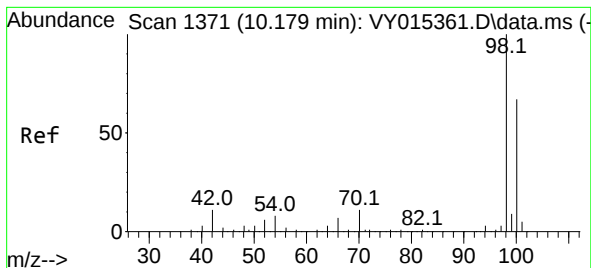
Ion Ratio Lower Upper

117 100

119 5.9 76.4 114.6#

121 0.0 25.8 38.6#

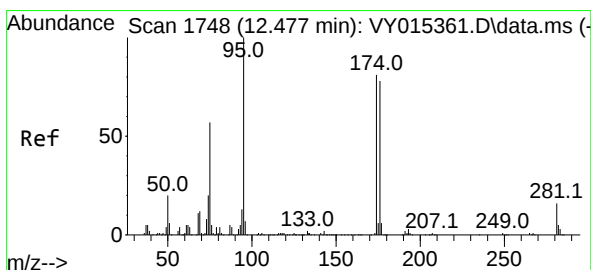
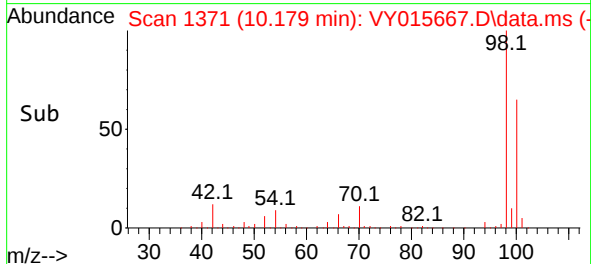
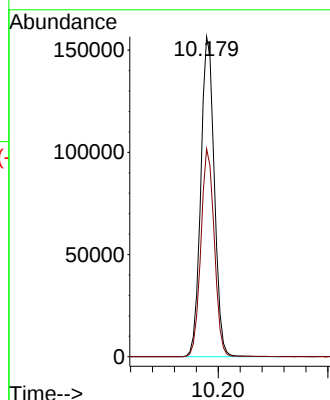
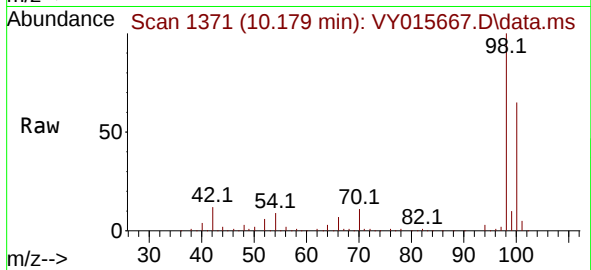




#50
Toluene-d8
Concen: 57.958 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

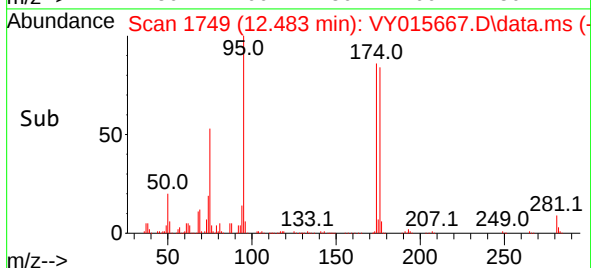
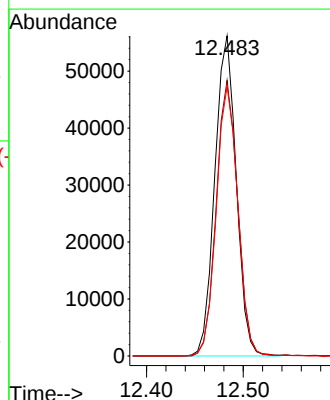
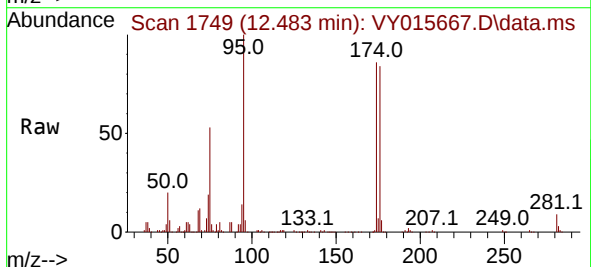
Instrument :
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ClientSampleId :

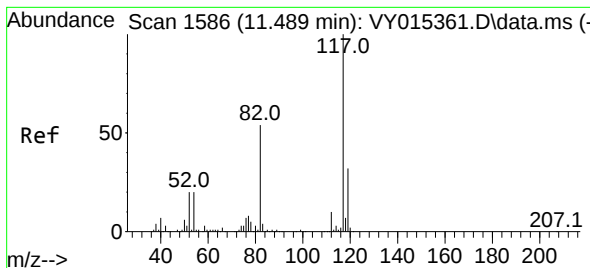
Tgt Ion: 98 Resp: 268252
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.638 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

Tgt Ion: 95 Resp: 86526
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 84.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015667.D

Acq: 21 Sep 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

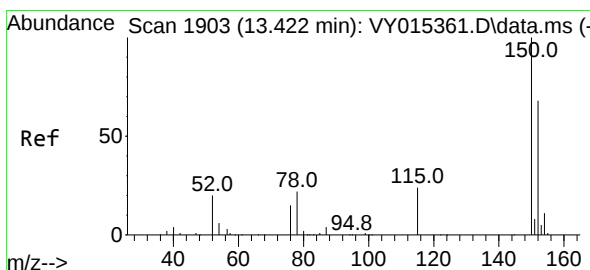
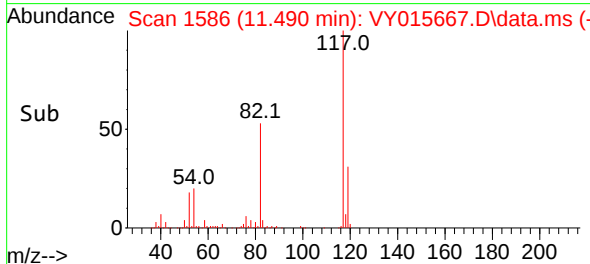
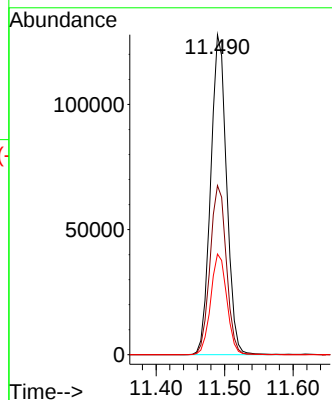
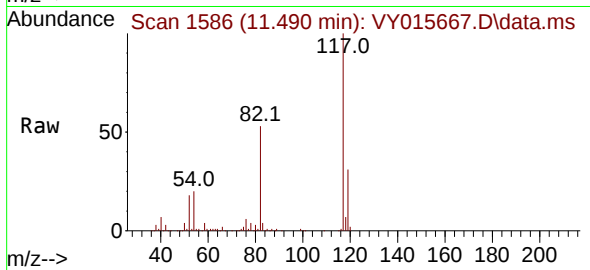
Tgt Ion:117 Resp: 206891

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 31.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015667.D

Acq: 21 Sep 2023 10:37

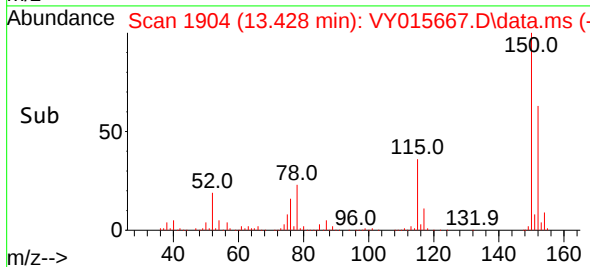
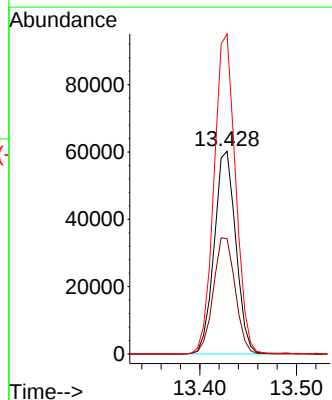
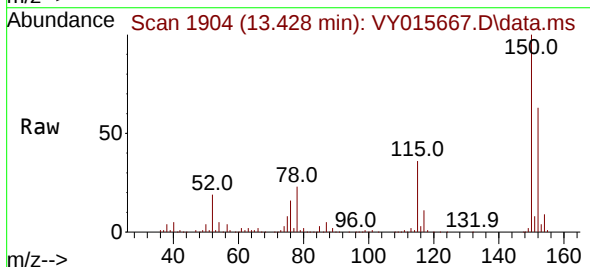
Tgt Ion:152 Resp: 93425

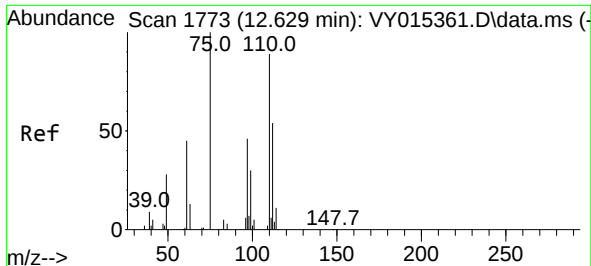
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.4 0.0 348.8

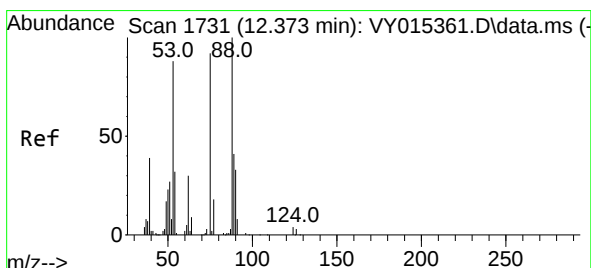
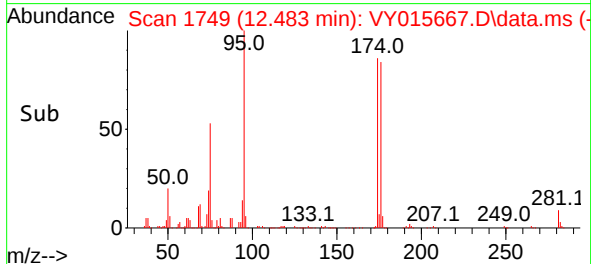
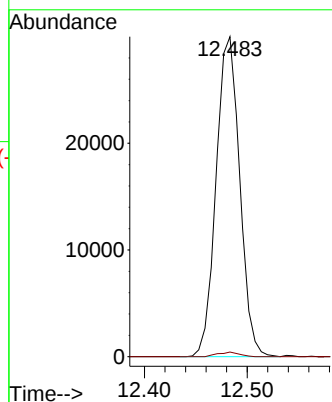
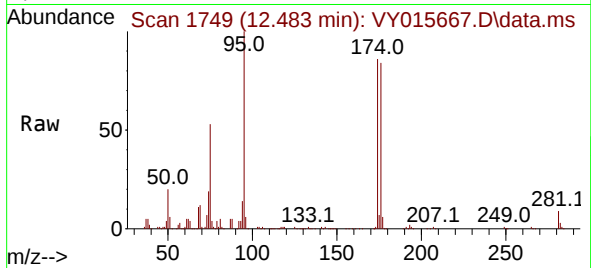




#76
1,2,3-Trichloropropane
Concen: 32.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47781
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

Tgt Ion: 75 Resp: 47781
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

