

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014357.D
 Acq On : 22 Jun 2023 00:40
 Operator : KP/MD
 Sample : 03358-08
 Misc : 3.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(8-10)

Quant Time: Jun 22 02:01:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

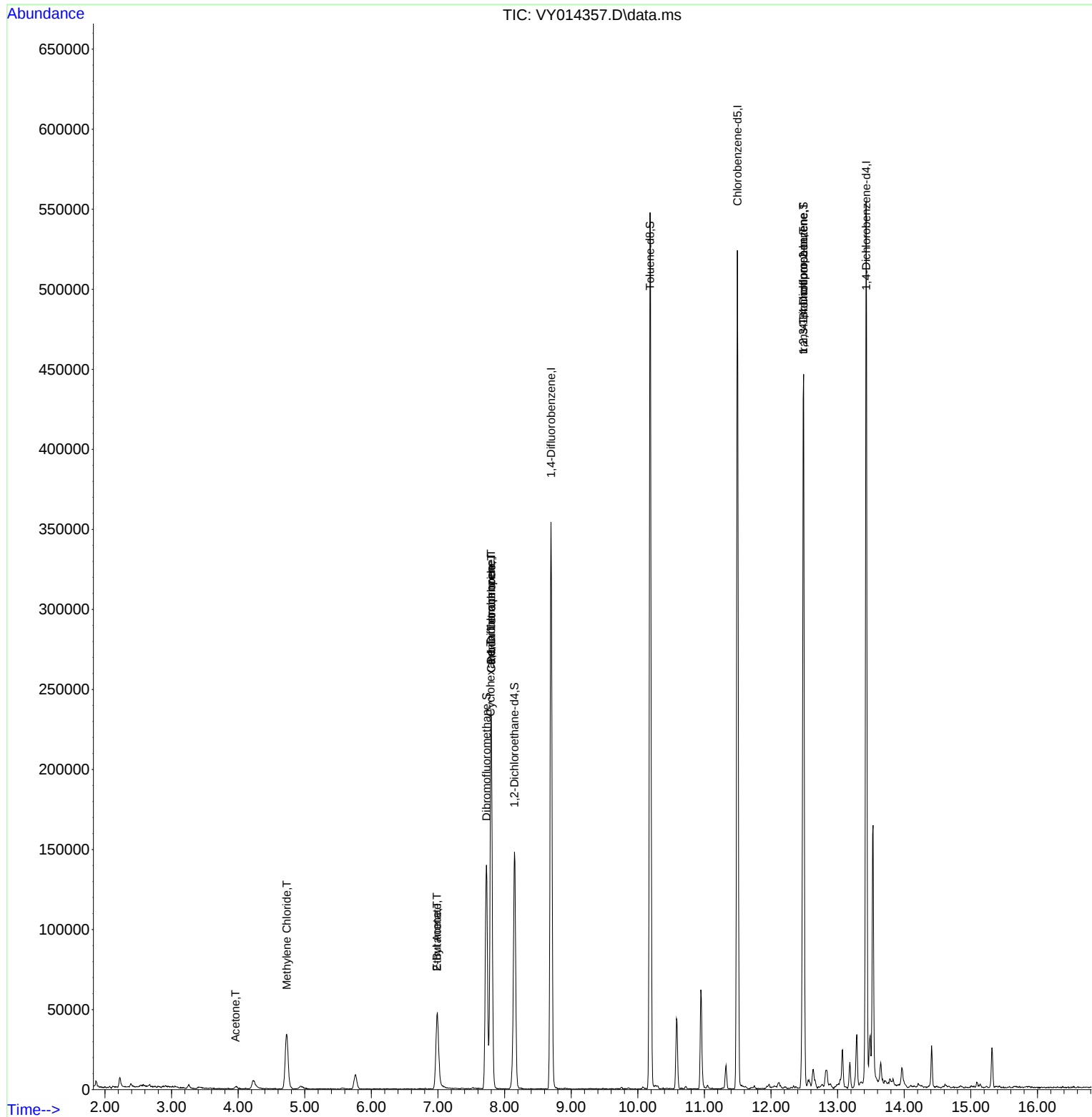
Internal Standards						
1) Pentafluorobenzene	7.795	168	187313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	282053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123271	47.260	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.520%		
35) Dibromofluoromethane	7.728	113	95666	45.848	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.700%		
50) Toluene-d8	10.185	98	352490	45.186	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.380%		
62) 4-Bromofluorobenzene	12.489	95	118753	42.854	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.700%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1115	Below Cal	#	89
16) Acetone	3.960	43	2944	3.744	ug/l #	84
20) Methylene Chloride	4.729	84	26338	7.441	ug/l #	84
25) 2-Butanone	6.984	43	3937	4.068	ug/l #	80
31) Cyclohexane	7.789	56	4299	1.230	ug/l #	50
36) 1,1-Dichloropropene	7.795	75	13735	4.222	ug/l #	51
37) Ethyl Acetate	6.984	43	3937	1.754	ug/l #	7
38) Carbon Tetrachloride	7.801	117	18259	4.864	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	66336	37.041	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66336	80.068	ug/l #	11

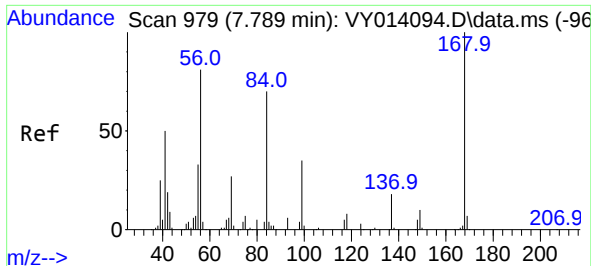
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
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SB-6-(8-10)

Quant Time: Jun 22 02:01:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

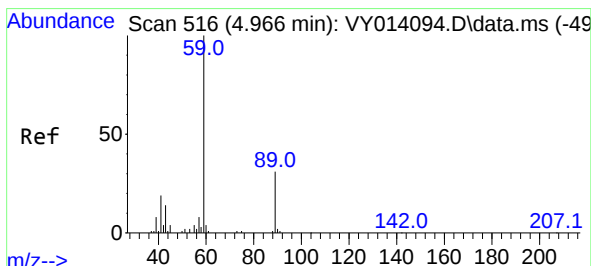
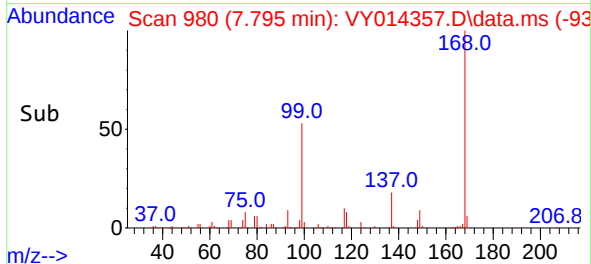
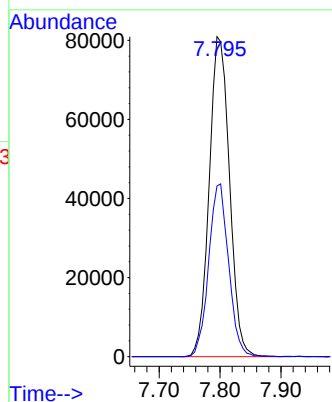
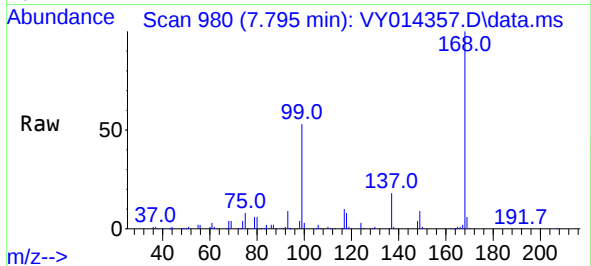




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

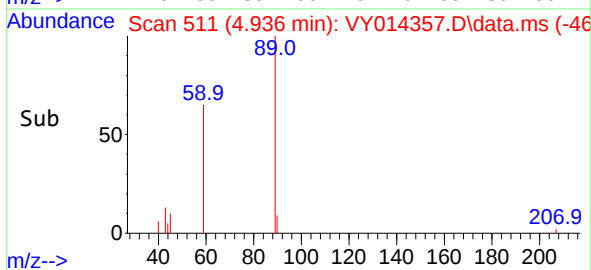
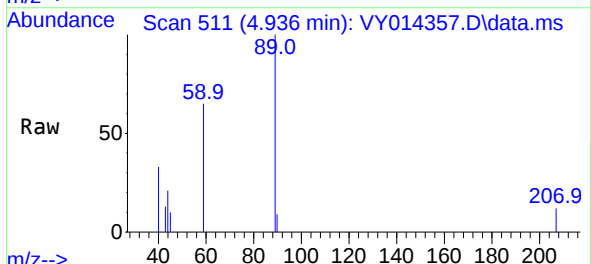
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(8-10)

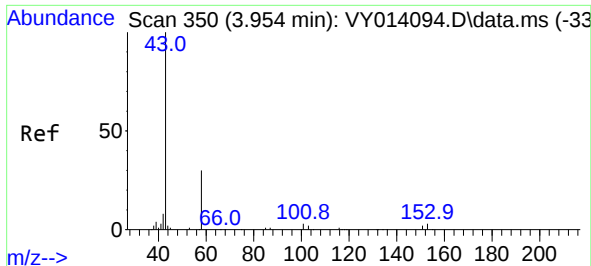
Tgt Ion:168 Resp: 187313
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

Tgt Ion: 59 Resp: 1115
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

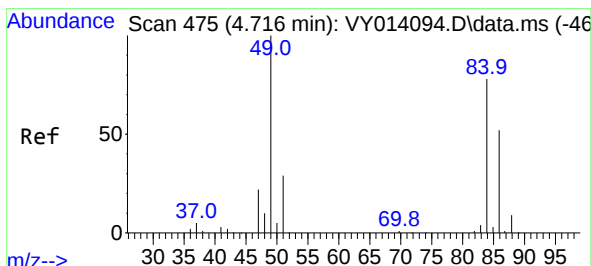
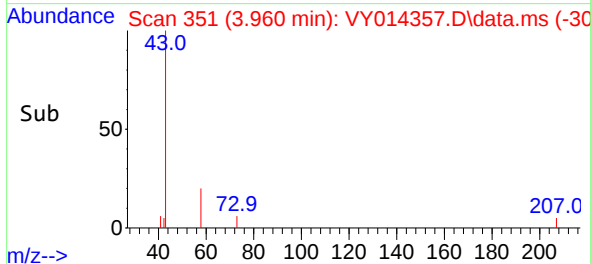
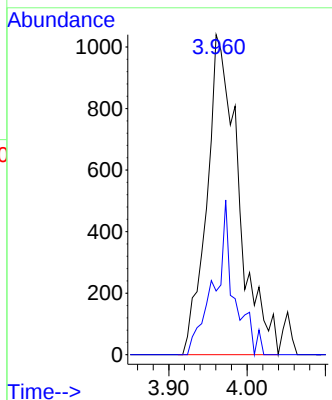
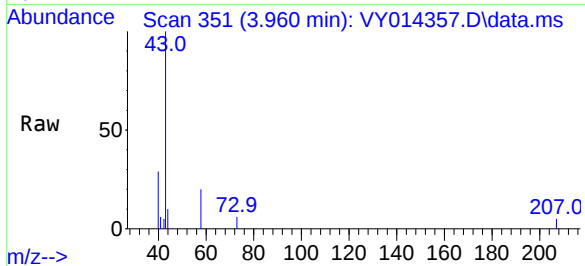




#16
Acetone
Concen: 3.744 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

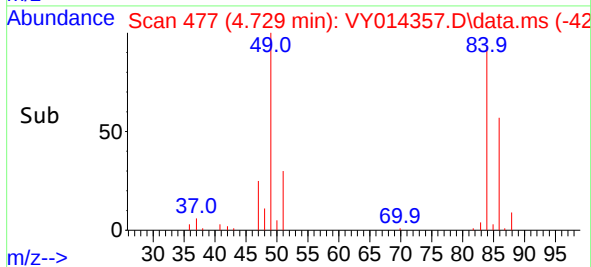
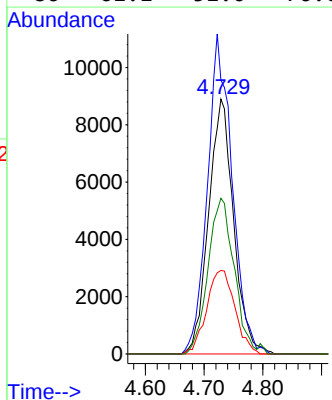
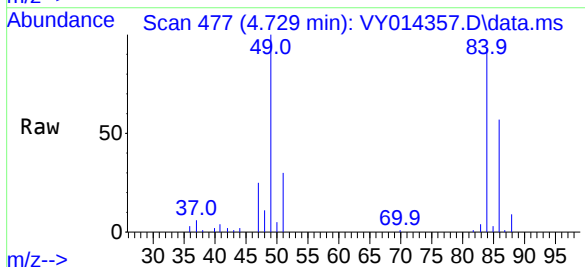
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(8-10)

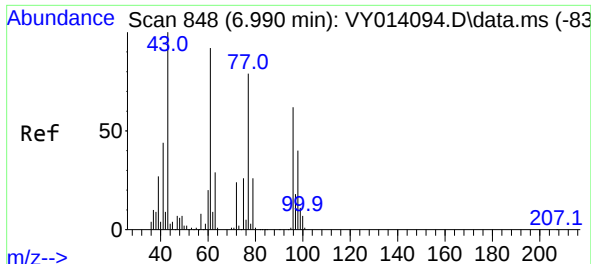
Tgt Ion: 43 Resp: 2944
Ion Ratio Lower Upper
43 100
58 19.9 22.7 34.1#



#20
Methylene Chloride
Concen: 7.441 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

Tgt Ion: 84 Resp: 26338
Ion Ratio Lower Upper
84 100
49 107.5 106.9 160.3
51 32.8 33.2 49.8#
86 61.1 51.0 76.6

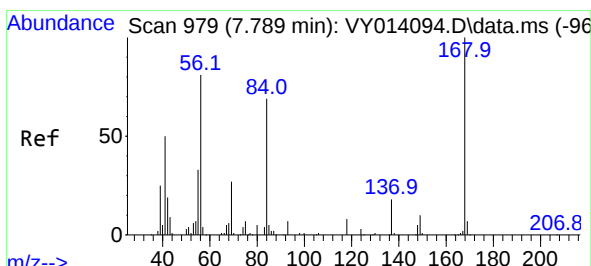
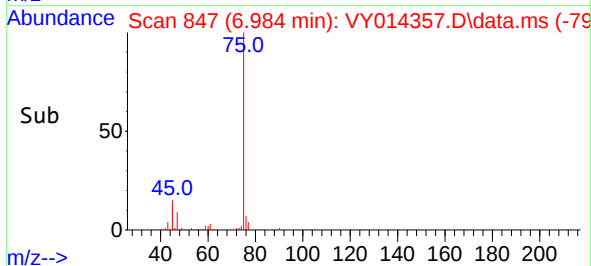
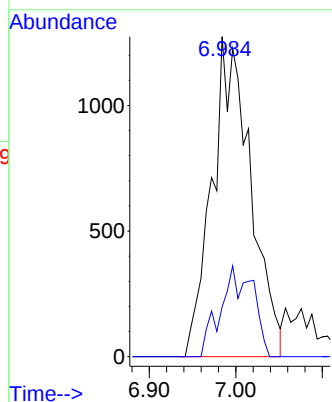
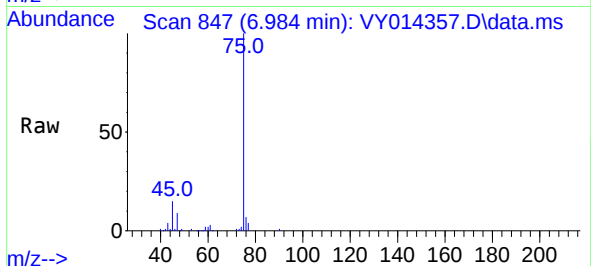




#25
2-Butanone
Concen: 4.068 ug/l
RT: 6.984 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

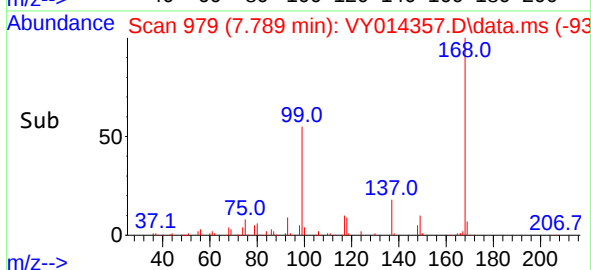
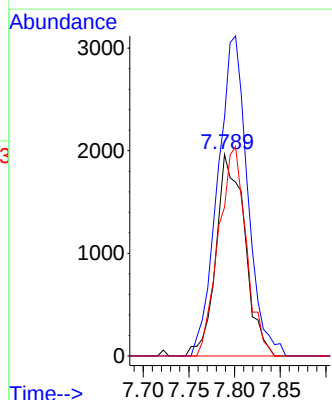
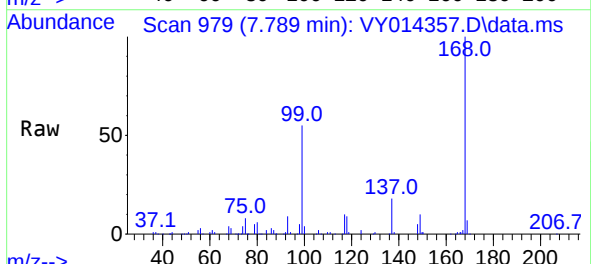
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(8-10)

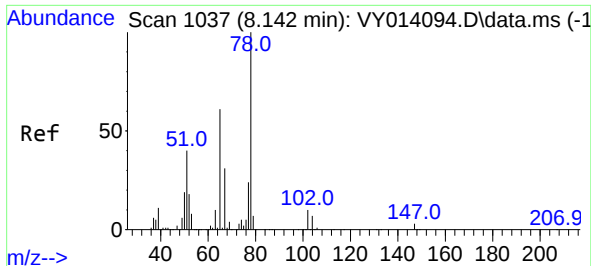
Tgt Ion: 43 Resp: 3937
Ion Ratio Lower Upper
43 100
72 15.5 20.5 30.7#



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

Tgt Ion: 56 Resp: 4299
Ion Ratio Lower Upper
56 100
69 118.2 27.8 41.6#
84 73.7 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 47.260 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY014357.D

Acq: 22 Jun 2023 00:40

Instrument :

MSVOA_Y

ClientSampleId :

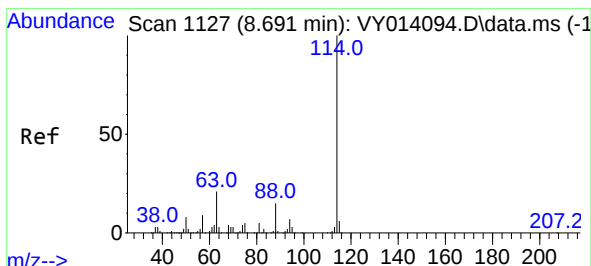
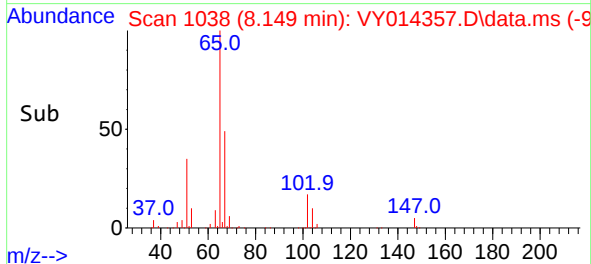
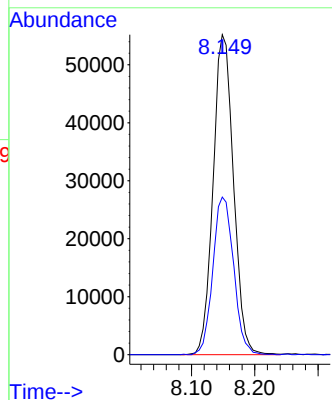
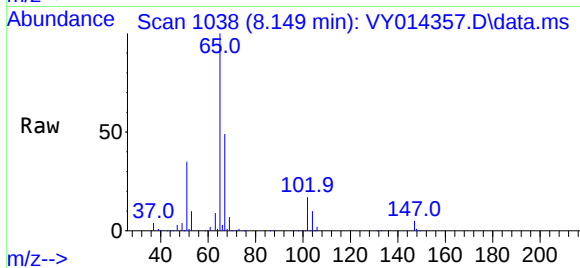
SB-6-(8-10)

Tgt Ion: 65 Resp: 123271

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014357.D

Acq: 22 Jun 2023 00:40

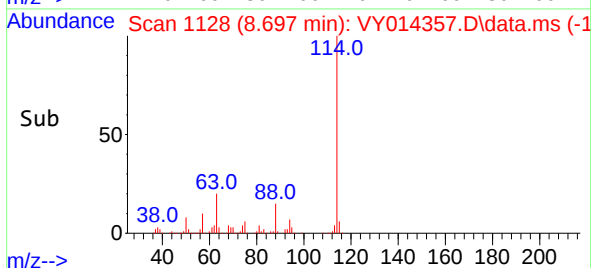
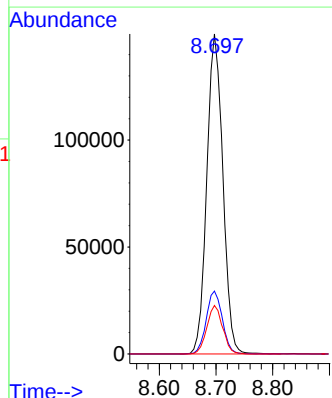
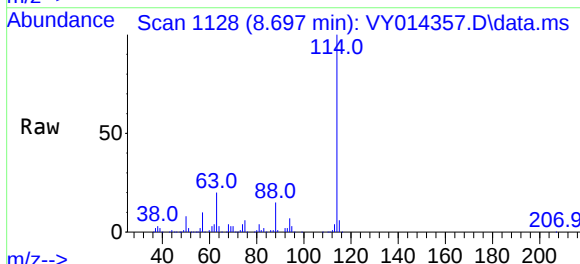
Tgt Ion: 114 Resp: 294228

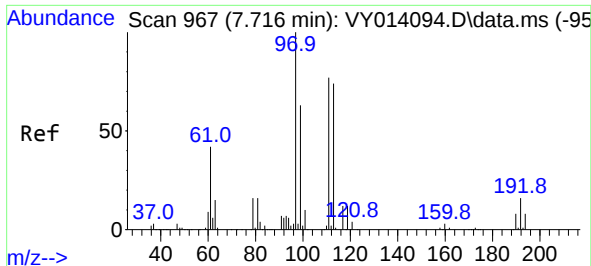
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.2 0.0 30.6

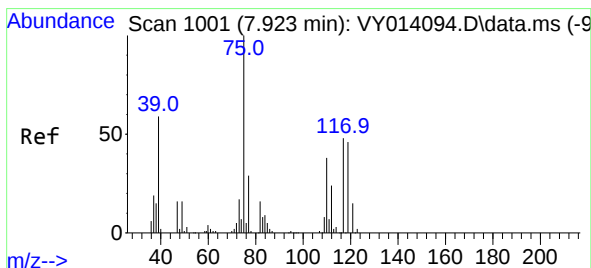
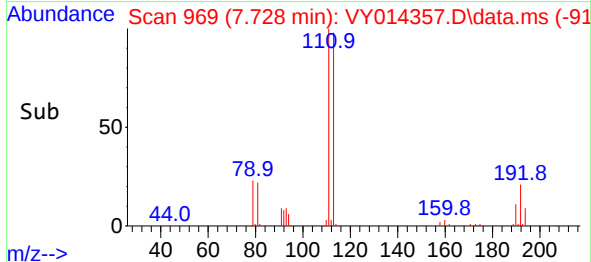
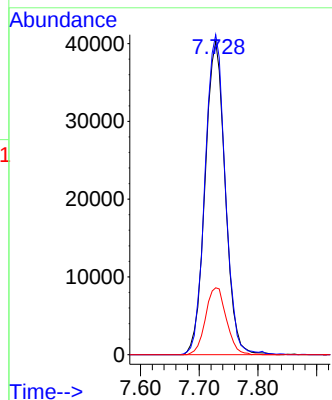
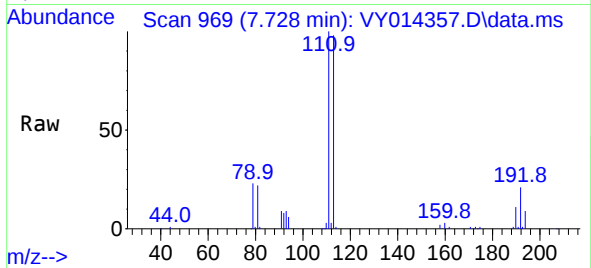




#35
Dibromofluoromethane
Concen: 45.848 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

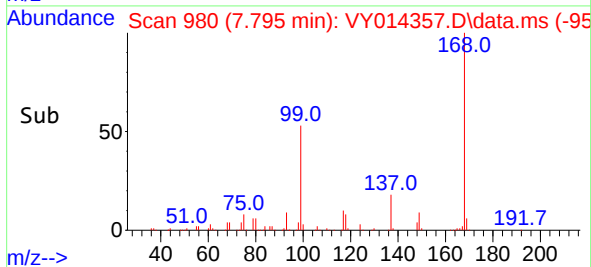
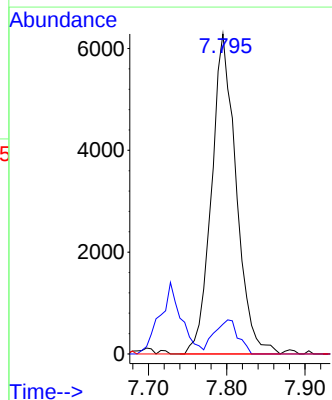
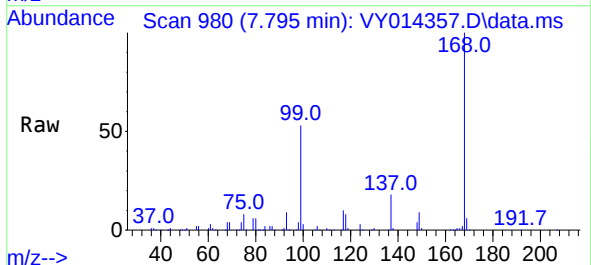
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(8-10)

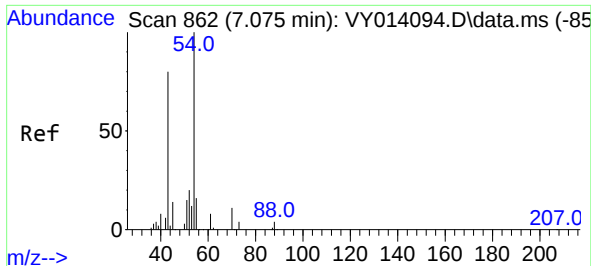
Tgt Ion:113 Resp: 95666
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 22.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.222 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

Tgt Ion: 75 Resp: 13735
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.754 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY014357.D

Acq: 22 Jun 2023 00:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-(8-10)

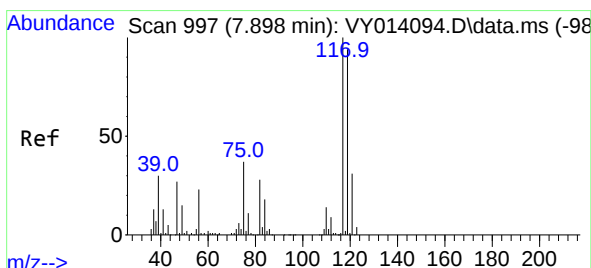
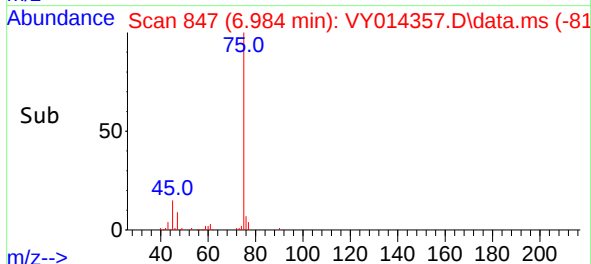
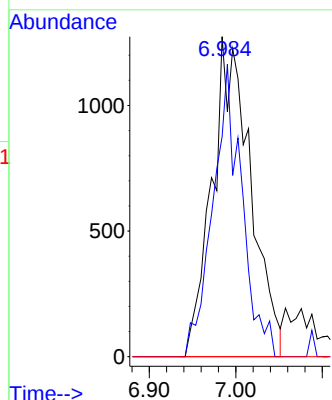
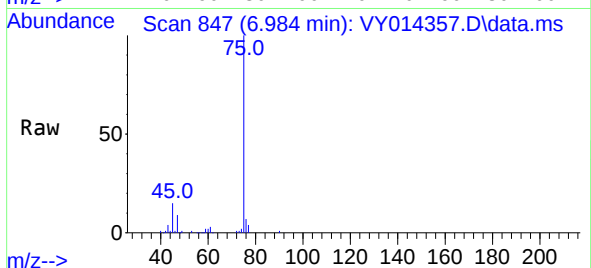
Tgt Ion: 43 Resp: 3937

Ion Ratio Lower Upper

43 100

61 68.4 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.864 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.097 min

Lab File: VY014357.D

Acq: 22 Jun 2023 00:40

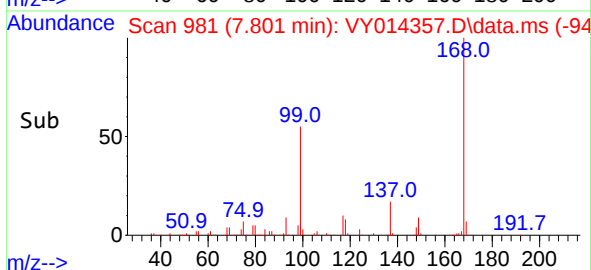
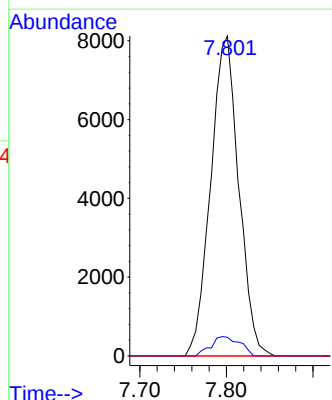
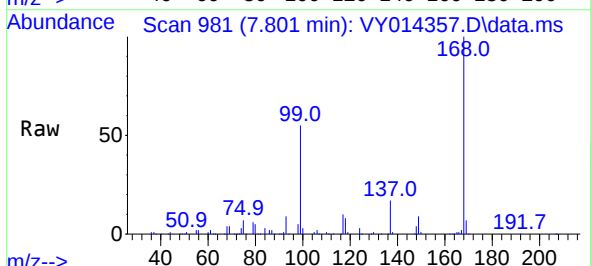
Tgt Ion: 117 Resp: 18259

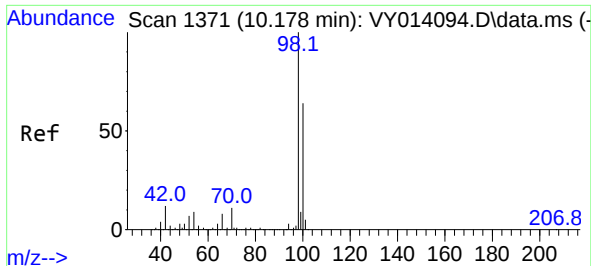
Ion Ratio Lower Upper

117 100

119 5.8 76.4 114.6#

121 0.0 25.8 38.6#

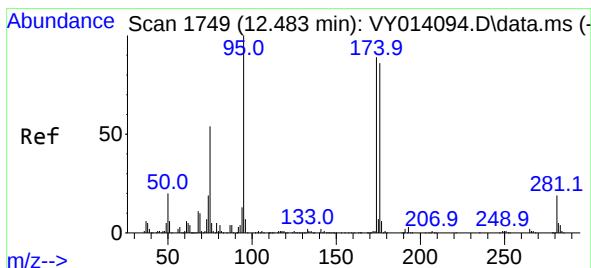
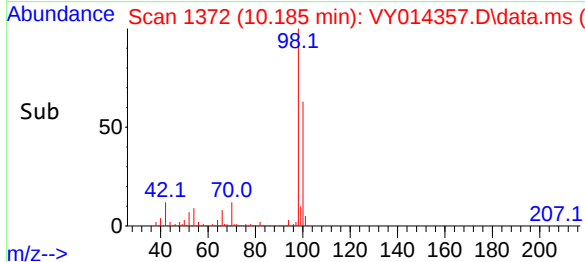
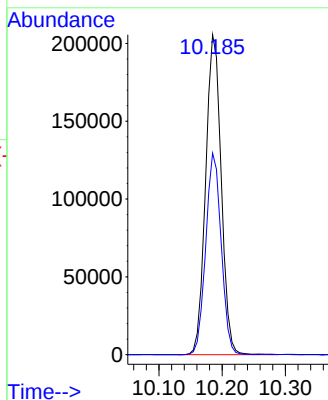
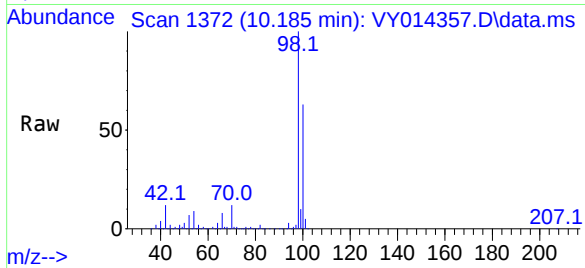




#50
Toluene-d8
Concen: 45.186 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

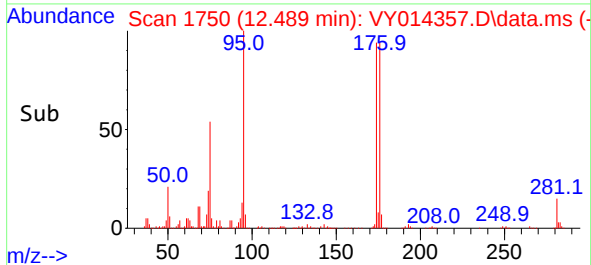
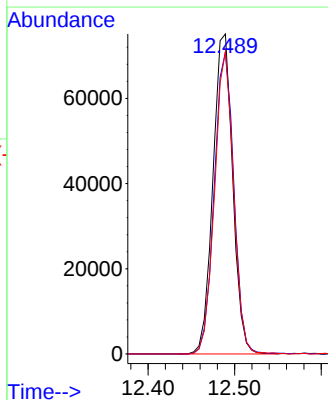
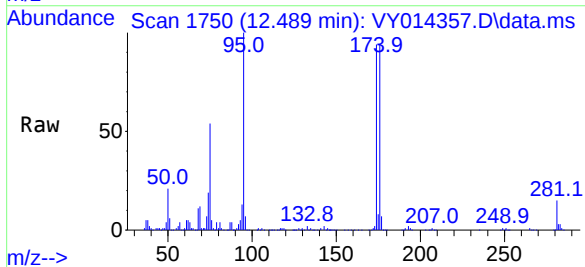
Instrument :
MSVOA_Y
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SB-6-(8-10)

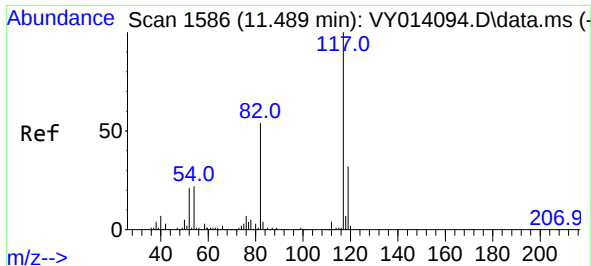
Tgt Ion: 98 Resp: 352490
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.854 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

Tgt Ion: 95 Resp: 118753
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 91.0 0.0 173.8

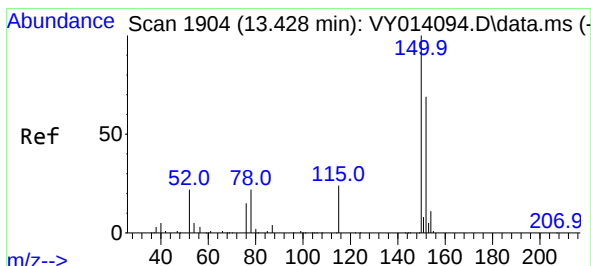
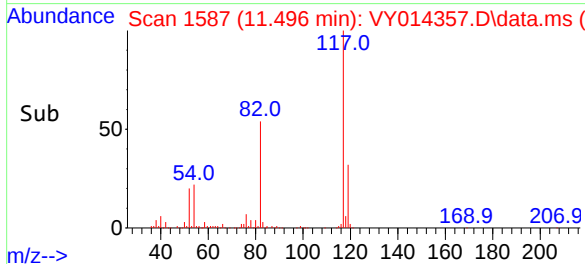
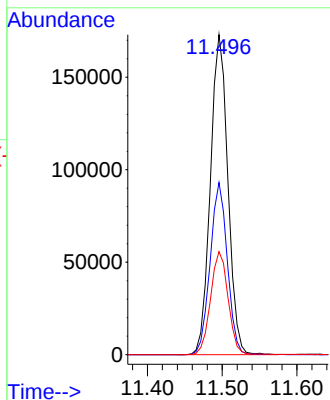
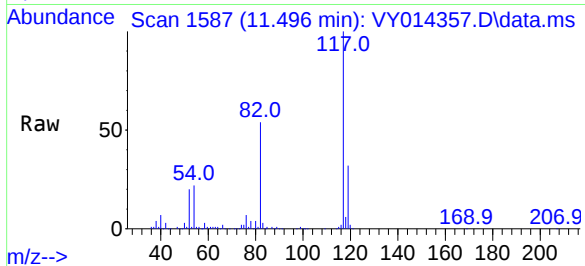




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

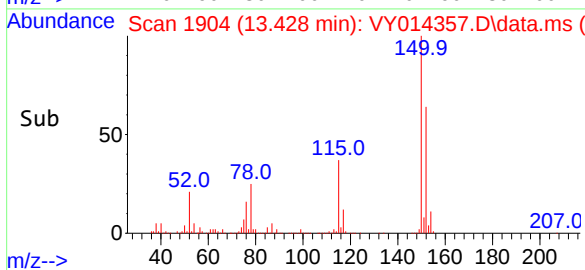
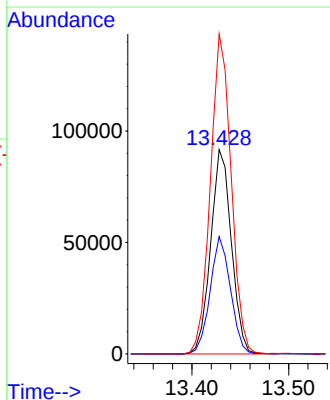
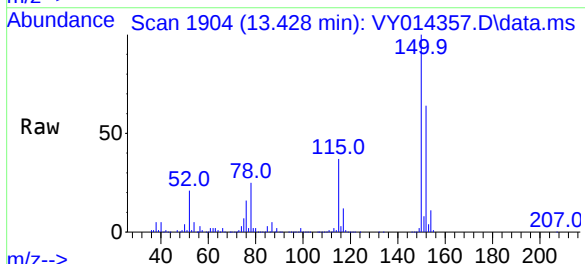
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(8-10)

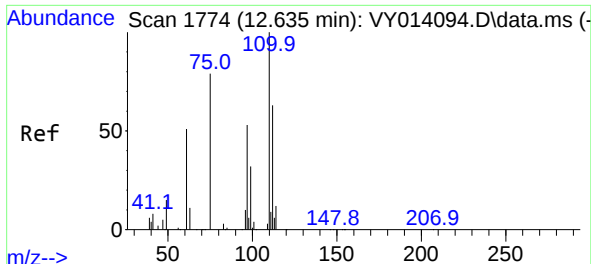
Tgt Ion:117 Resp: 282053
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

Tgt Ion:152 Resp: 136503
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 157.0 0.0 348.8

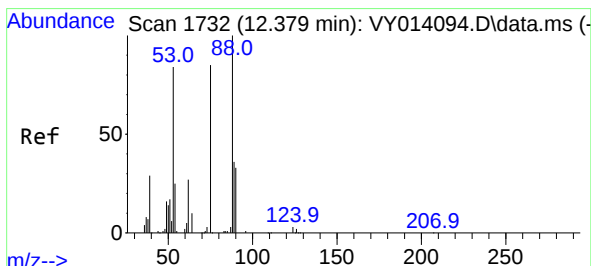
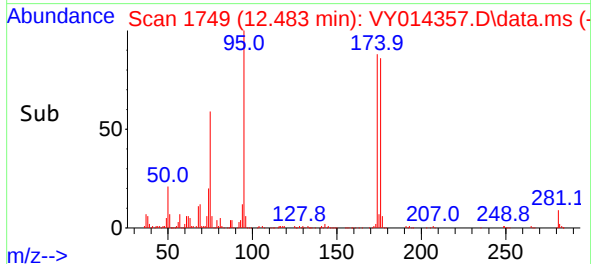
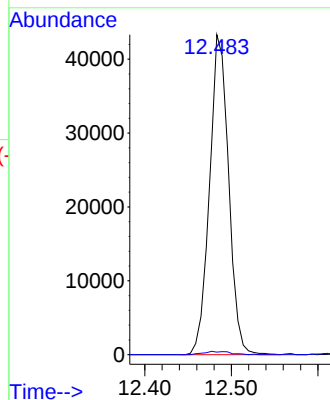
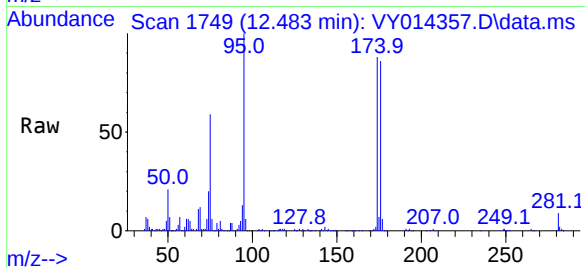




#76
1,2,3-Trichloropropane
Concen: 37.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(8-10)

Tgt Ion: 75 Resp: 66336
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014357.D
Acq: 22 Jun 2023 00:40

Tgt Ion: 75 Resp: 66336
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.5 37.4 56.0#

