

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007752.D
 Acq On : 04 Mar 2022 19:14
 Operator : SY/MD
 Sample : N1790-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:26:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

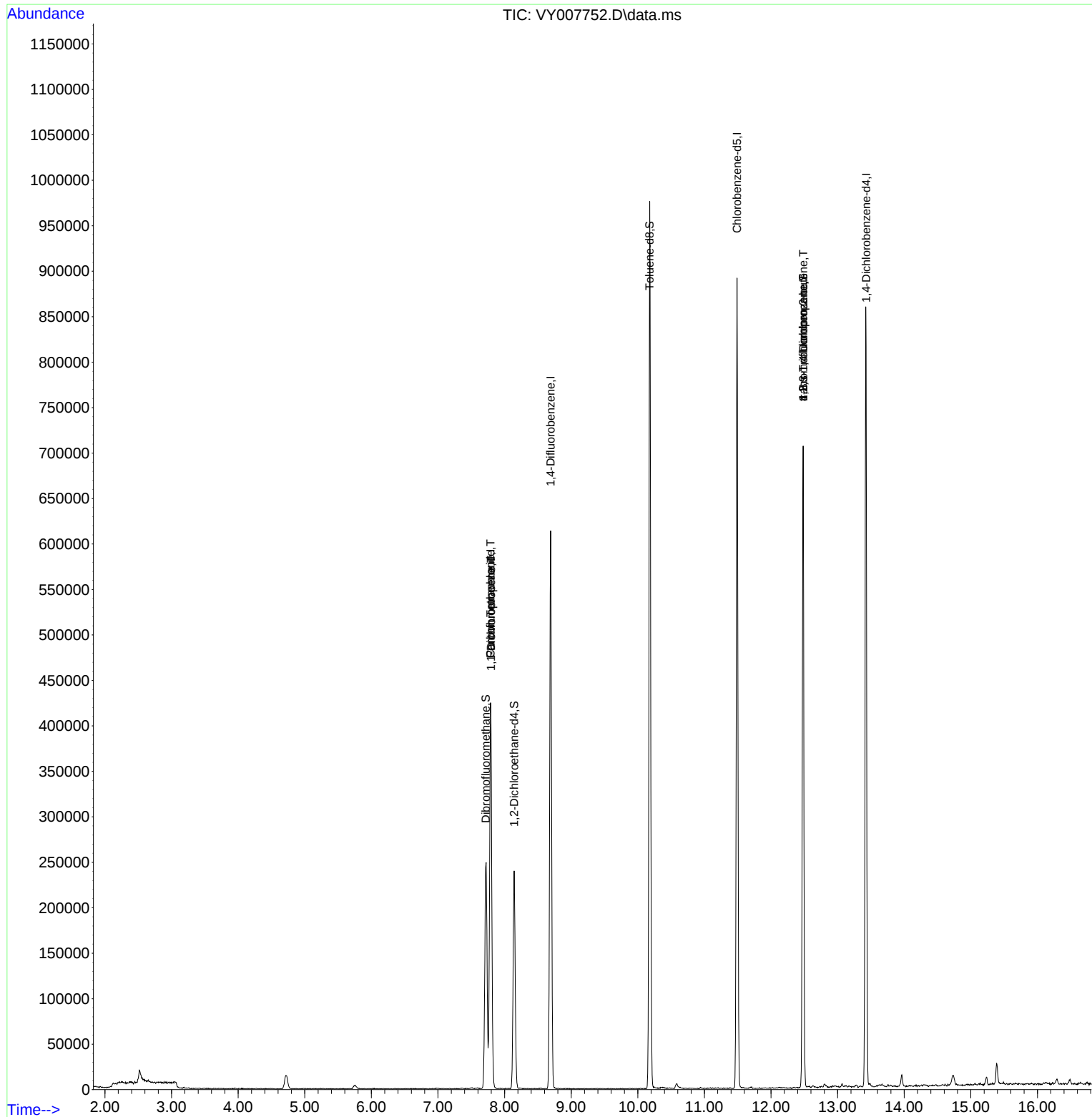
Internal Standards						
1) Pentafluorobenzene	7.789	168	345764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	536372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	478748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	222930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	179748	49.656	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.320%			
35) Dibromofluoromethane	7.716	113	174579	50.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.820%			
50) Toluene-d8	10.179	98	635431	50.339	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.483	95	190130	46.727	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.460%			
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	200	Below Cal	#	43
3) Chloromethane	2.113	50	1233	Below Cal	#	72
13) Acrolein	3.735	56	37	Below Cal	#	1
17) Carbon Disulfide	4.253	76	31	Below Cal	#	75
18) Methyl Acetate	4.484	43	19	Below Cal	#	56
20) Methylene Chloride	4.710	84	12280	Below Cal	#	66
31) Cyclohexane	7.789	56	6988	Below Cal	#	12
36) 1,1-Dichloropropene	7.795	75	25322	4.694 ug/l	#	51
38) Carbon Tetrachloride	7.789	117	33058	5.745 ug/l	#	16
76) 1,2,3-Trichloropropane	12.483	75	105347	42.315 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	105347	86.507 ug/l	#	7

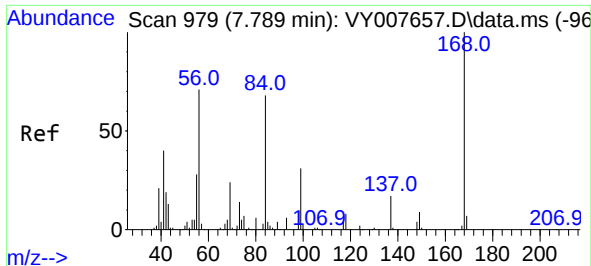
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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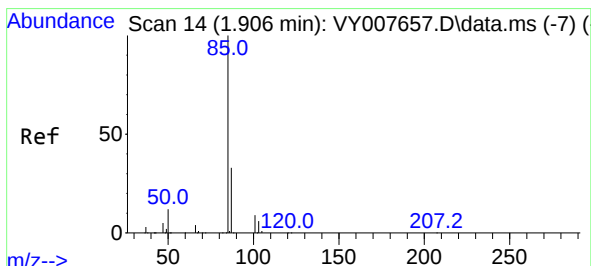
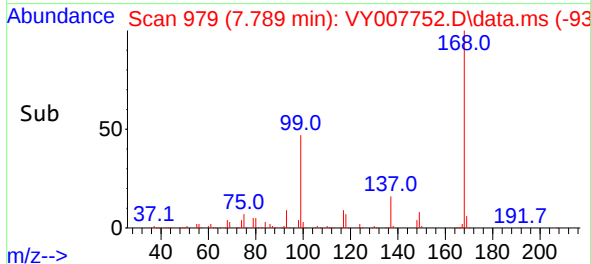
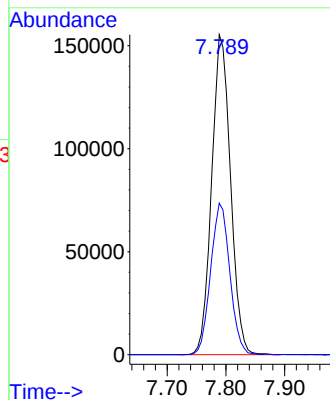
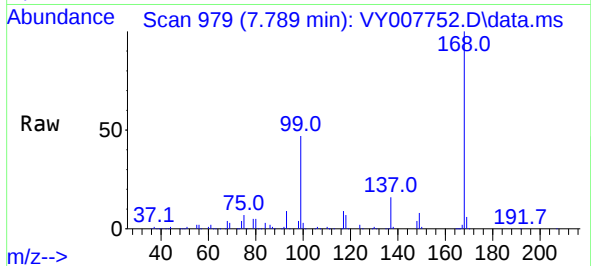




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

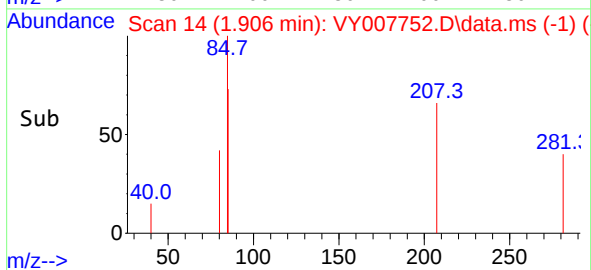
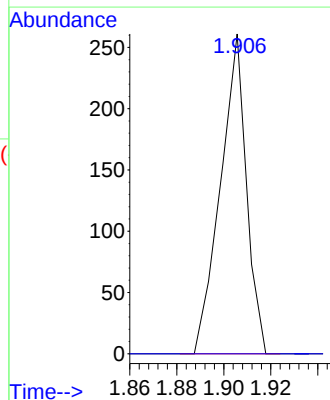
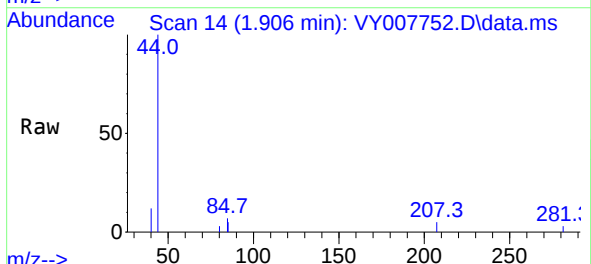
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 345764
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3

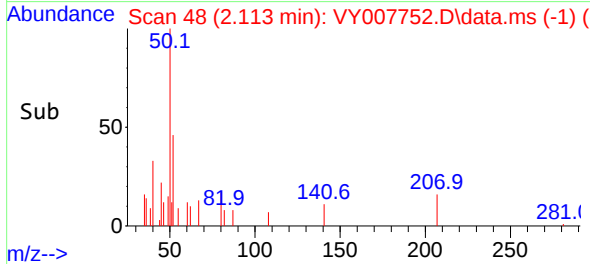
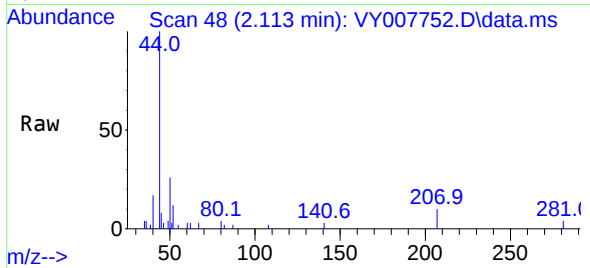
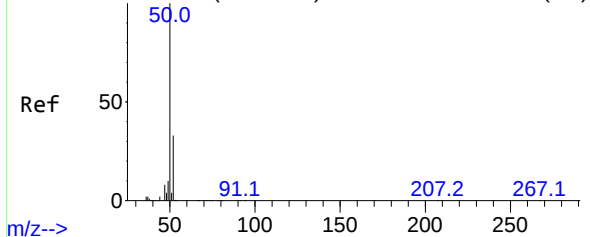


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

Tgt Ion: 85 Resp: 200
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY007752.D

Acq: 04 Mar 2022 19:14

Instrument :

MSVOA_Y

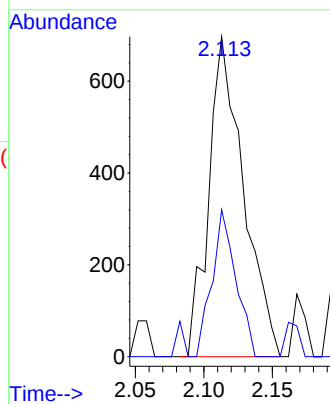
ClientSampleId :

Tgt Ion: 50 Resp: 1233

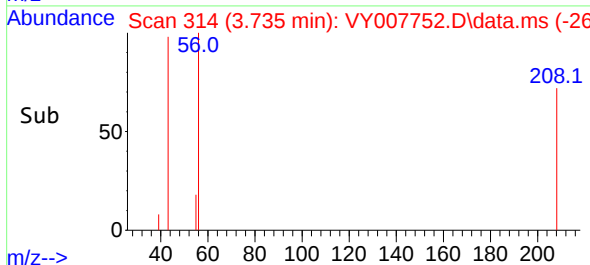
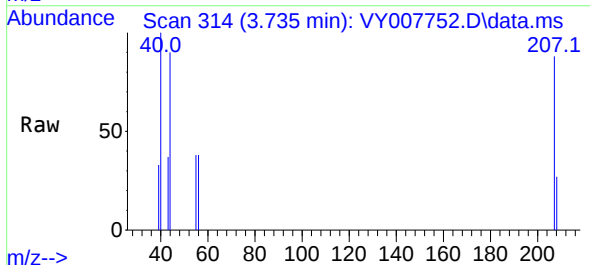
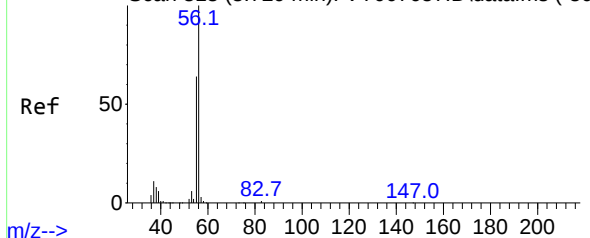
Ion Ratio Lower Upper

50 100

52 45.9 24.6 37.0#



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.735 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY007752.D

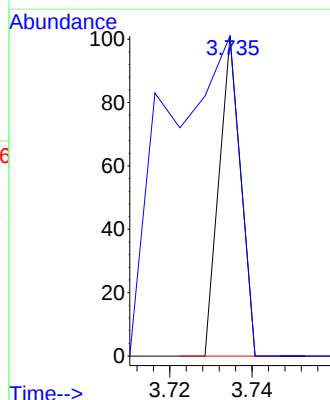
Acq: 04 Mar 2022 19:14

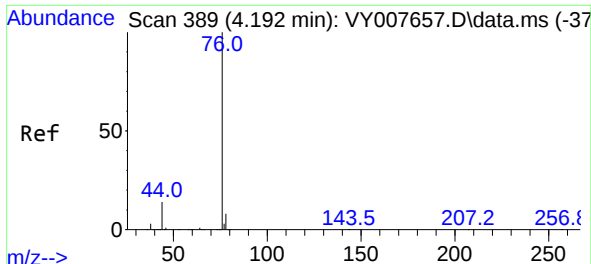
Tgt Ion: 56 Resp: 37

Ion Ratio Lower Upper

56 100

55 335.1 57.6 86.4#

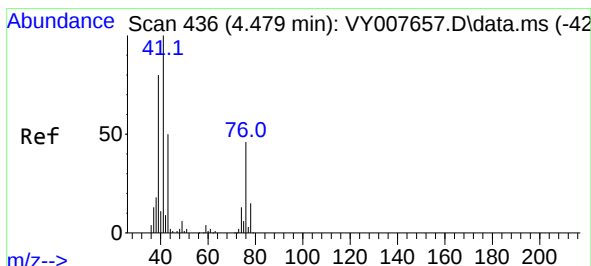
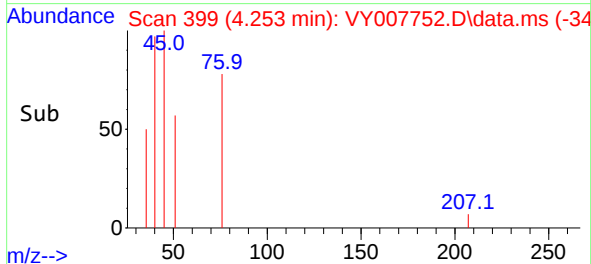
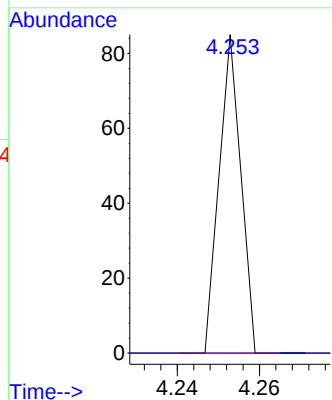
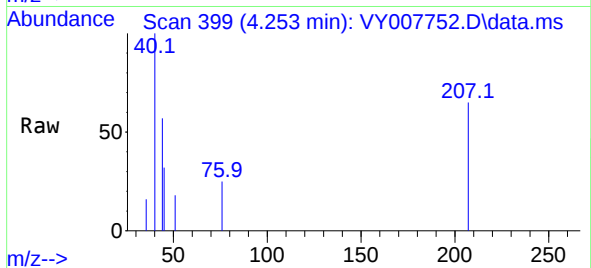




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.253 min Scan# 31
Delta R.T. 0.061 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

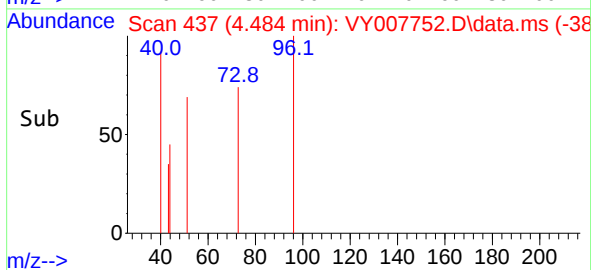
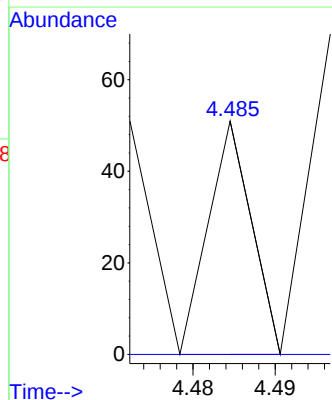
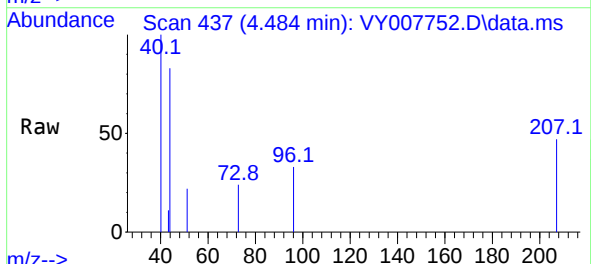
Instrument :
MSVOA_Y
ClientSampleId :

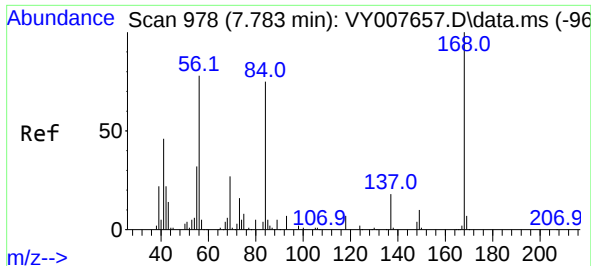
Tgt Ion: 76 Resp: 31
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.484 min Scan# 437
Delta R.T. 0.005 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

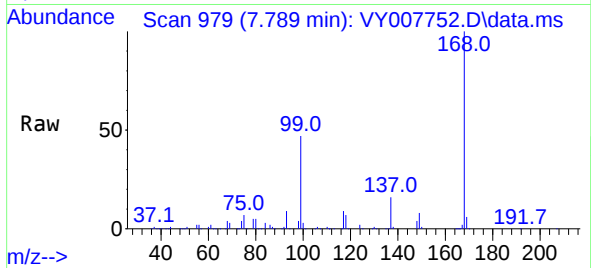
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



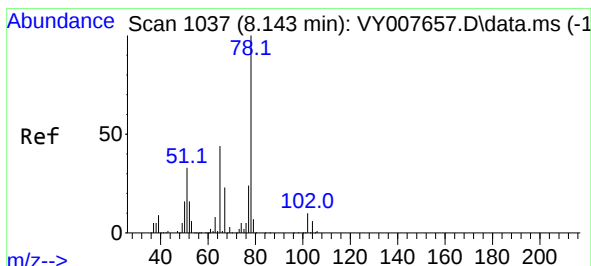
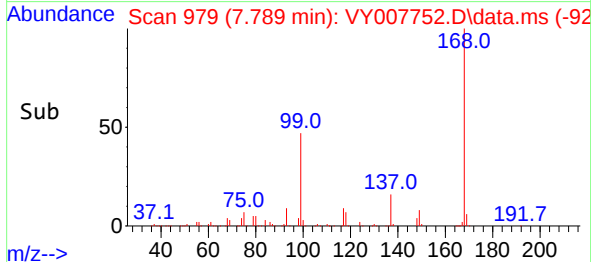
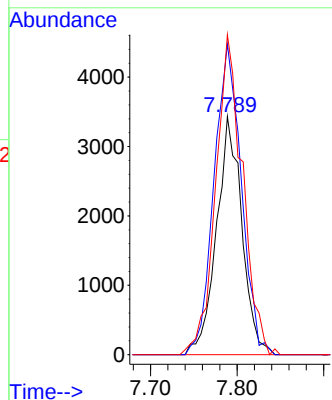


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

Instrument :
MSVOA_Y
ClientSampleId :

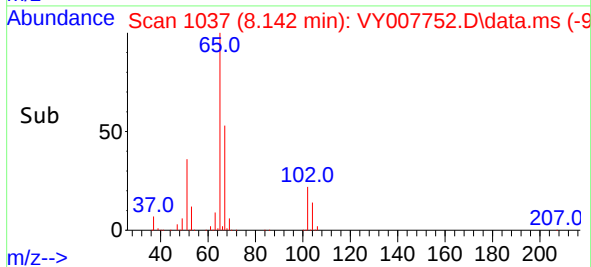
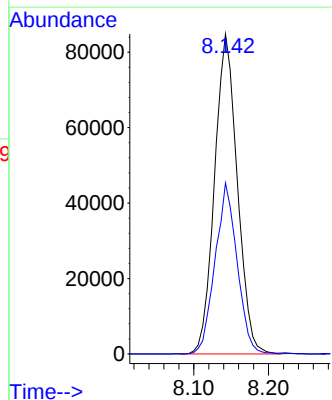
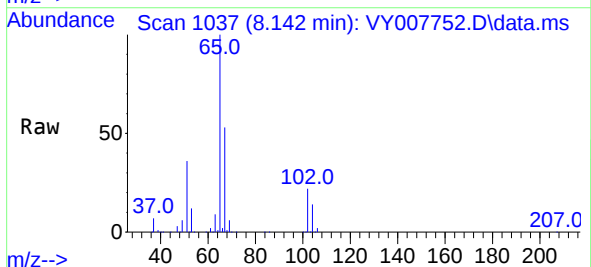


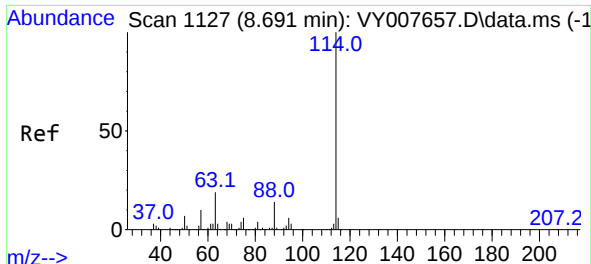
Tgt Ion: 56 Resp: 6988
Ion Ratio Lower Upper
56 100
69 130.5 26.7 40.1#
84 134.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.656 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

Tgt Ion: 65 Resp: 179748
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007752.D

Acq: 04 Mar 2022 19:14

Instrument :

MSVOA_Y

ClientSampleId :

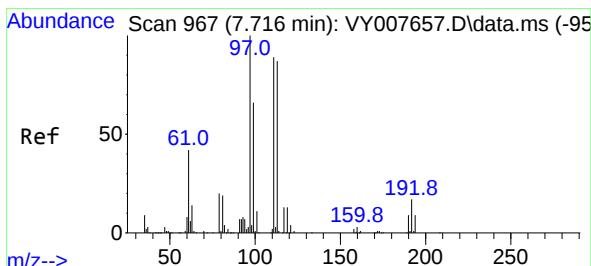
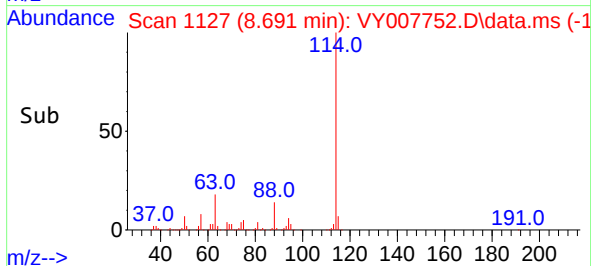
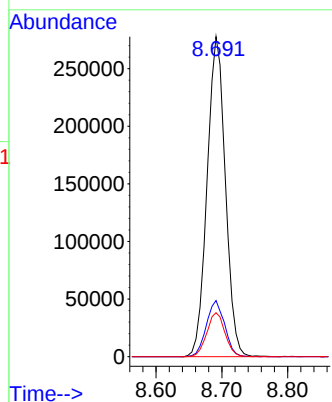
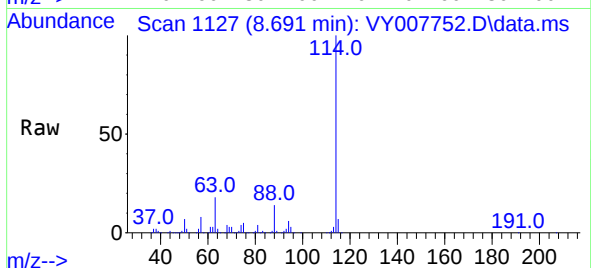
Tgt Ion:114 Resp: 536372

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.910 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007752.D

Acq: 04 Mar 2022 19:14

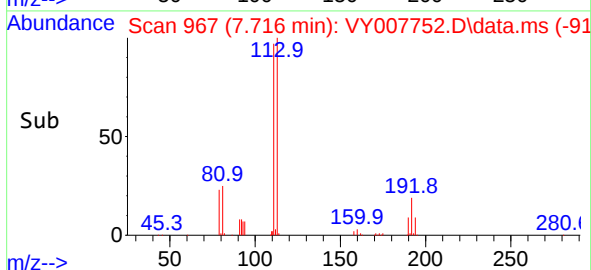
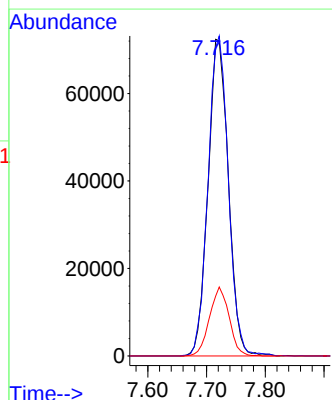
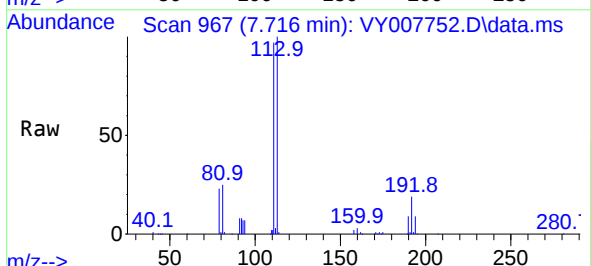
Tgt Ion:113 Resp: 174579

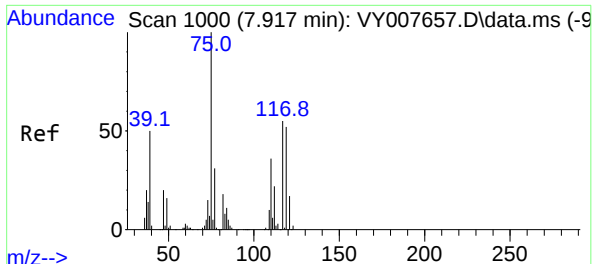
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 21.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.694 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007752.D

Acq: 04 Mar 2022 19:14

Instrument :

MSVOA_Y

ClientSampleId :

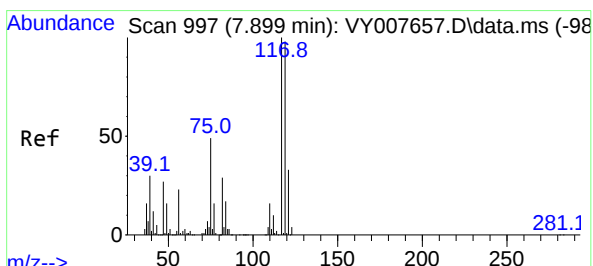
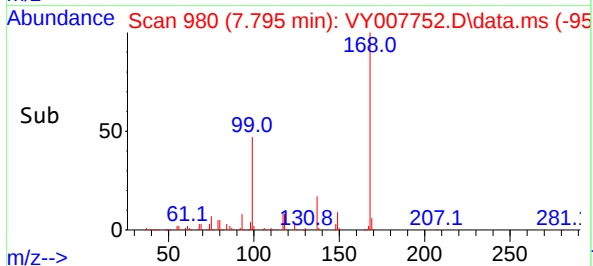
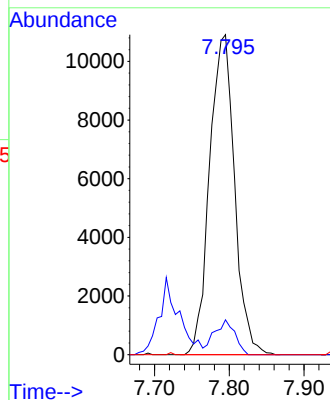
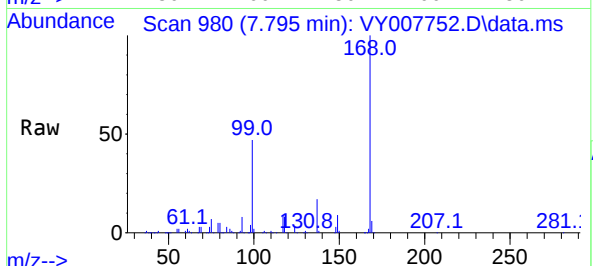
Tgt Ion: 75 Resp: 25322

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.745 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007752.D

Acq: 04 Mar 2022 19:14

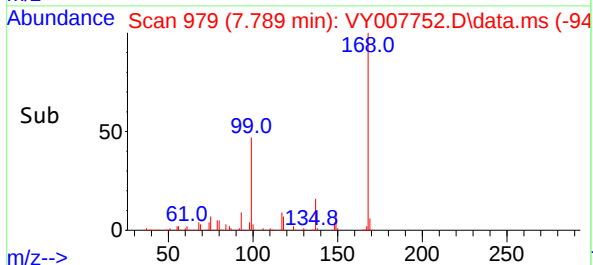
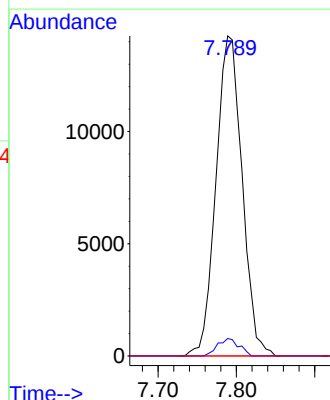
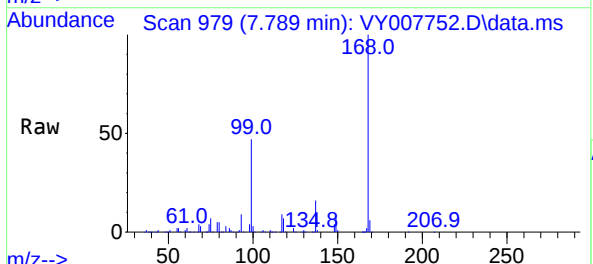
Tgt Ion: 117 Resp: 33058

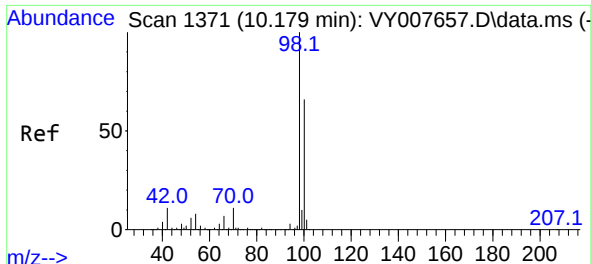
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#

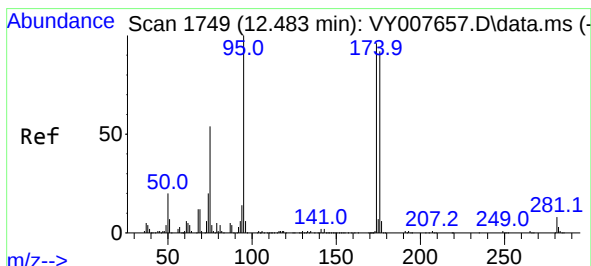
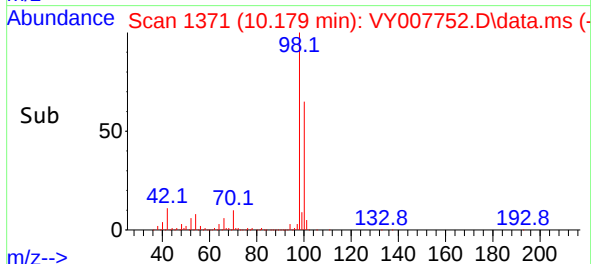
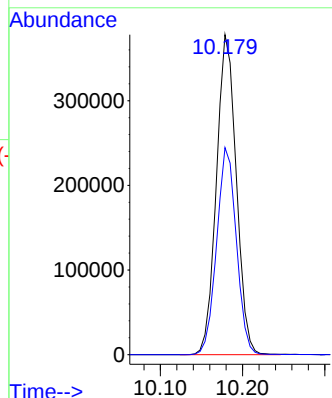
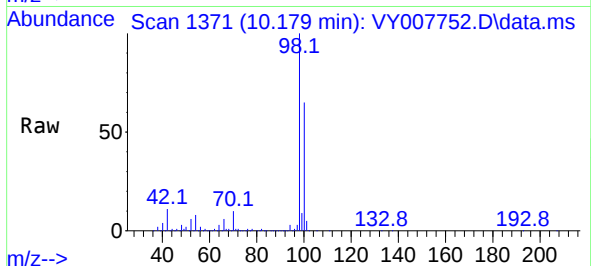




#50
Toluene-d8
Concen: 50.339 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

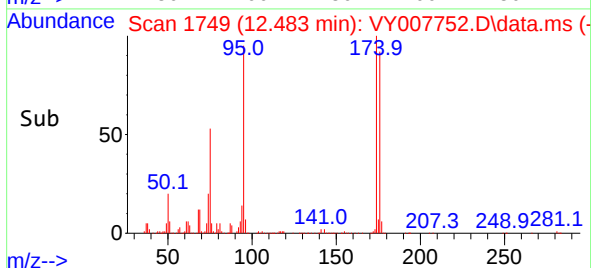
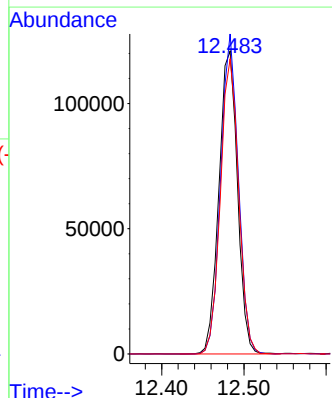
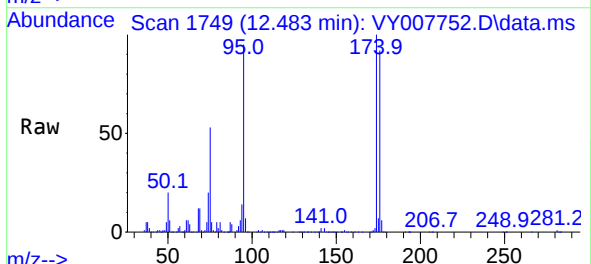
Instrument :
MSVOA_Y
ClientSampleId :

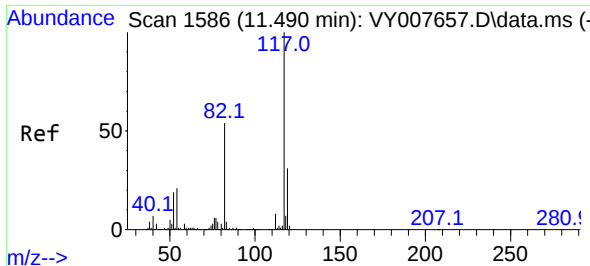
Tgt Ion: 98 Resp: 635431
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.727 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

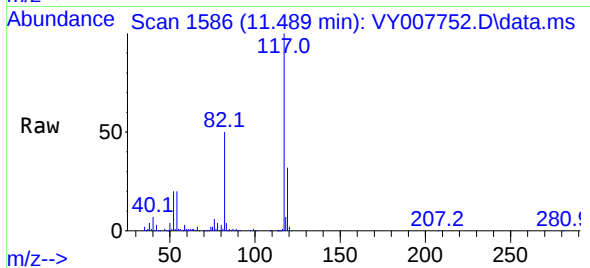
Tgt Ion: 95 Resp: 190130
Ion Ratio Lower Upper
95 100
174 100.4 0.0 177.0
176 95.6 0.0 175.8



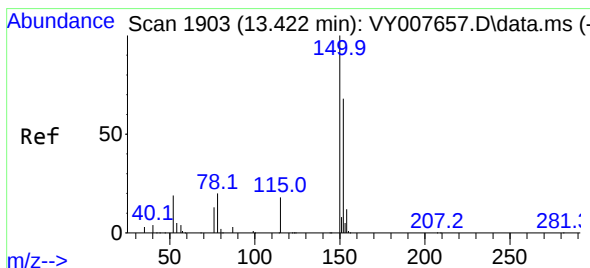
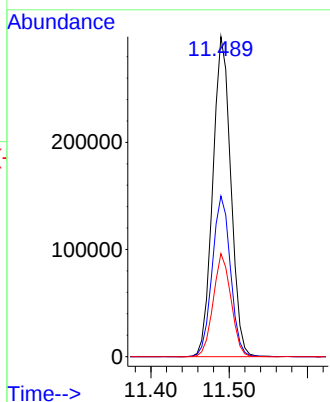
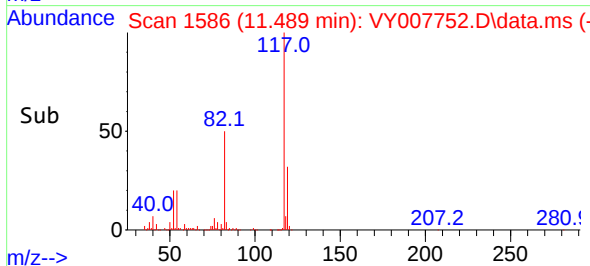


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

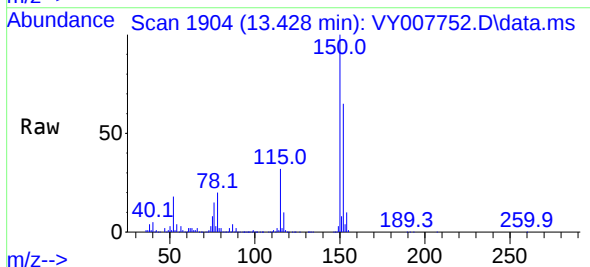
Instrument :
MSVOA_Y
ClientSampleId :



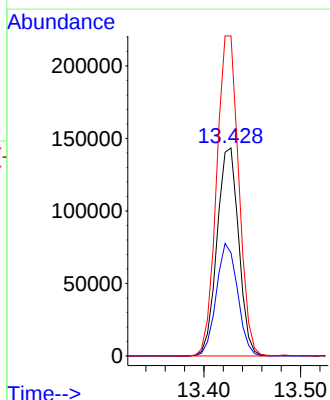
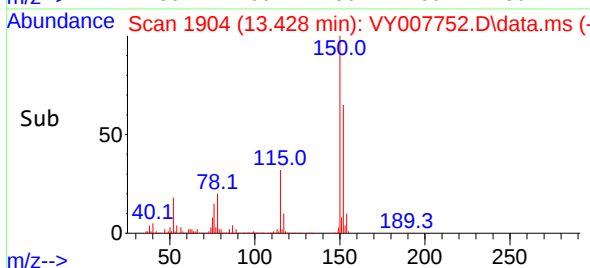
Tgt Ion:117 Resp: 478748
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.2 25.4 38.0

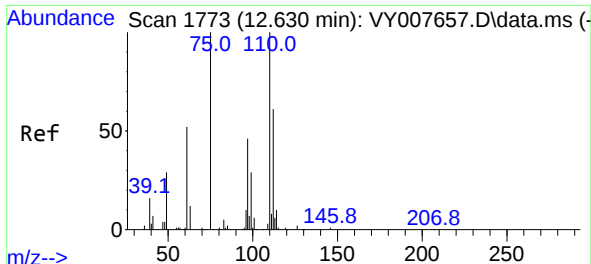


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14



Tgt Ion:152 Resp: 222930
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 157.1 0.0 347.6

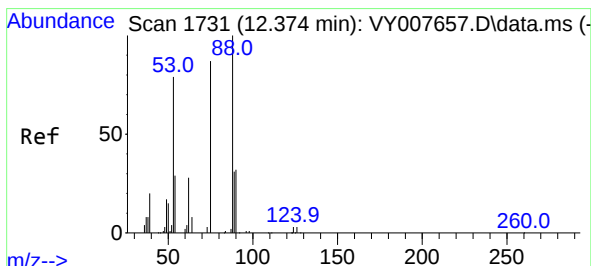
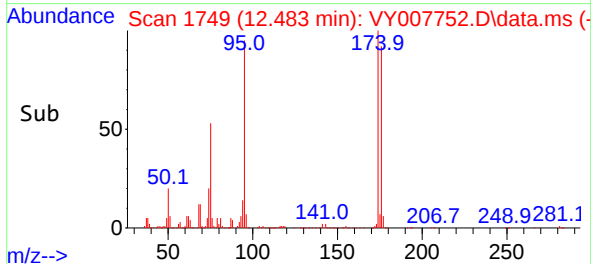
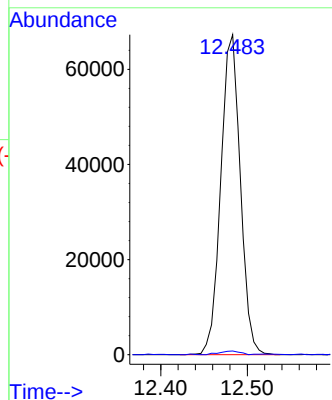
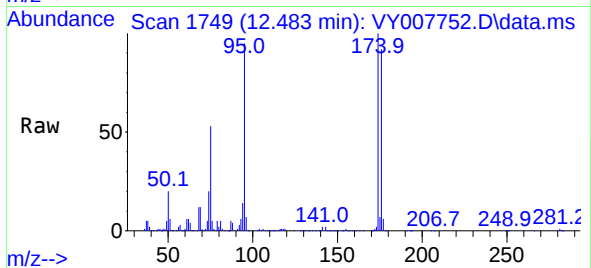




#76
1,2,3-Trichloropropane
Concen: 42.315 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 105347
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.507 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007752.D
Acq: 04 Mar 2022 19:14

Tgt Ion: 75 Resp: 105347
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

