

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007757.D
 Acq On : 04 Mar 2022 21:11
 Operator : SY/MD
 Sample : N1805-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:27:22 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)

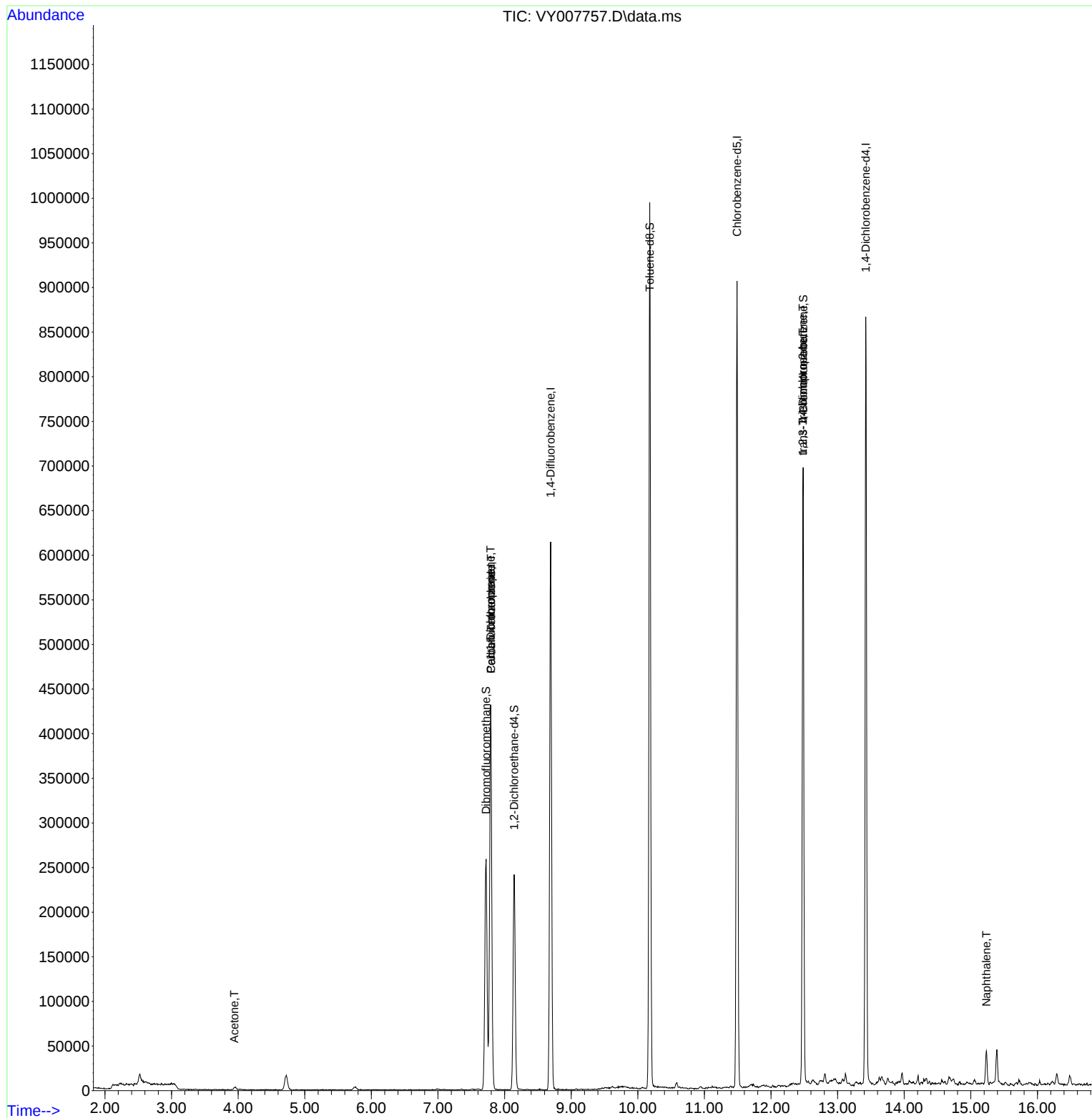
Internal Standards						
1) Pentafluorobenzene	7.795	168	341148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	538818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	493009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	184152	51.561	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 103.120%		
35) Dibromofluoromethane	7.722	113	178232	51.739	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 103.480%		
50) Toluene-d8	10.179	98	650376	51.289	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 102.580%		
62) 4-Bromofluorobenzene	12.483	95	192479	47.089	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 94.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	133	Below Cal	#	43
3) Chloromethane	2.113	50	1368	Below Cal	#	80
13) Acrolein	3.735	56	63	Below Cal	#	14
16) Acetone	3.942	43	5348	7.361	ug/l	97
17) Carbon Disulfide	4.198	76	44	Below Cal	#	75
18) Methyl Acetate	4.485	43	18	Below Cal	#	56
20) Methylene Chloride	4.722	84	12336	Below Cal		86
31) Cyclohexane	7.789	56	7317	Below Cal	#	17
36) 1,1-Dichloropropene	7.789	75	23960	4.421	ug/l #	52
38) Carbon Tetrachloride	7.795	117	32140	5.560	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	107608	43.391	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	107608	88.707	ug/l #	7
95) Naphthalene	15.233	128	30410	3.353	ug/l #	97

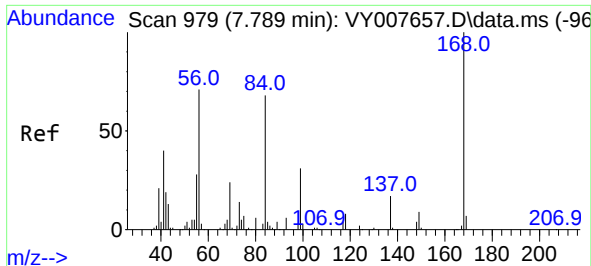
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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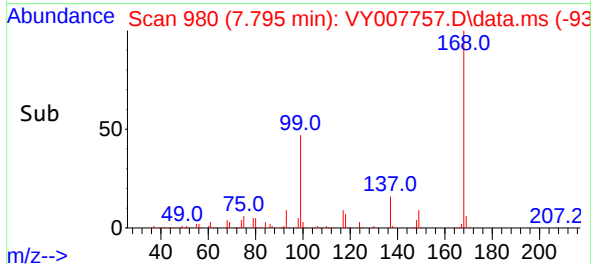
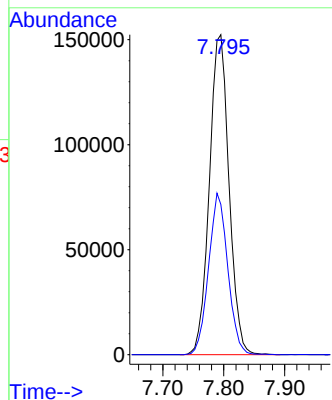
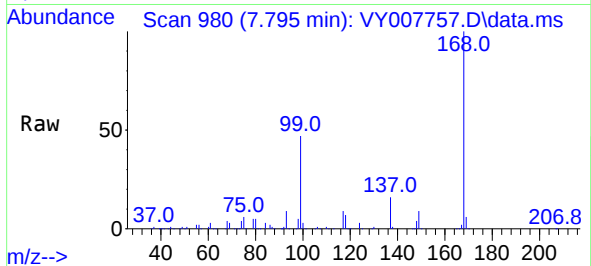




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

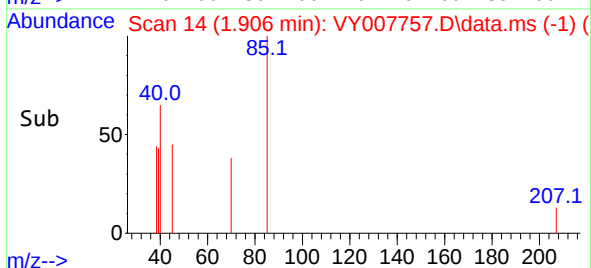
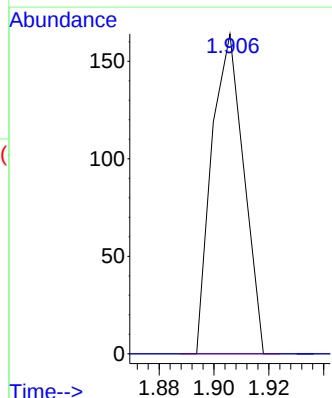
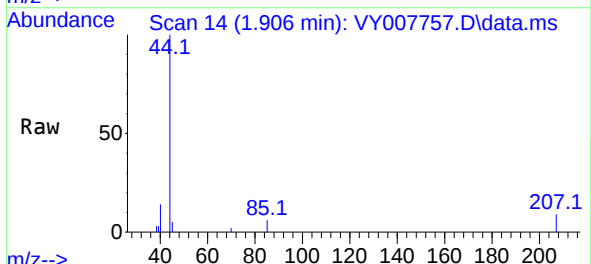
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 341148
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3

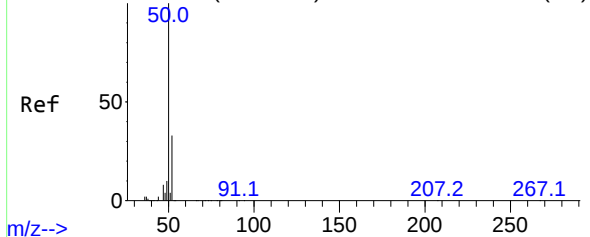


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

Tgt Ion: 85 Resp: 133
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

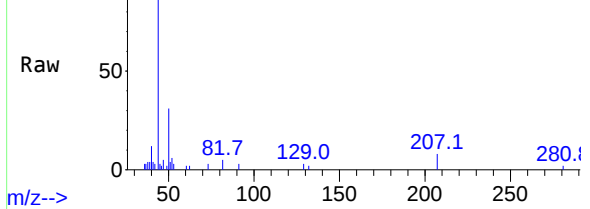


Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



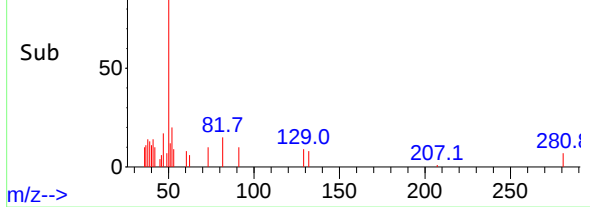
m/z-->

Abundance Scan 48 (2.113 min): VY007757.D\data.ms



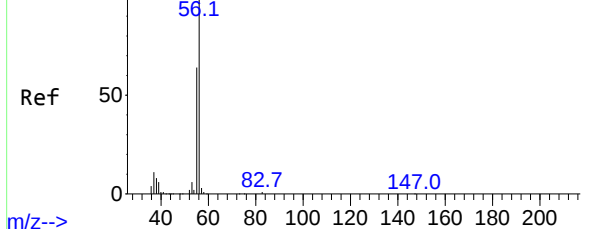
m/z-->

Abundance Scan 48 (2.113 min): VY007757.D\data.ms (-1)



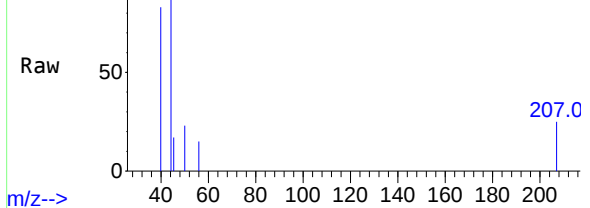
m/z-->

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



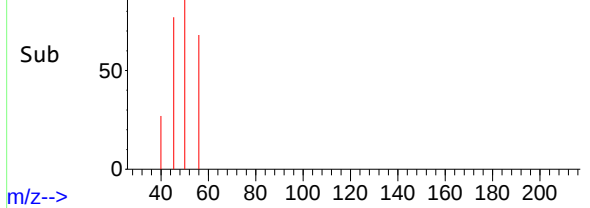
m/z-->

Abundance Scan 314 (3.735 min): VY007757.D\data.ms



m/z-->

Abundance Scan 314 (3.735 min): VY007757.D\data.ms (-26)



m/z-->

#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007757.D

Acq: 04 Mar 2022 21:11

Instrument :

MSVOA_Y

ClientSampleId :

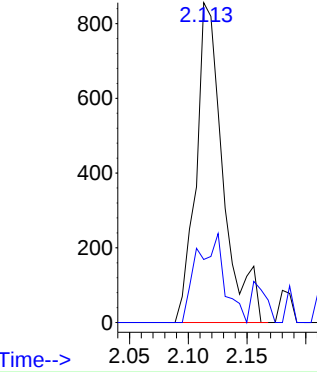
Tgt Ion: 50 Resp: 1368

Ion Ratio Lower Upper

50 100

52 19.7 24.6 37.0#

Abundance



Time-->

#13

Acrolein

Concen: Below Cal

RT: 3.735 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY007757.D

Acq: 04 Mar 2022 21:11

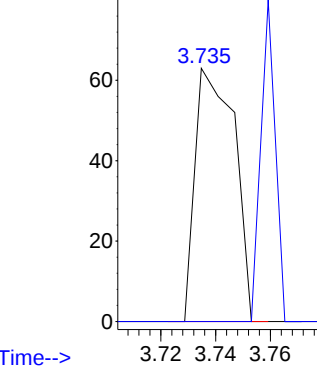
Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

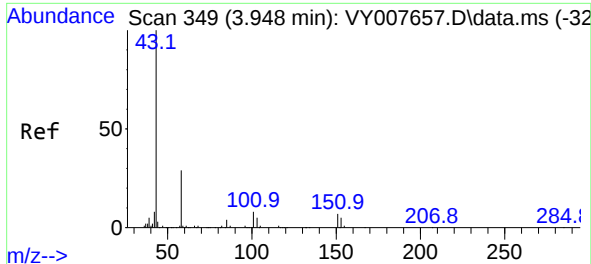
56 100

55 0.0 57.6 86.4#

Abundance



Time-->



#16

Acetone

Concen: 7.361 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007757.D

Acq: 04 Mar 2022 21:11

Instrument :

MSVOA_Y

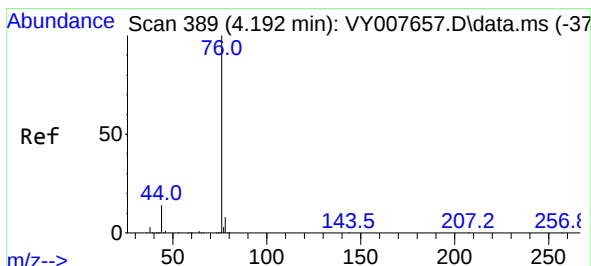
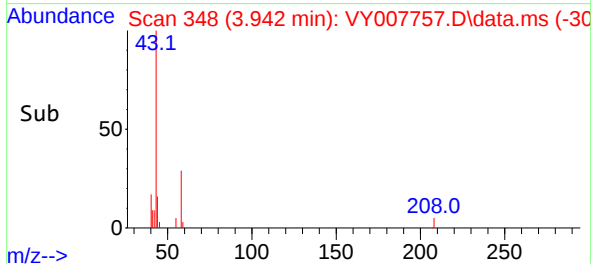
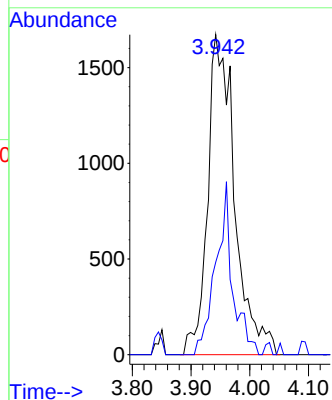
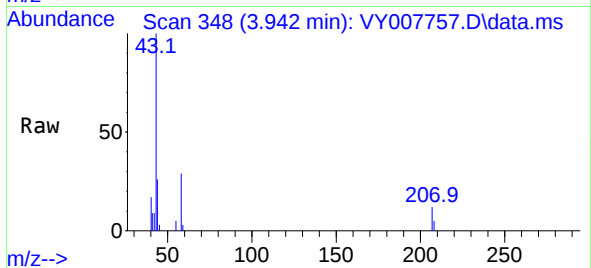
ClientSampleId :

Tgt Ion: 43 Resp: 5348

Ion Ratio Lower Upper

43 100

58 28.9 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY007757.D

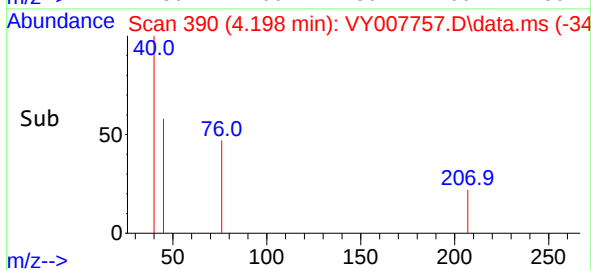
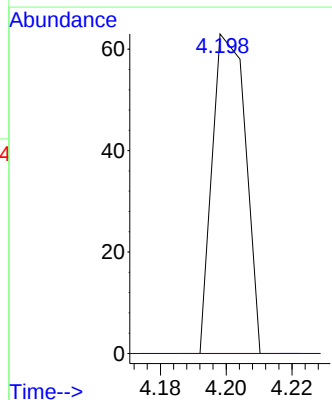
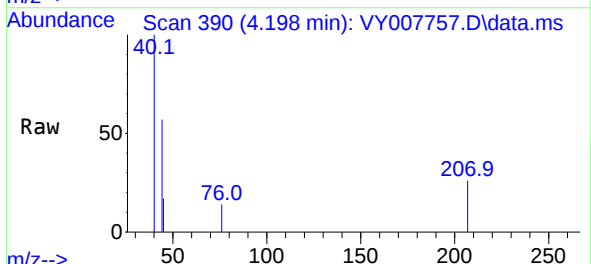
Acq: 04 Mar 2022 21:11

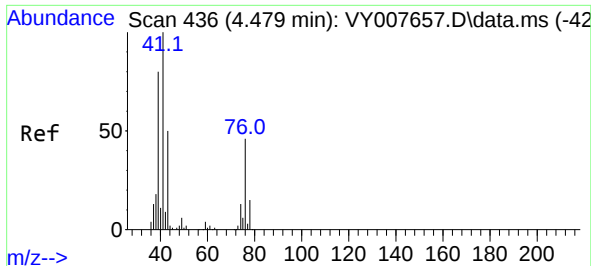
Tgt Ion: 76 Resp: 44

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

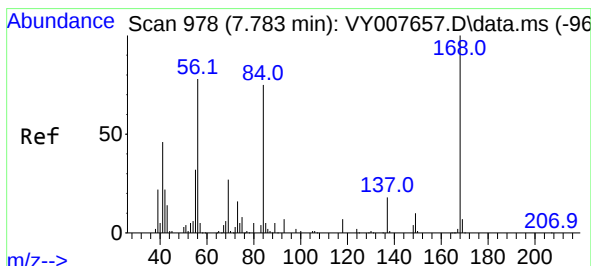
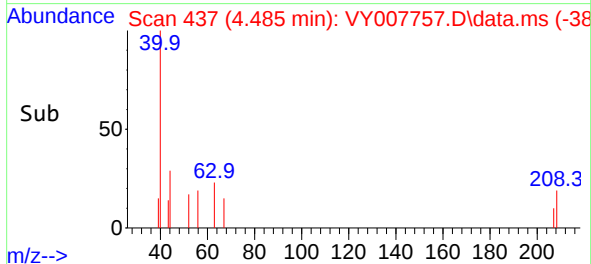
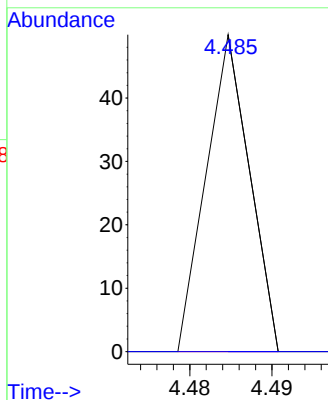
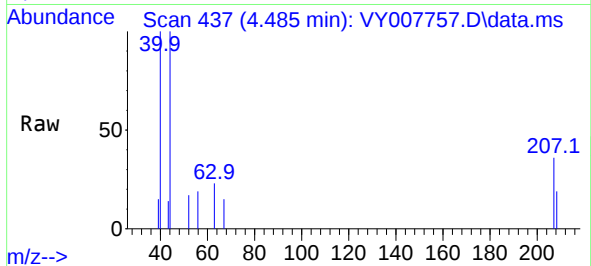




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

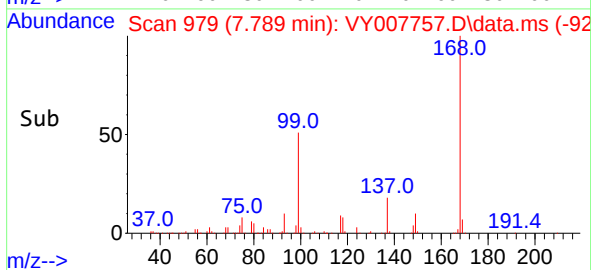
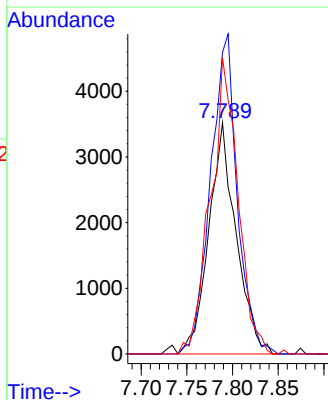
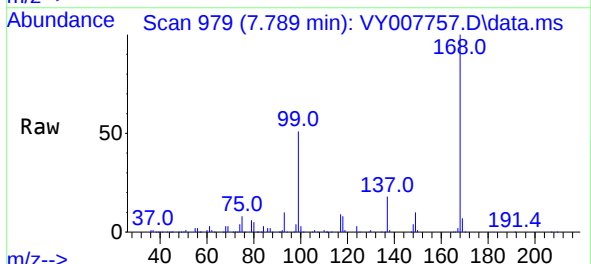
Instrument :
MSVOA_Y
ClientSampleId :

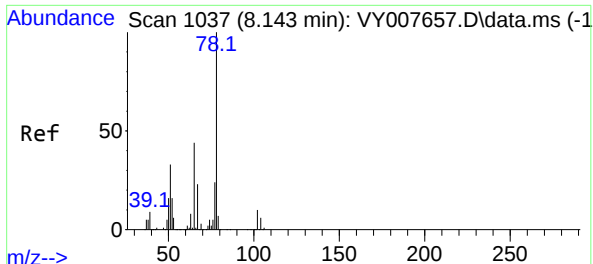
Tgt Ion: 43 Resp: 18
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

Tgt Ion: 56 Resp: 7317
Ion Ratio Lower Upper
56 100
69 130.4 26.7 40.1#
84 128.0 67.2 100.8#

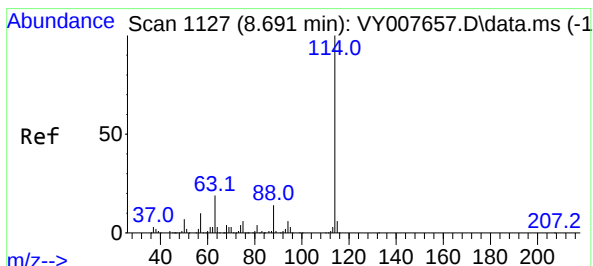
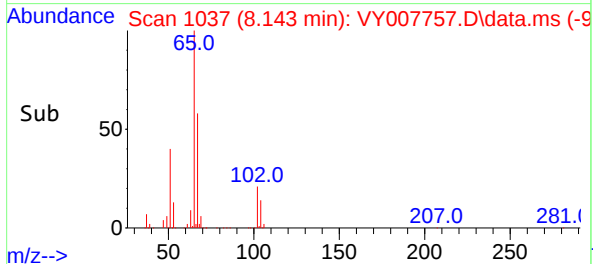
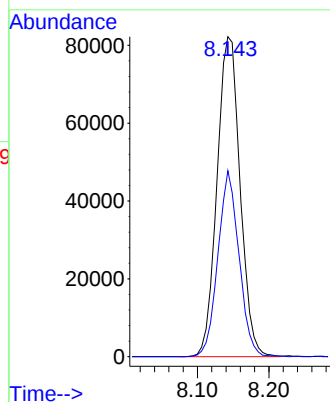
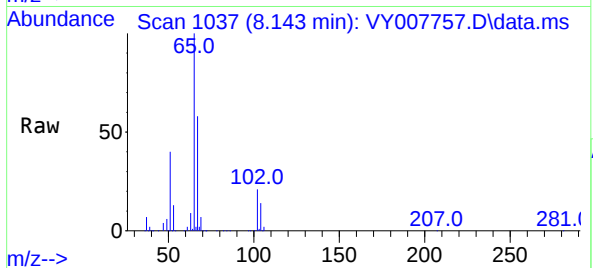




#33
1,2-Dichloroethane-d4
Concen: 51.561 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

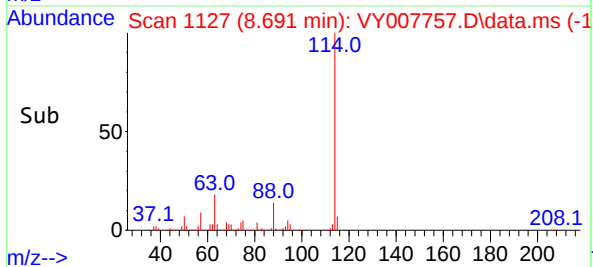
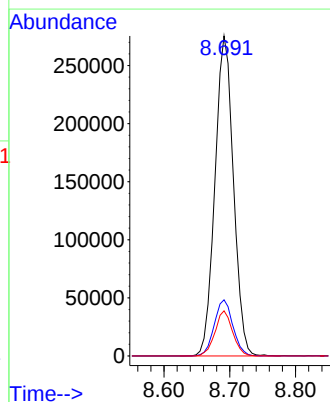
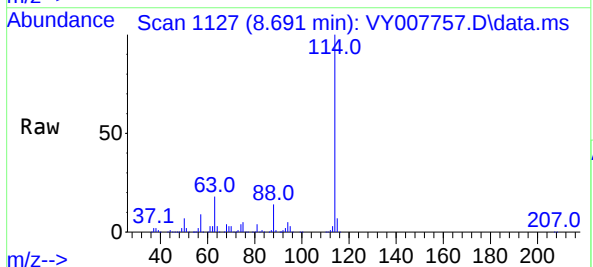
Instrument :
MSVOA_Y
ClientSampleId :

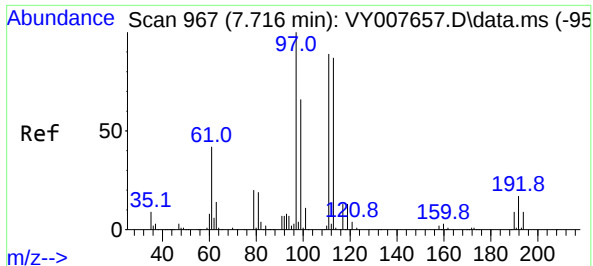
Tgt Ion: 65 Resp: 184152
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

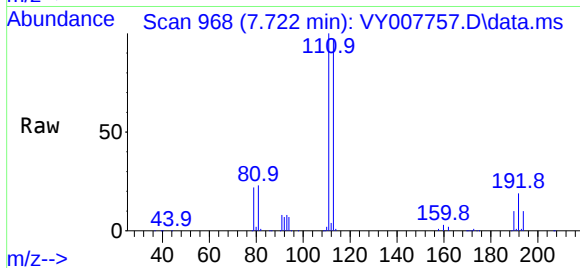
Tgt Ion:114 Resp: 538818
Ion Ratio Lower Upper
114 100
63 17.6 0.0 43.2
88 14.1 0.0 31.8



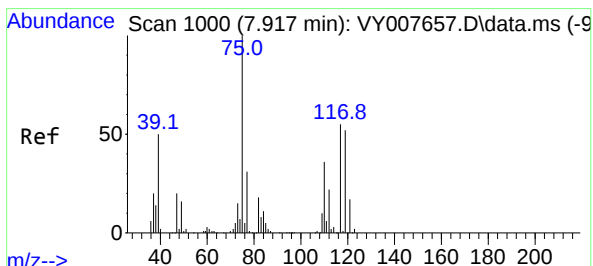
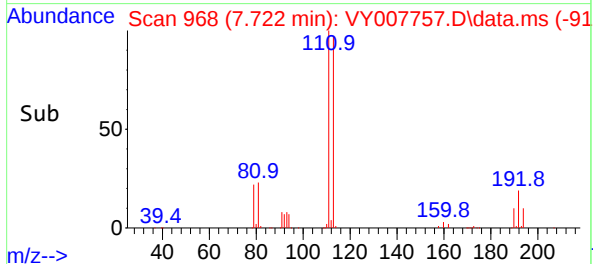
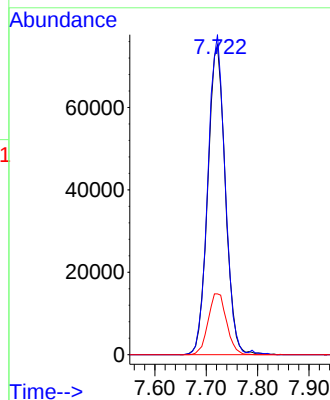


#35
Dibromofluoromethane
Concen: 51.739 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

Instrument :
MSVOA_Y
ClientSampleId :

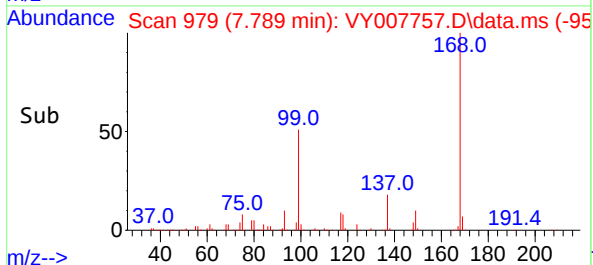
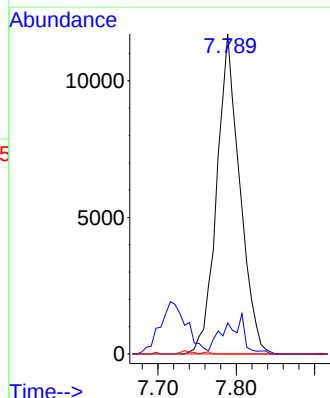
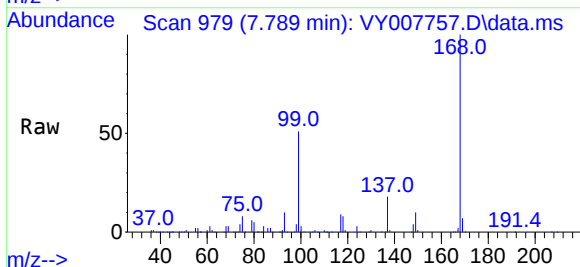


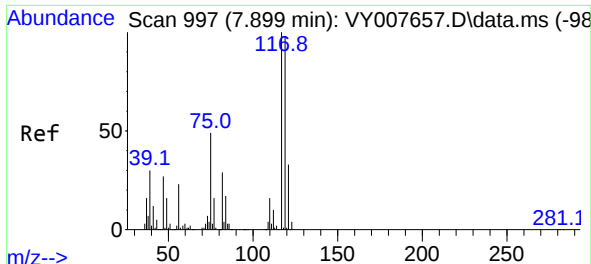
Tgt Ion:113 Resp: 178232
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.421 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

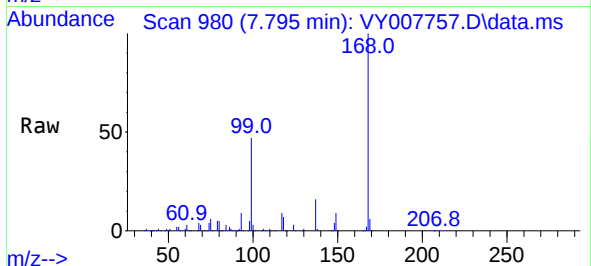
Tgt Ion: 75 Resp: 23960
Ion Ratio Lower Upper
75 100
110 10.7 17.1 51.2#
77 0.0 24.4 36.6#



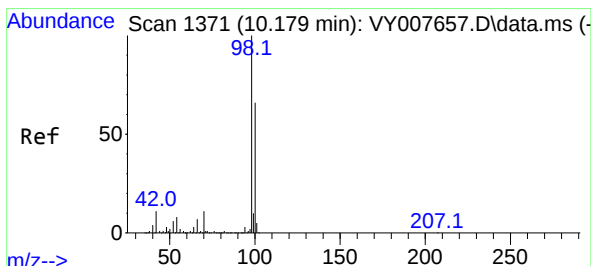
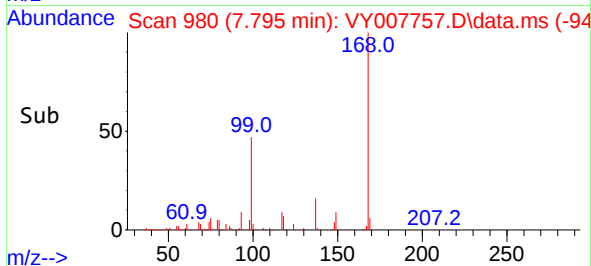
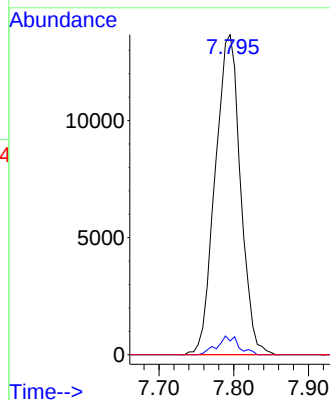


#38
Carbon Tetrachloride
Concen: 5.560 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

Instrument :
MSVOA_Y
ClientSampleId :

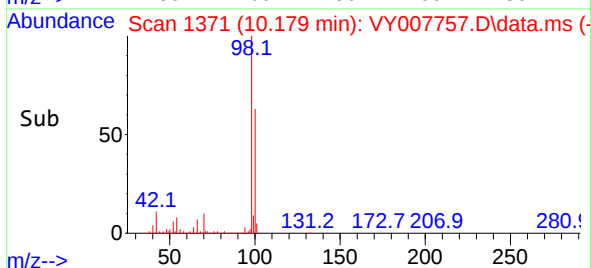
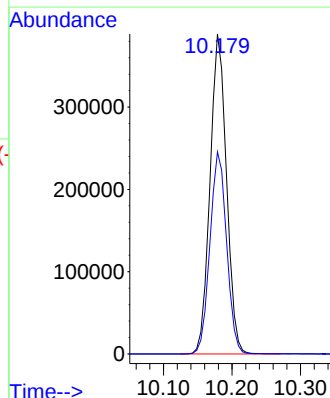
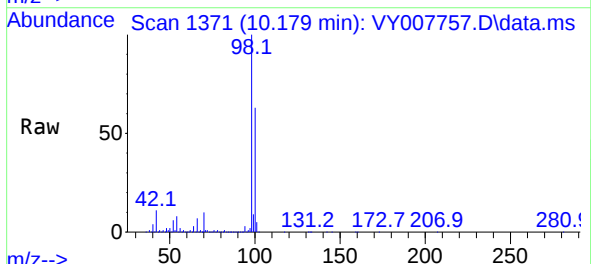


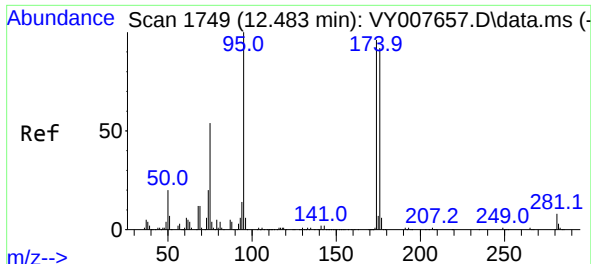
Tgt Ion:117 Resp: 32140
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.289 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

Tgt Ion: 98 Resp: 650376
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

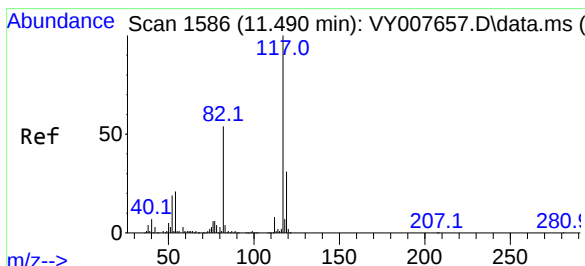
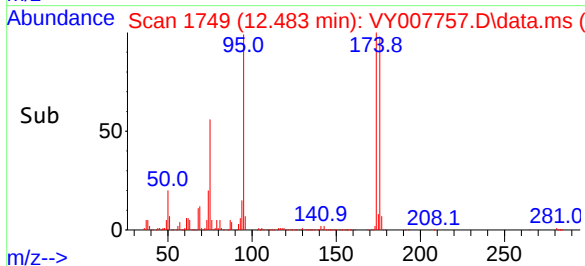
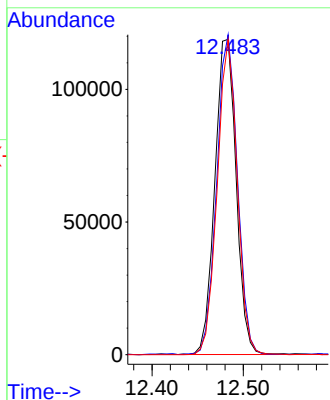
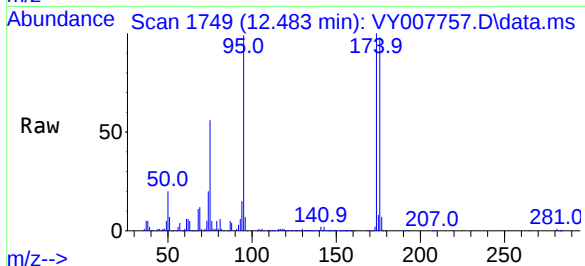




#62
4-Bromofluorobenzene
Concen: 47.089 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

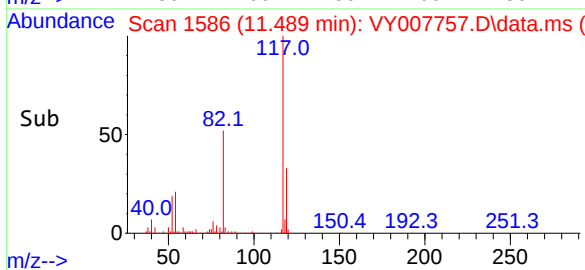
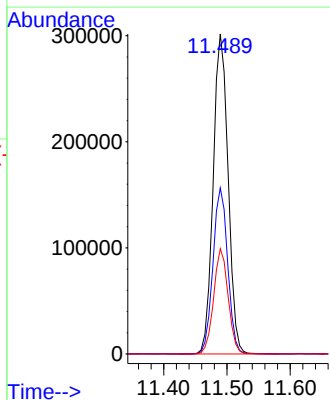
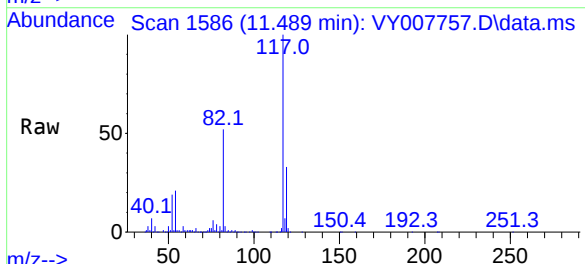
Instrument :
MSVOA_Y
ClientSampleId :

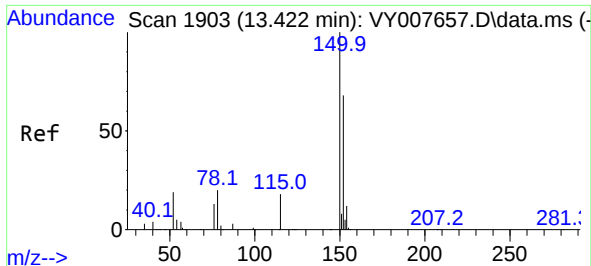
Tgt Ion: 95 Resp: 192479
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 93.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

Tgt Ion: 117 Resp: 493009
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.9 25.4 38.0

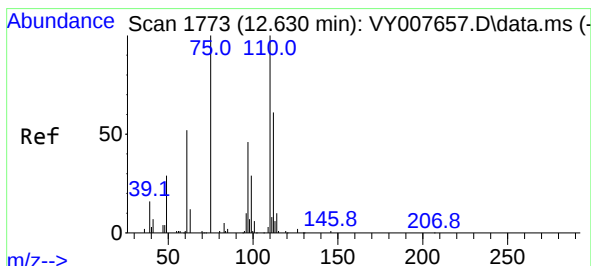
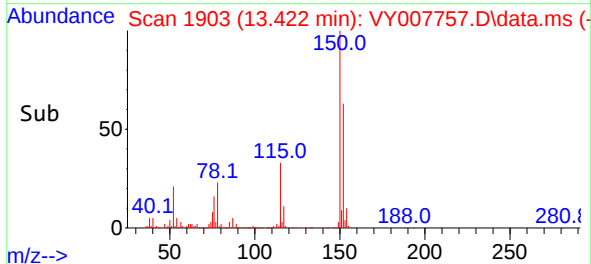
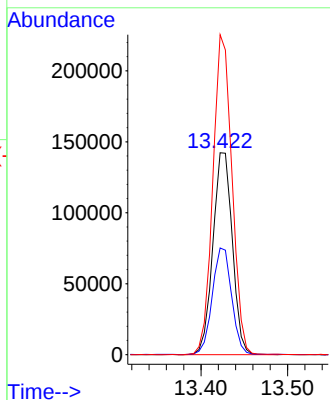
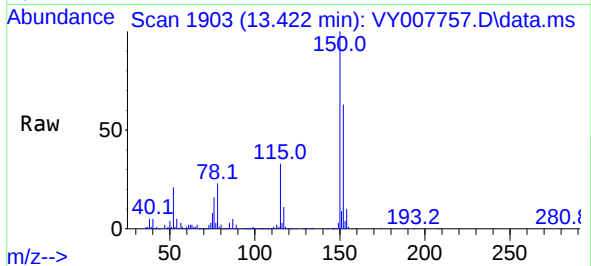




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007757.D
 Acq: 04 Mar 2022 21:11

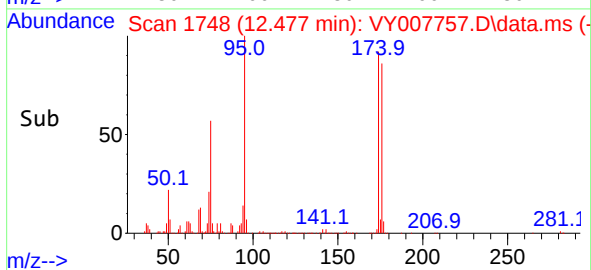
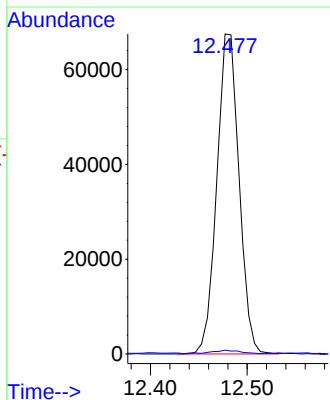
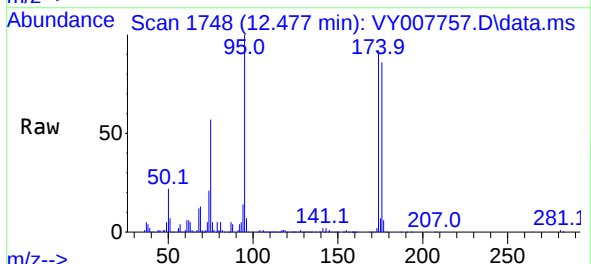
Instrument :
 MSVOA_Y
 ClientSampleId :

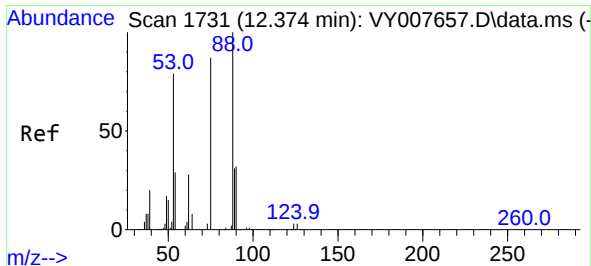
Tgt Ion:152 Resp: 222067
 Ion Ratio Lower Upper
 152 100
 115 52.7 28.2 84.7
 150 155.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.391 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007757.D
 Acq: 04 Mar 2022 21:11

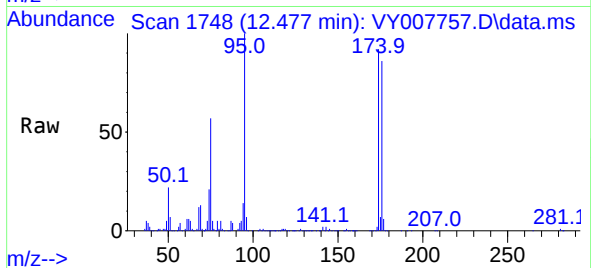
Tgt Ion: 75 Resp: 107608
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



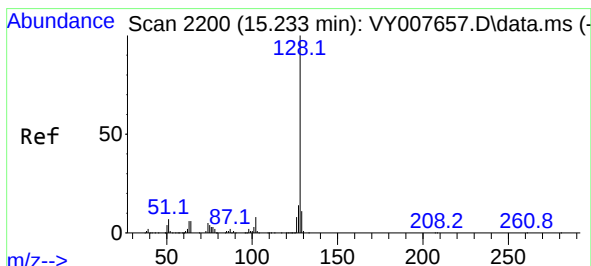
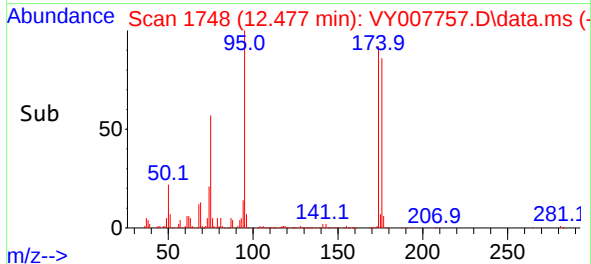
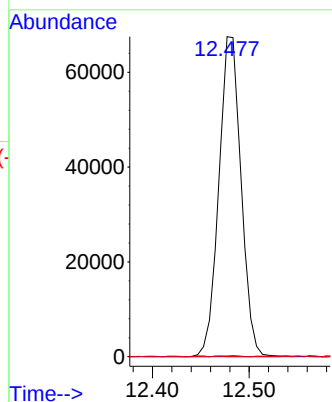


#81
trans-1,4-Dichloro-2-butene
Concen: 88.707 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 107608
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 3.353 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007757.D
Acq: 04 Mar 2022 21:11

Tgt Ion:128 Resp: 30410
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 12.9 8.4 12.6#

