

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007767.D
 Acq On : 07 Mar 2022 19:28
 Operator : SY/MD
 Sample : N1809-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 08 03:04:42 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)

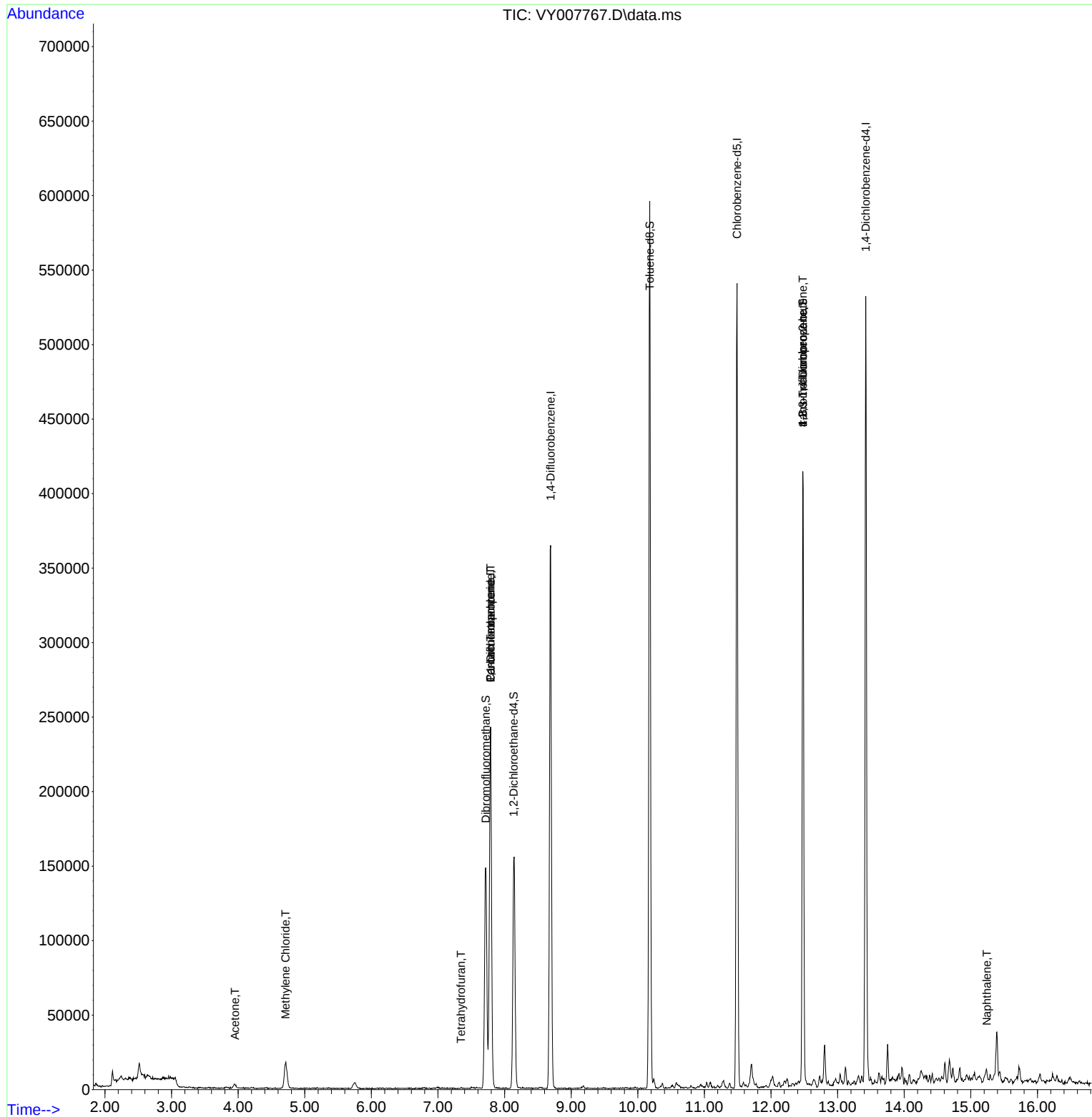
Internal Standards						
1) Pentafluorobenzene	7.789	168	177741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	305620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119761	64.360	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.720%			
35) Dibromofluoromethane	7.716	113	102635	52.528	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.179	98	371183	51.607	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.477	95	114013	49.176	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.107	85	21	Below Cal	#	1
3) Chloromethane	2.113	50	5234	Below Cal		97
16) Acetone	3.954	43	4699	12.414	ug/l #	89
17) Carbon Disulfide	4.198	76	391	Below Cal	#	75
18) Methyl Acetate	4.418	43	74	Below Cal	#	56
20) Methylene Chloride	4.710	84	12404	2.715	ug/l #	71
29) Tetrahydrofuran	7.344	42	485	1.116	ug/l #	38
31) Cyclohexane	7.783	56	4598	Below Cal	#	46
36) 1,1-Dichloropropene	7.789	75	14652	4.767	ug/l #	45
38) Carbon Tetrachloride	7.789	117	17962	5.478	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	66810	48.147	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66810	98.430	ug/l #	7
95) Naphthalene	15.239	128	5554	1.095	ug/l #	91

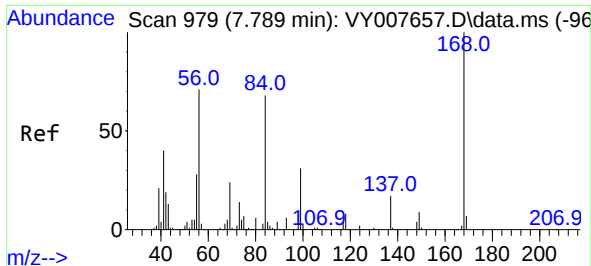
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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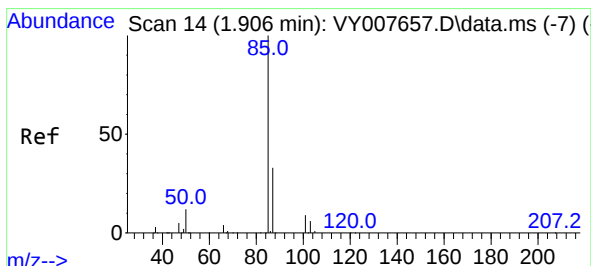
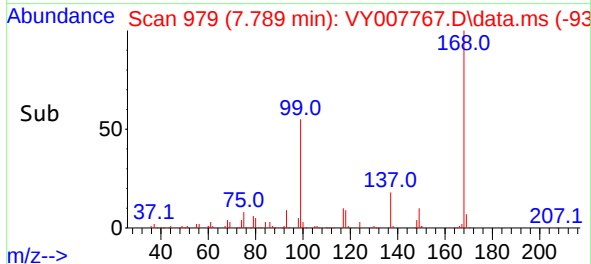
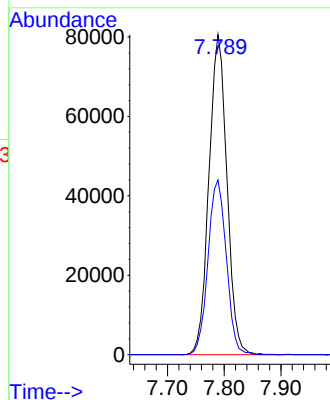
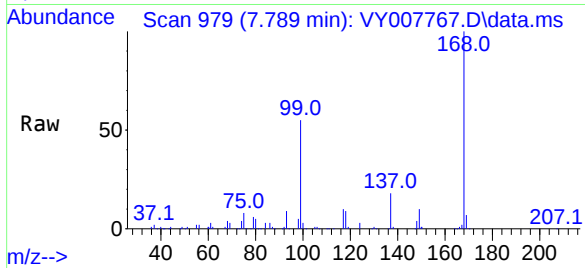




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

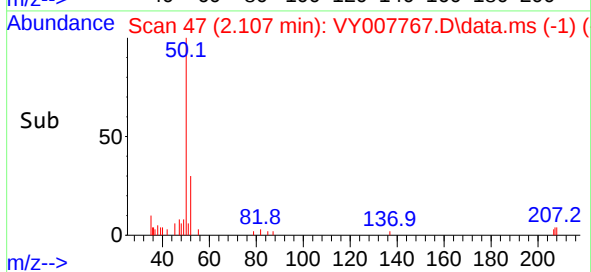
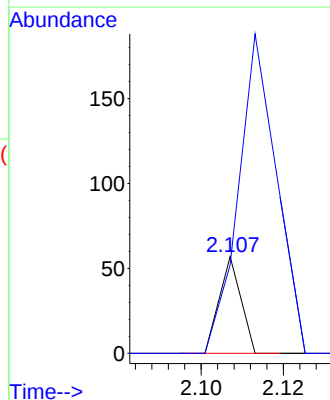
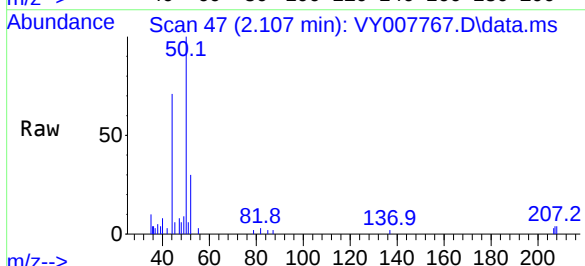
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 177741
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3

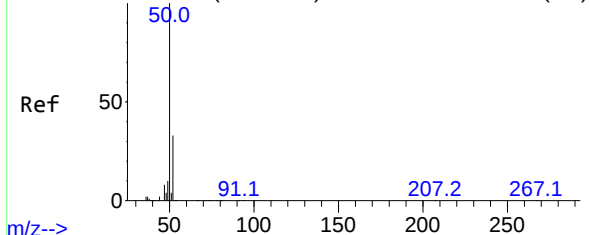


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. 0.201 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 91.2 16.1 48.2#



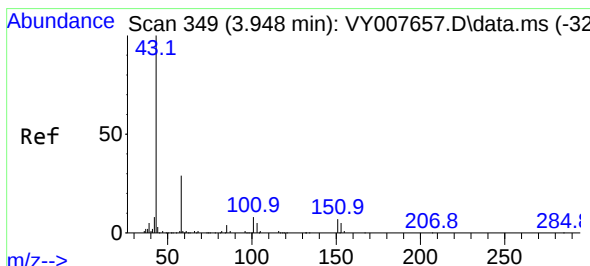
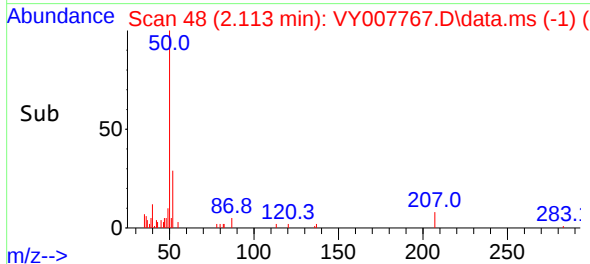
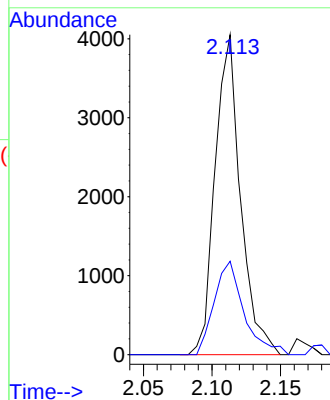
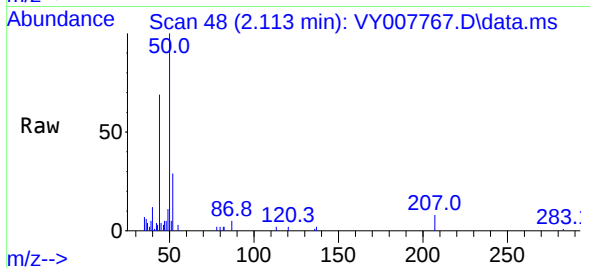
Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

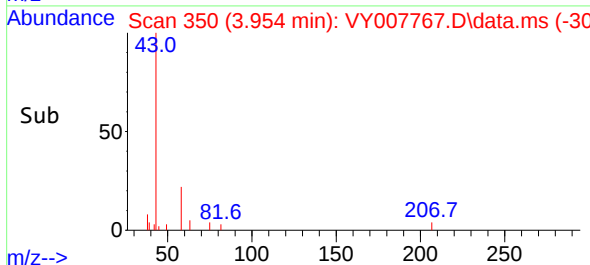
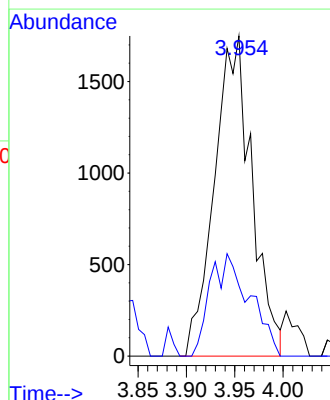
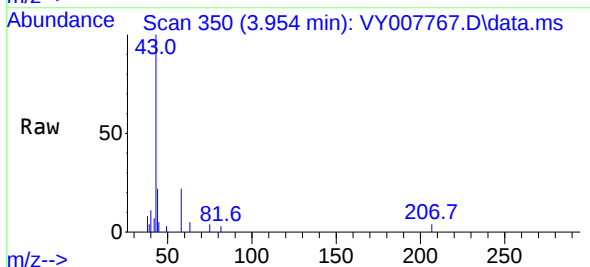
Instrument :
MSVOA_Y
ClientSampleId :

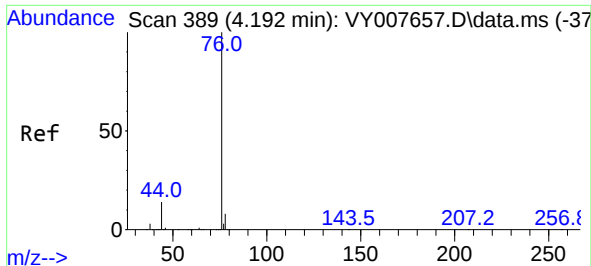
Tgt Ion: 50 Resp: 5234
Ion Ratio Lower Upper
50 100
52 29.2 24.6 37.0



#16
Acetone
Concen: 12.414 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

Tgt Ion: 43 Resp: 4699
Ion Ratio Lower Upper
43 100
58 22.0 22.0 33.0#

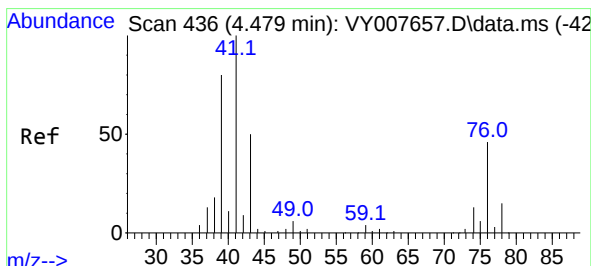
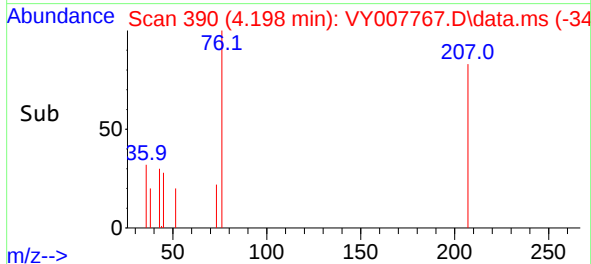
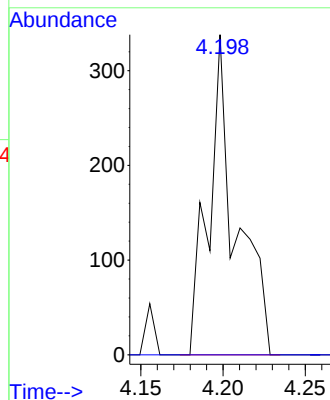
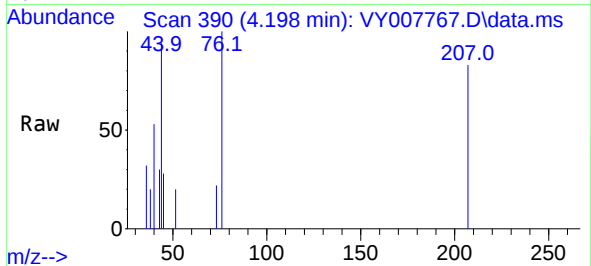




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

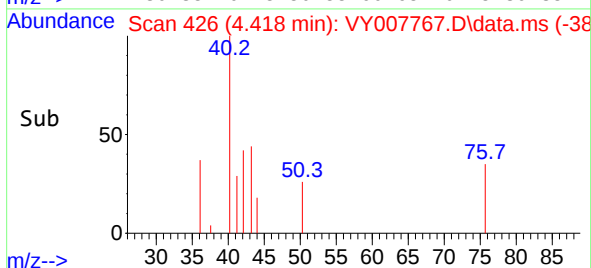
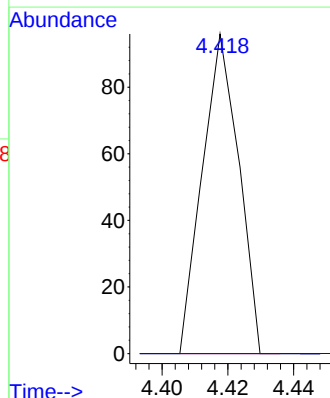
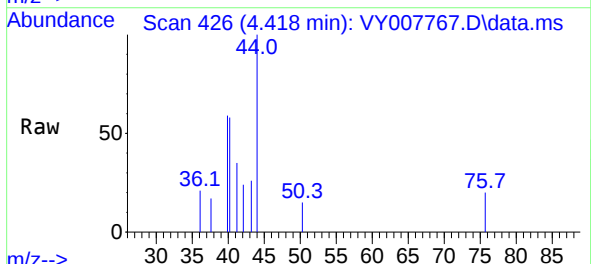
Instrument :
MSVOA_Y
ClientSampleId :

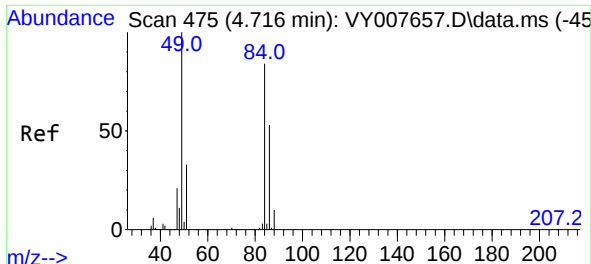
Tgt Ion: 76 Resp: 391
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.418 min Scan# 426
Delta R.T. -0.061 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

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





#20

Methylene Chloride

Concen: 2.715 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

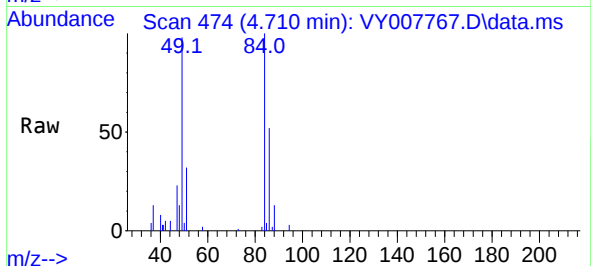
Lab File: VY007767.D

Acq: 07 Mar 2022 19:28

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 12404

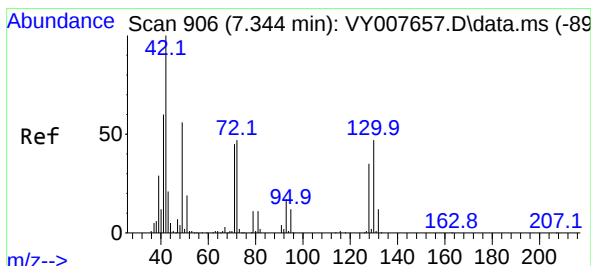
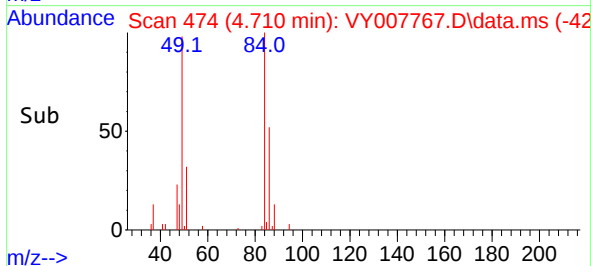
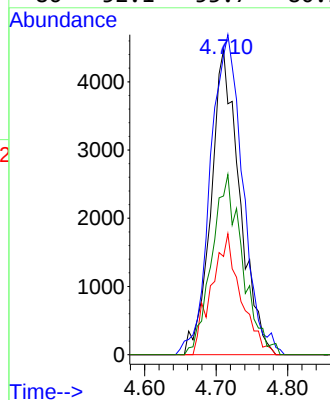
Ion Ratio Lower Upper

84 100

49 96.4 114.4 171.6#

51 32.3 35.3 52.9#

86 52.1 53.7 80.5#



#29

Tetrahydrofuran

Concen: 1.116 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY007767.D

Acq: 07 Mar 2022 19:28

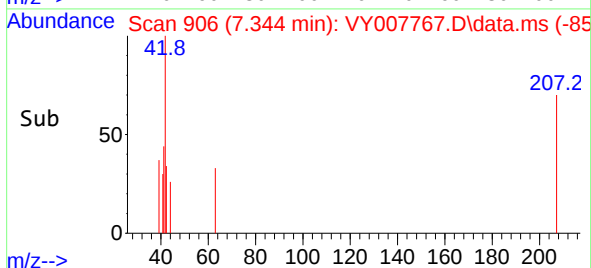
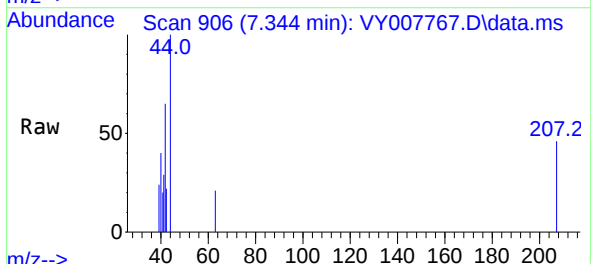
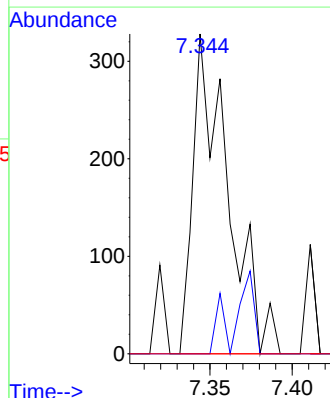
Tgt Ion: 42 Resp: 485

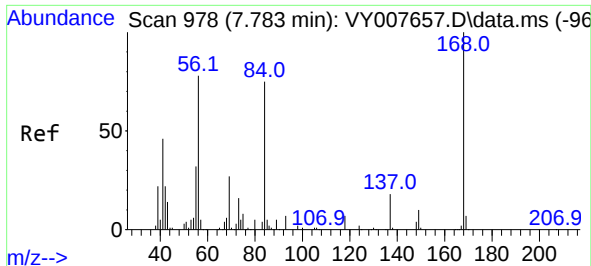
Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

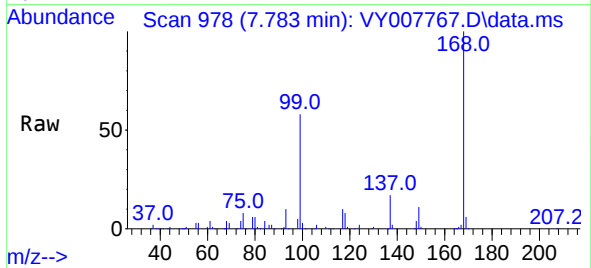
71 0.0 29.0 43.4#



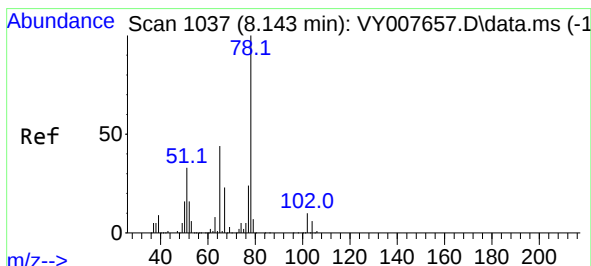
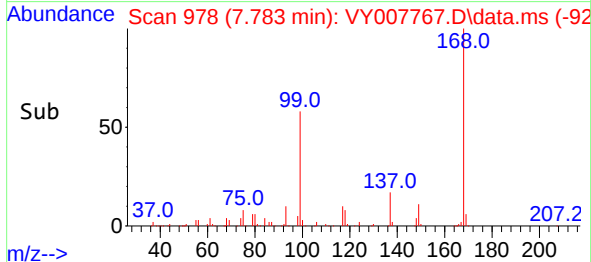
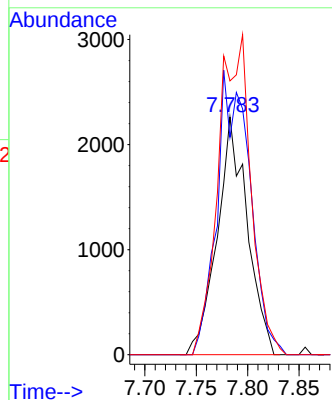


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :

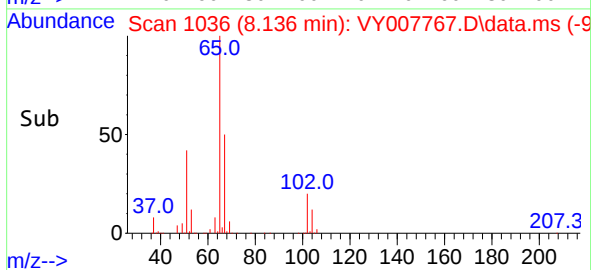
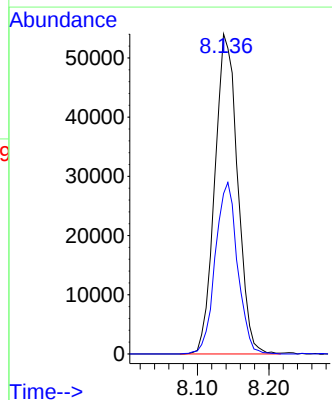
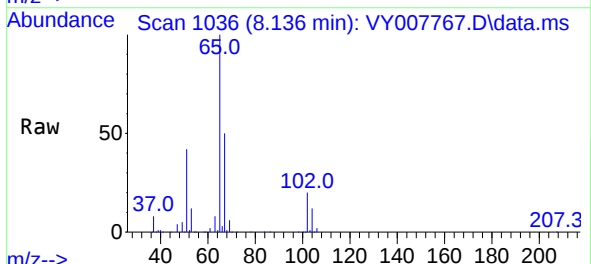


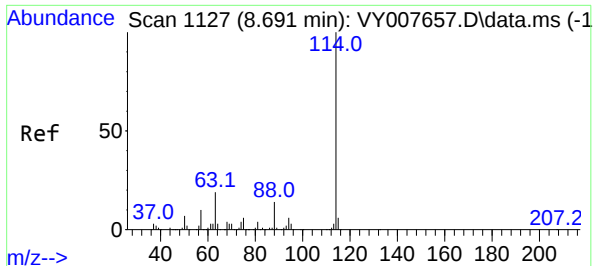
Tgt Ion: 56 Resp: 4598
Ion Ratio Lower Upper
56 100
69 91.4 26.7 40.1#
84 115.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.360 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

Tgt Ion: 65 Resp: 119761
Ion Ratio Lower Upper
65 100
67 52.3 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: VY007767.D

Acq: 07 Mar 2022 19:28

Instrument :

MSVOA_Y

ClientSampleId :

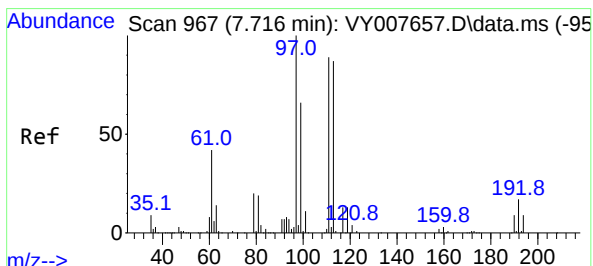
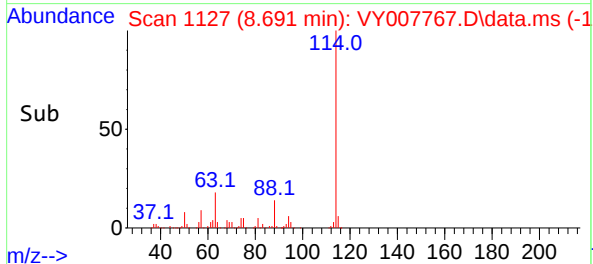
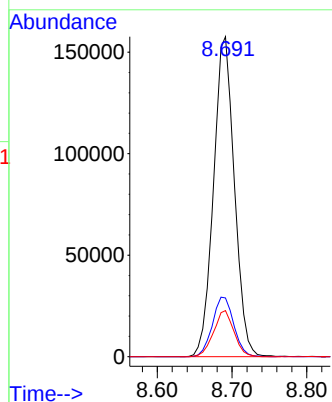
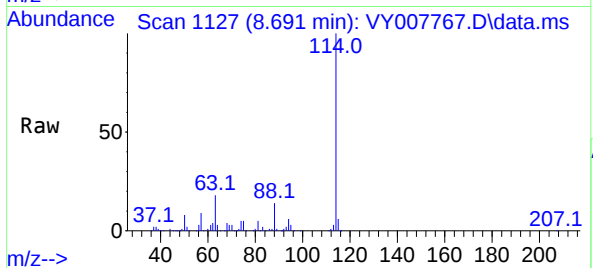
Tgt Ion:114 Resp: 305620

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.528 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007767.D

Acq: 07 Mar 2022 19:28

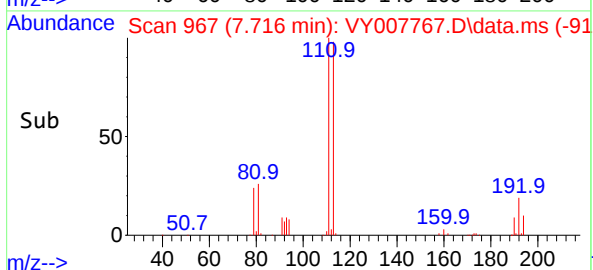
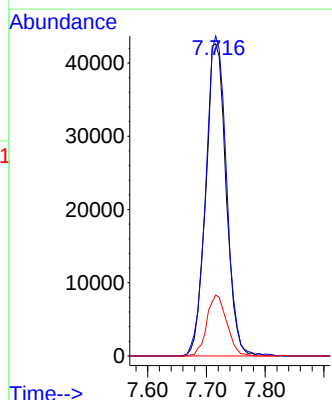
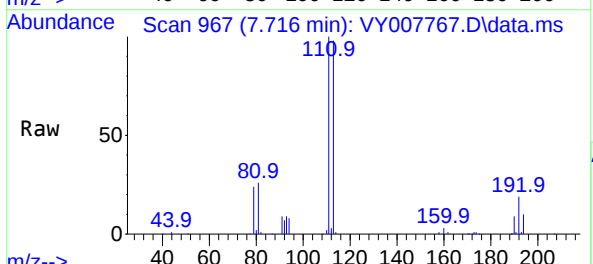
Tgt Ion:113 Resp: 102635

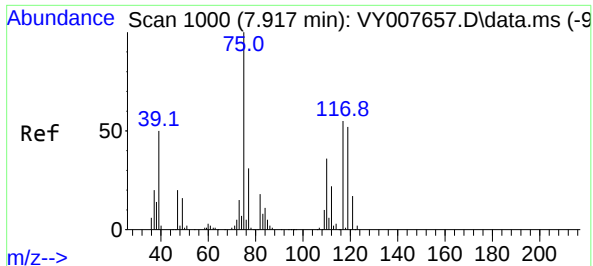
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 19.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.767 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

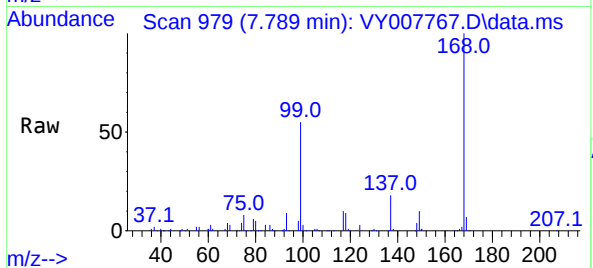
Lab File: VY007767.D

Acq: 07 Mar 2022 19:28

Instrument :

MSVOA_Y

ClientSampleId :



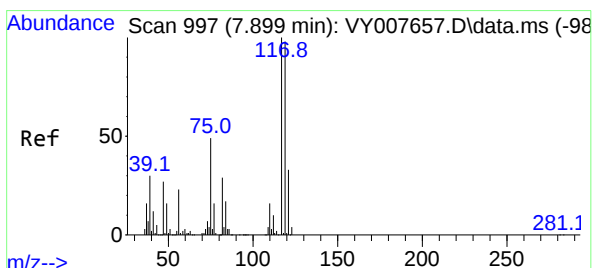
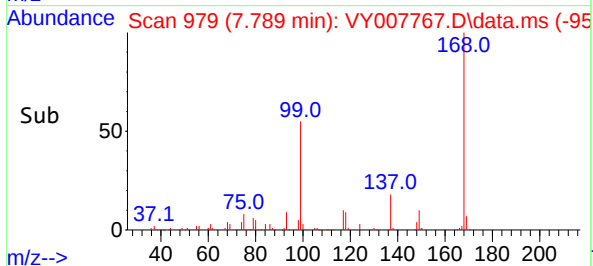
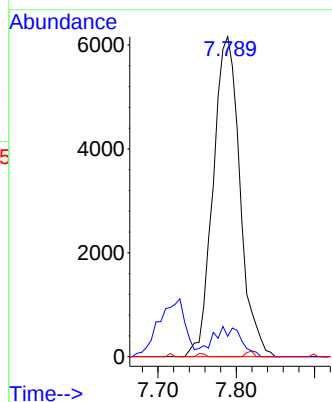
Tgt Ion: 75 Resp: 14652

Ion Ratio Lower Upper

75 100

110 3.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.478 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007767.D

Acq: 07 Mar 2022 19:28

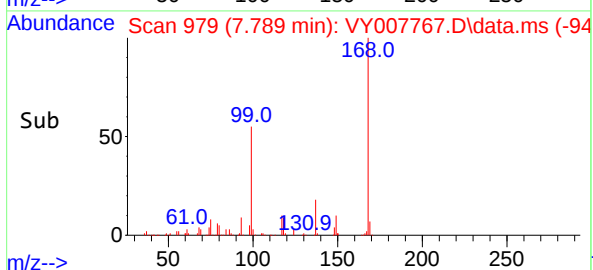
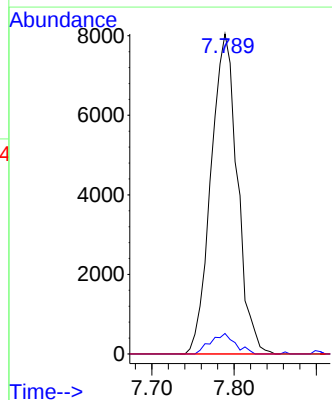
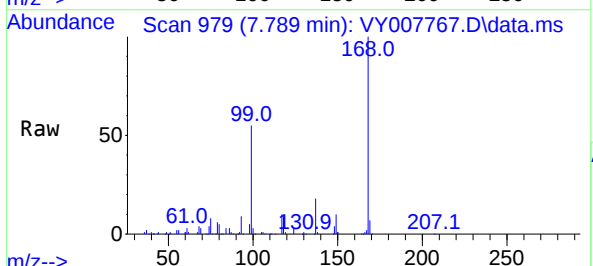
Tgt Ion: 117 Resp: 17962

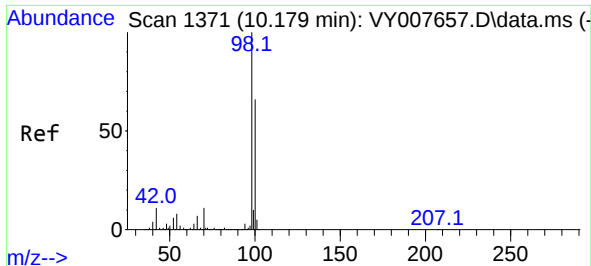
Ion Ratio Lower Upper

117 100

119 6.4 77.9 116.9#

121 0.0 24.8 37.2#

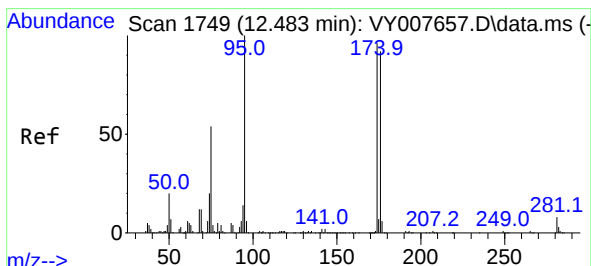
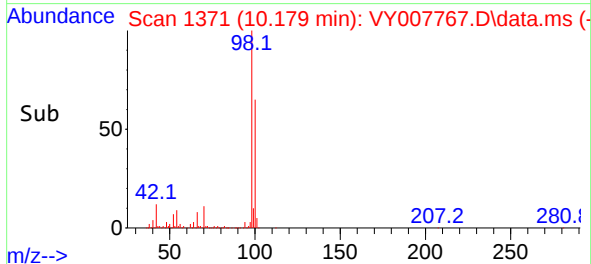
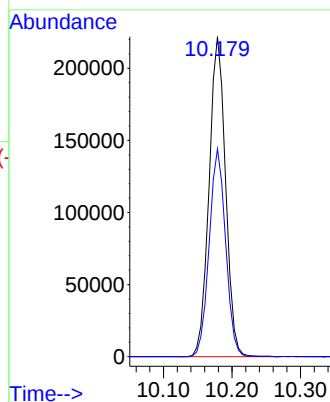
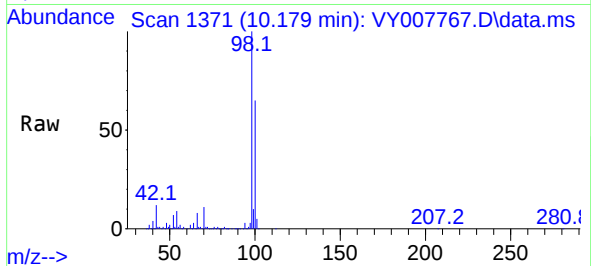




#50
Toluene-d8
Concen: 51.607 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

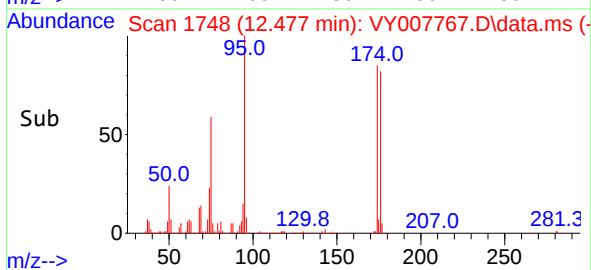
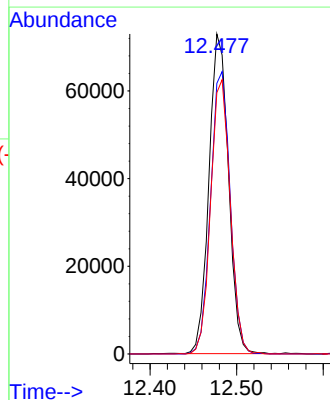
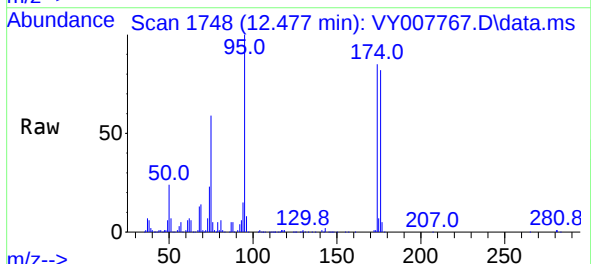
Instrument :
MSVOA_Y
ClientSampleId :

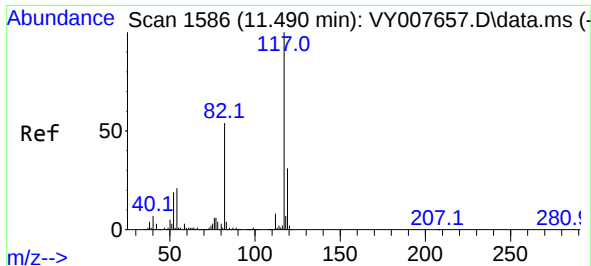
Tgt Ion: 98 Resp: 371183
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.176 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

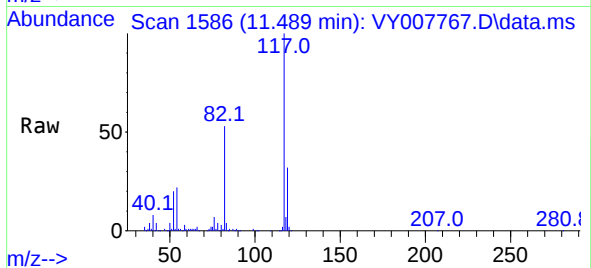
Tgt Ion: 95 Resp: 114013
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 86.1 0.0 175.8



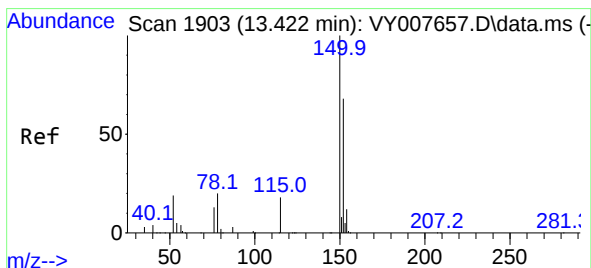
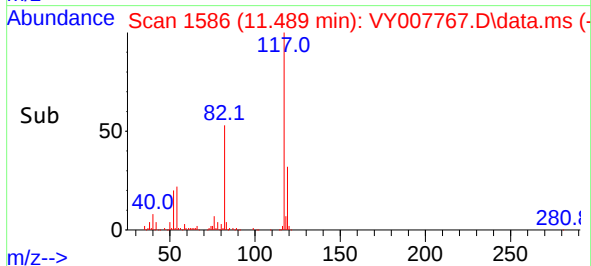
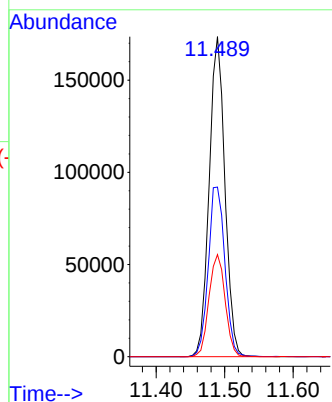


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :

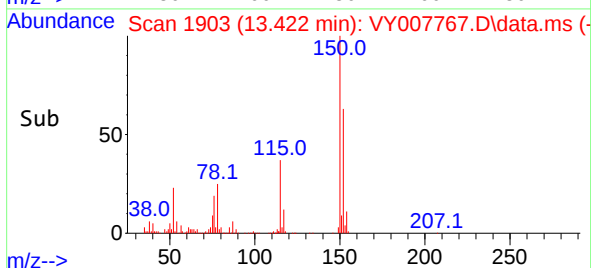
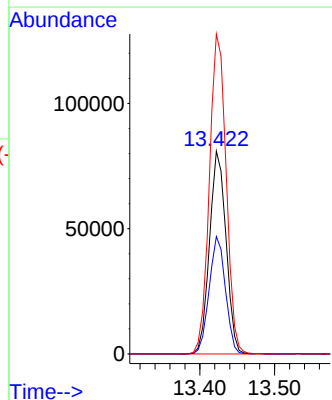
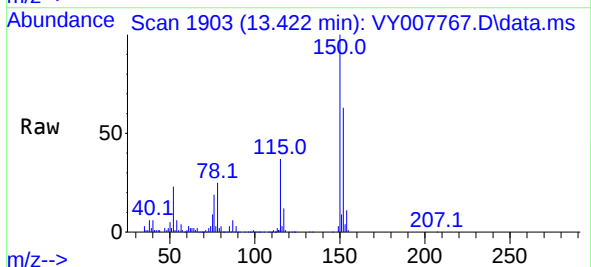


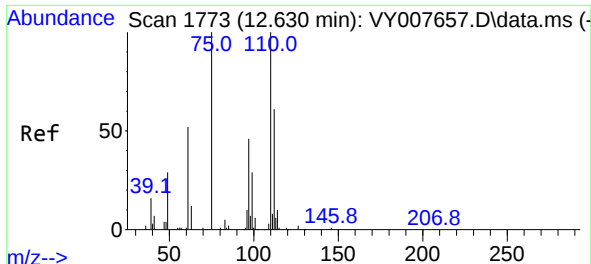
Tgt Ion:117 Resp: 276734
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

Tgt Ion:152 Resp: 124254
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 160.0 0.0 347.6

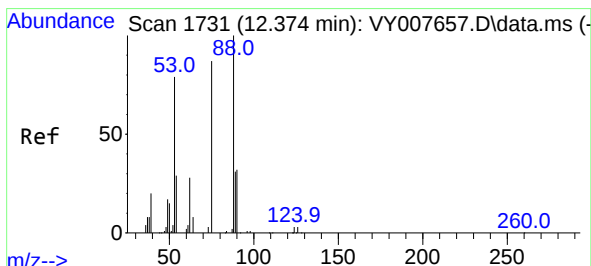
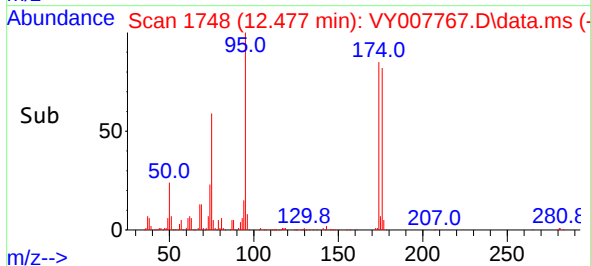
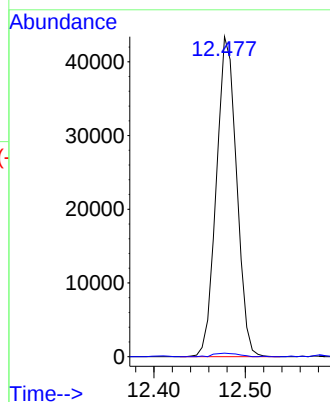
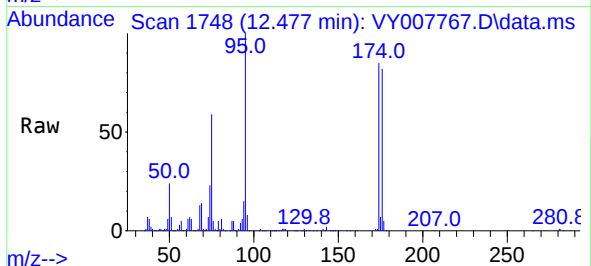




#76
1,2,3-Trichloropropane
Concen: 48.147 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

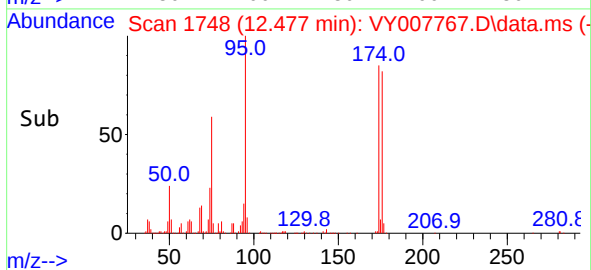
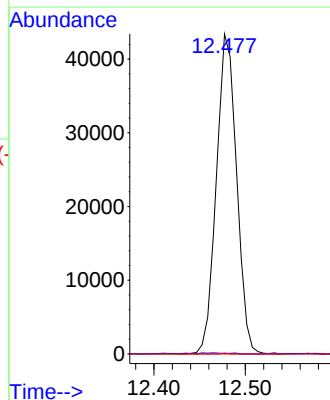
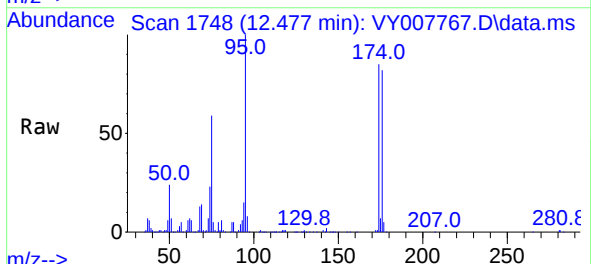
Instrument :
MSVOA_Y
ClientSampleId :

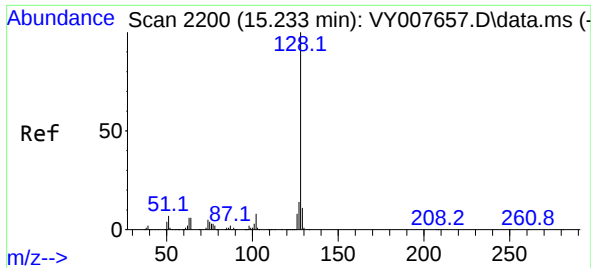
Tgt Ion: 75 Resp: 66810
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.430 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

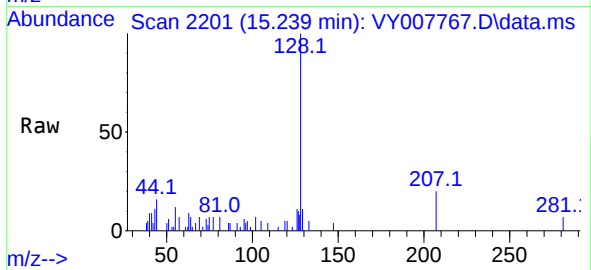
Tgt Ion: 75 Resp: 66810
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 1.095 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY007767.D
Acq: 07 Mar 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 5554
Ion Ratio Lower Upper
128 100
127 18.3 11.0 16.4#
129 12.6 8.4 12.6

