

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009325.D
 Acq On : 25 Jun 2022 15:45
 Operator : KP/MD
 Sample : N3488-05
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:29:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

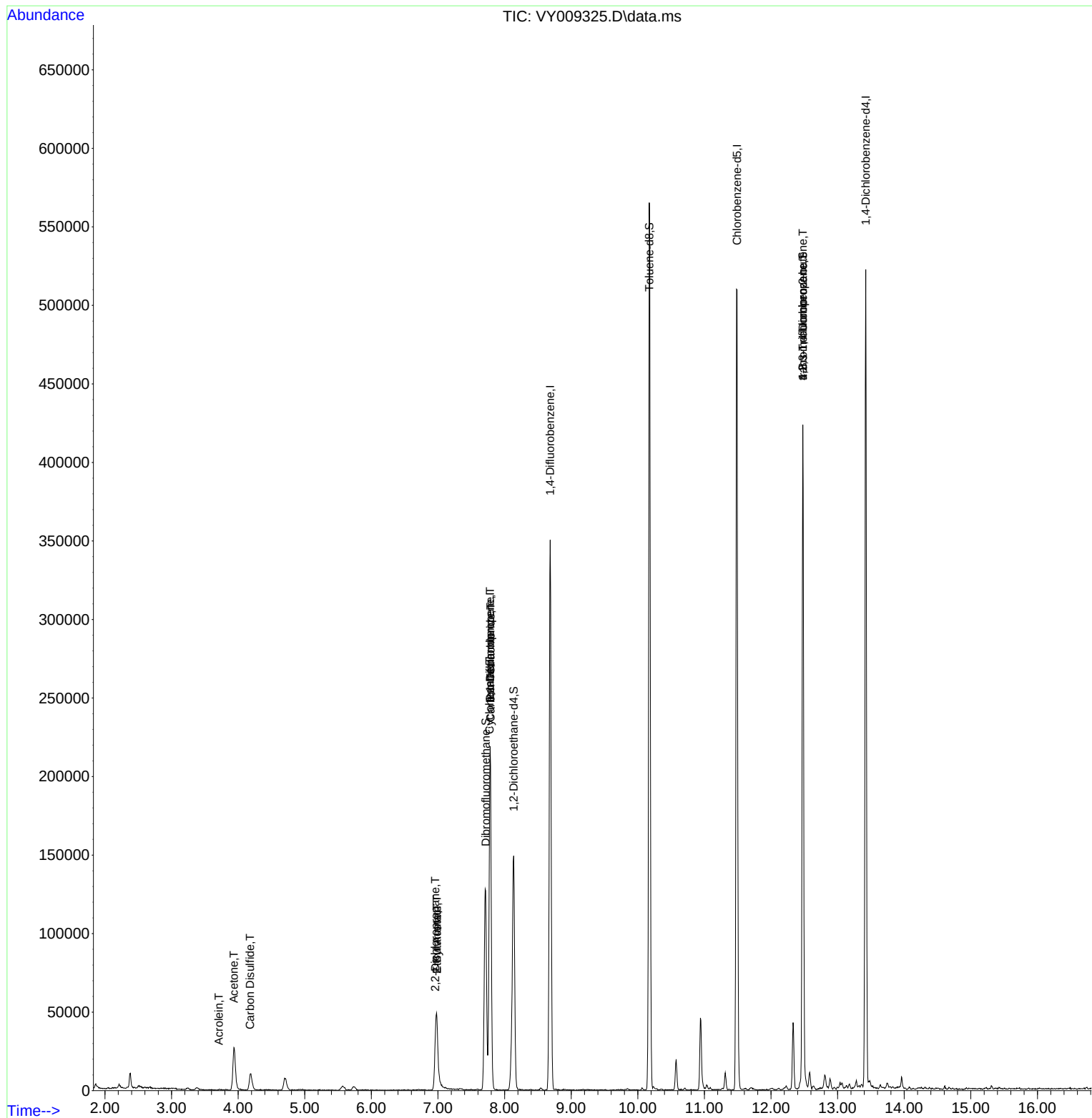
Internal Standards						
1) Pentafluorobenzene	7.783	168	169572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103019	83.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.540%#	
35) Dibromofluoromethane	7.716	113	92160	57.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.180%	
50) Toluene-d8	10.173	98	354295	79.823	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 159.640%#	
62) 4-Bromofluorobenzene	12.477	95	120598	52.912	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	928	Below Cal	#	85
13) Acrolein	3.710	56	270	1.720	ug/l #	78
16) Acetone	3.936	43	46848	108.064	ug/l	98
17) Carbon Disulfide	4.180	76	15356	2.982	ug/l	96
20) Methylene Chloride	4.716	84	5490	Below Cal		91
25) 2-Butanone	6.984	43	17209	26.397	ug/l #	84
26) 2,2-Dichloropropane	6.960	77	3431	1.166	ug/l #	52
31) Cyclohexane	7.777	56	3548	1.157	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	13159	4.900	ug/l #	48
37) Ethyl Acetate	6.984	43	17209	11.282	ug/l #	87
38) Carbon Tetrachloride	7.789	117	16566	5.998	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	63861	50.562	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63861	100.090	ug/l #	13

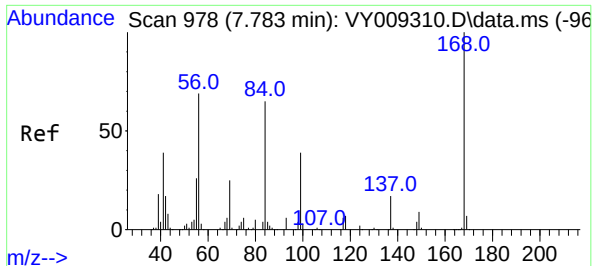
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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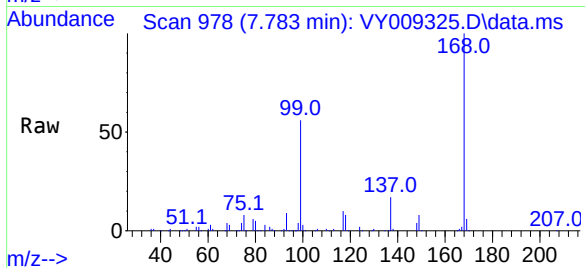
Quant Time: Jun 27 10:29:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 25 07:08:46 2022
Response via : Initial Calibration



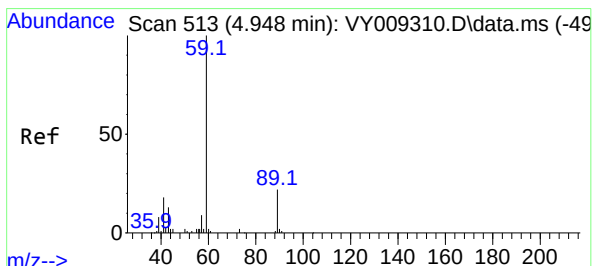
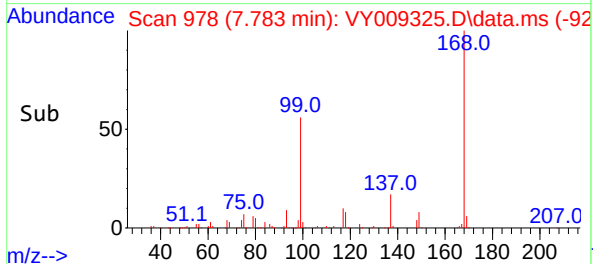
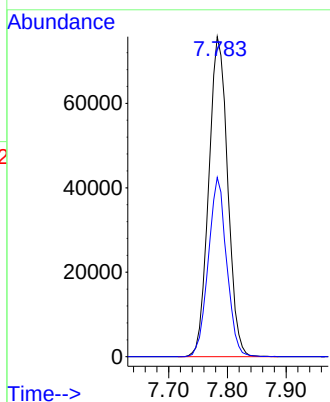


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Instrument :
MSVOA_Y
ClientSampleId :

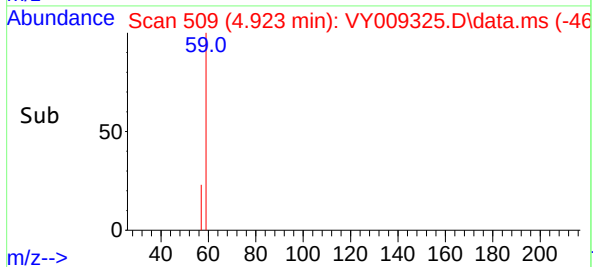
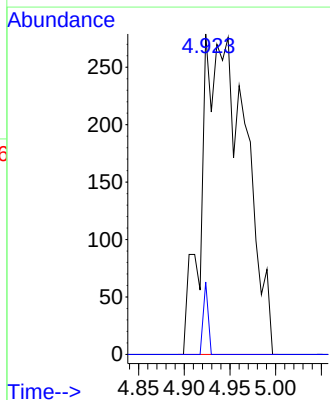
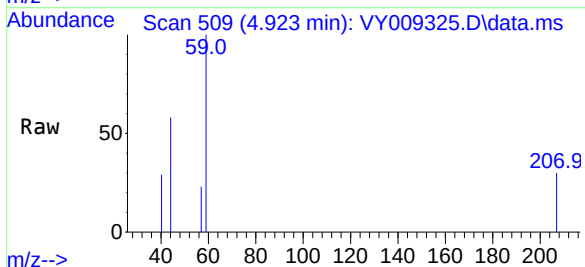


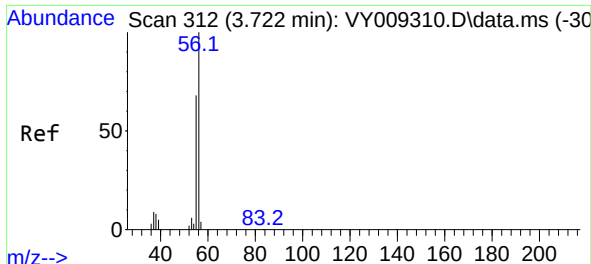
Tgt Ion:168 Resp: 169572
Ion Ratio Lower Upper
168 100
99 56.0 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

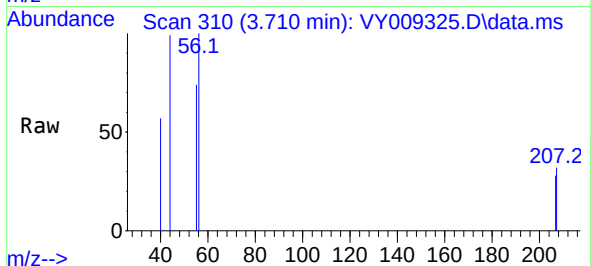
Tgt Ion: 59 Resp: 928
Ion Ratio Lower Upper
59 100
57 2.5 6.3 9.5#



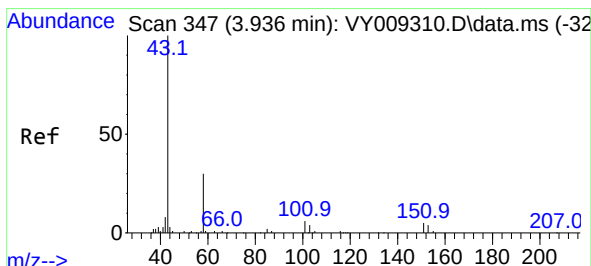
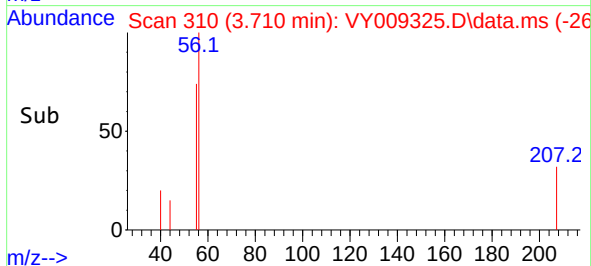
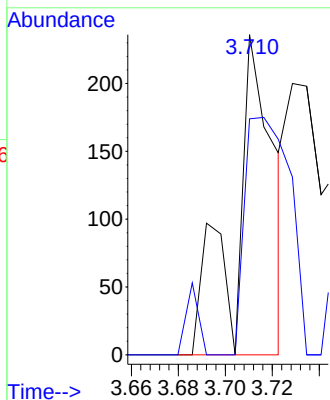


#13
Acrolein
Concen: 1.720 ug/l
RT: 3.710 min Scan# 312
Delta R.T. -0.012 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Instrument :
MSVOA_Y
ClientSampleId :

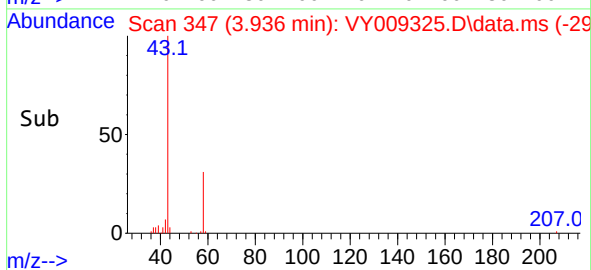
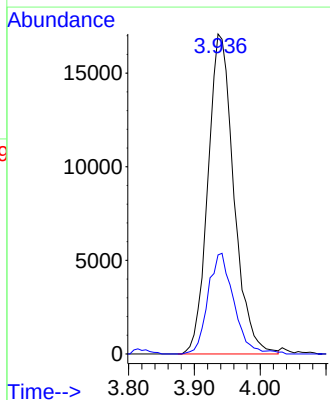
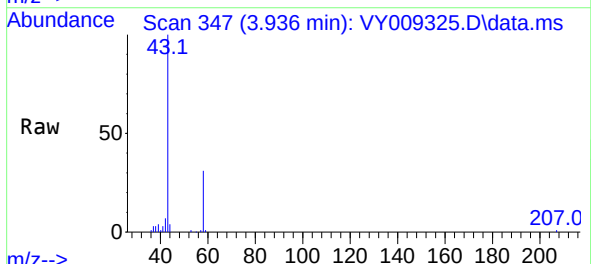


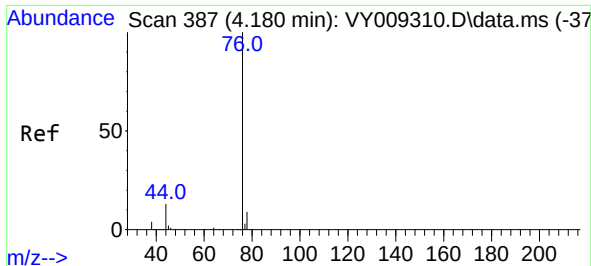
Tgt Ion: 56 Resp: 270
Ion Ratio Lower Upper
56 100
55 86.7 54.8 82.2#



#16
Acetone
Concen: 108.064 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Tgt Ion: 43 Resp: 46848
Ion Ratio Lower Upper
43 100
58 30.9 24.0 36.0

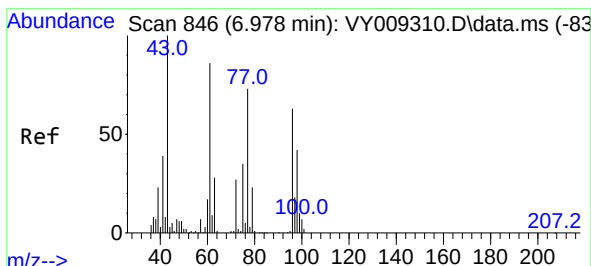
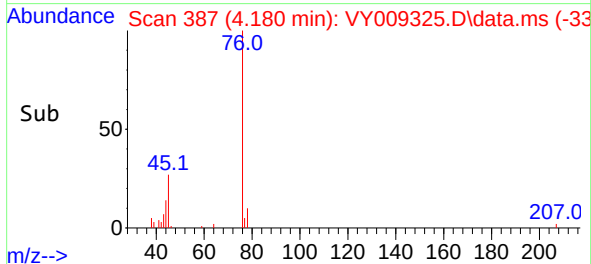
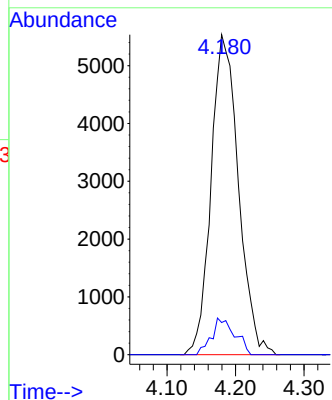
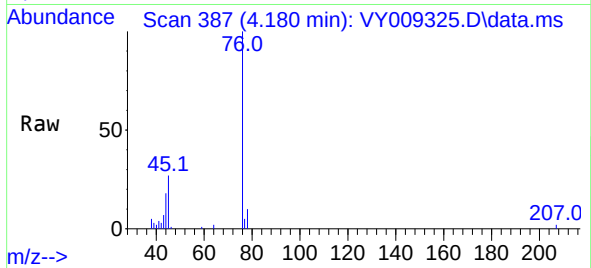




#17
Carbon Disulfide
Concen: 2.982 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

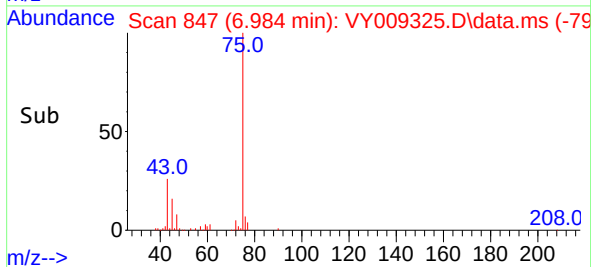
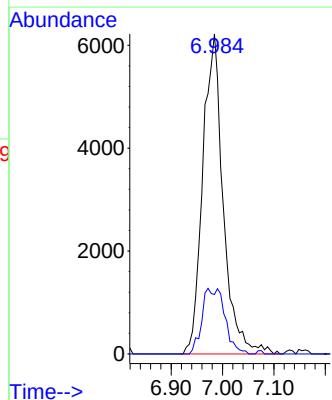
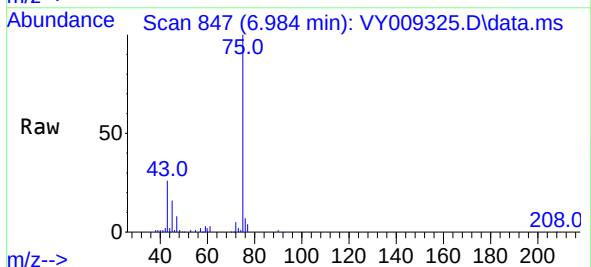
Instrument :
MSVOA_Y
ClientSampleId :

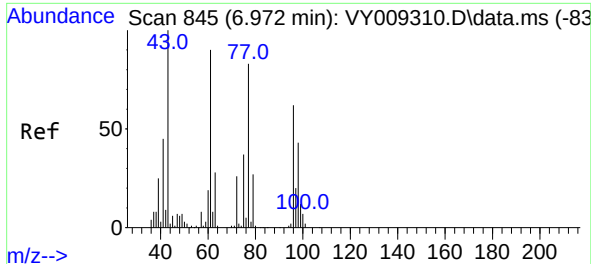
Tgt Ion: 76 Resp: 15356
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#25
2-Butanone
Concen: 26.397 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Tgt Ion: 43 Resp: 17209
Ion Ratio Lower Upper
43 100
72 18.6 21.5 32.3#





#26

2,2-Dichloropropane

Concen: 1.166 ug/l

RT: 6.960 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY009325.D

Acq: 25 Jun 2022 15:45

Instrument :

MSVOA_Y

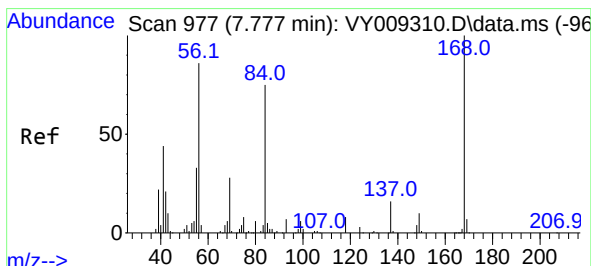
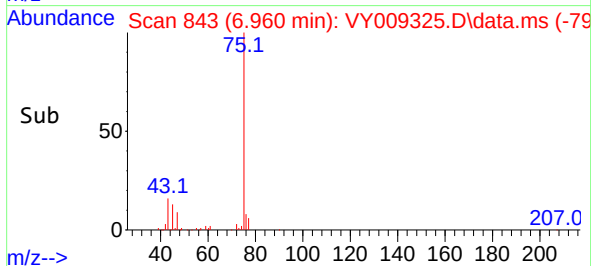
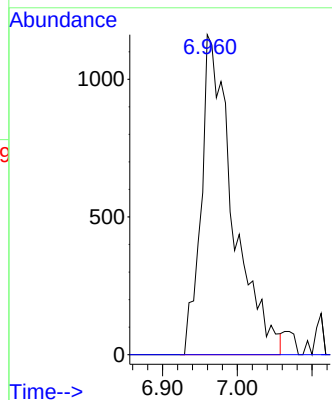
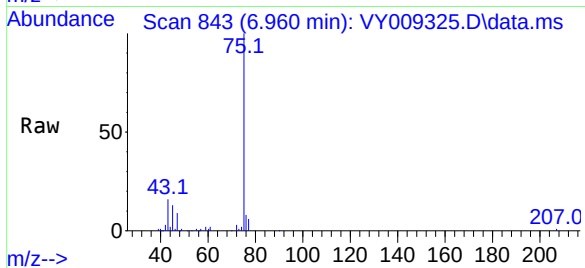
ClientSampleId :

Tgt Ion: 77 Resp: 3431

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.000 min

Lab File: VY009325.D

Acq: 25 Jun 2022 15:45

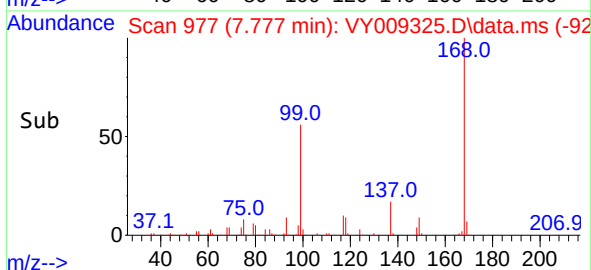
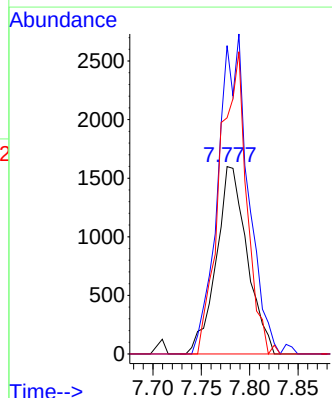
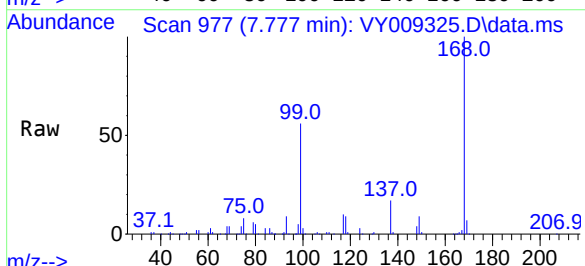
Tgt Ion: 56 Resp: 3548

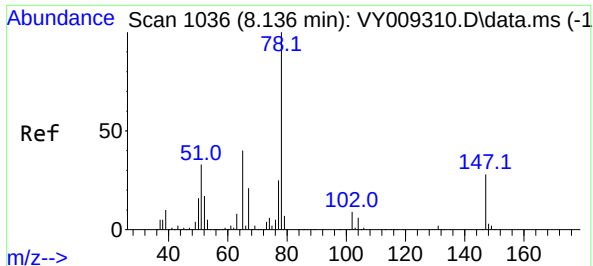
Ion Ratio Lower Upper

56 100

69 164.6 26.0 39.0#

84 126.1 69.5 104.3#

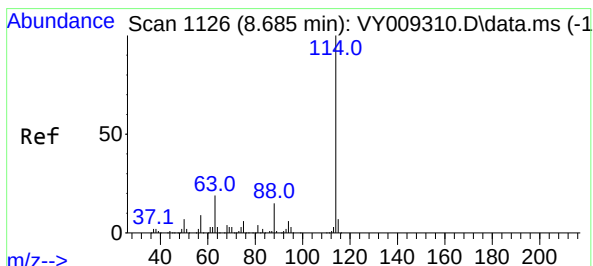
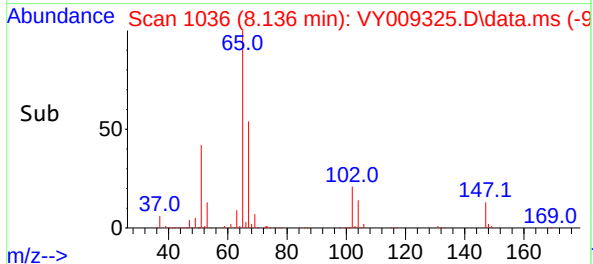
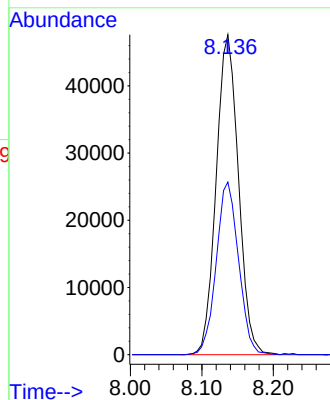
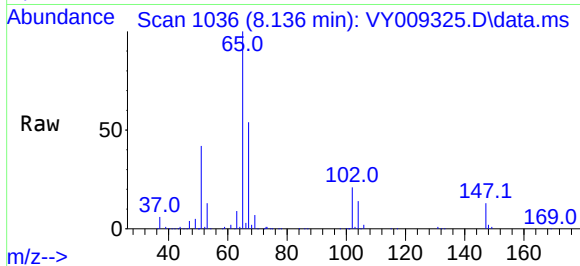




#33
1,2-Dichloroethane-d4
Concen: 83.772 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

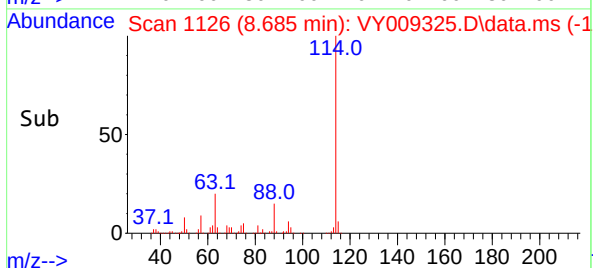
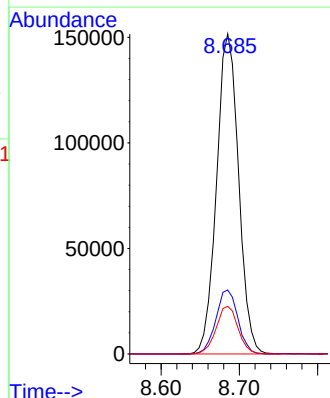
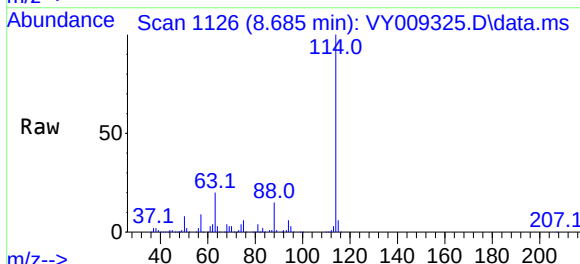
Instrument :
MSVOA_Y
ClientSampleId :

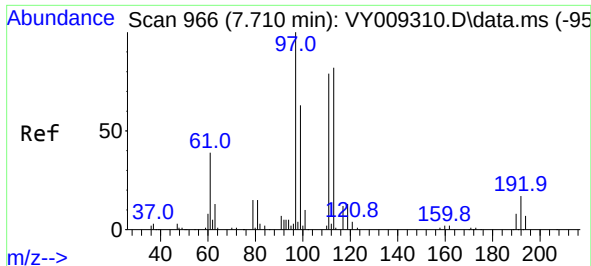
Tgt Ion: 65 Resp: 103019
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

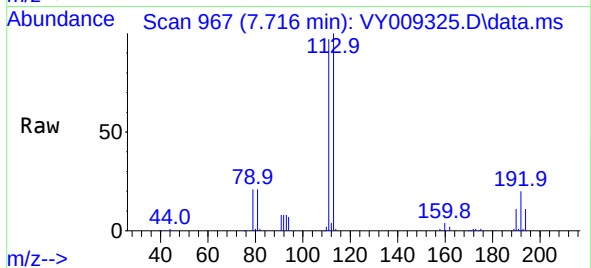
Tgt Ion:114 Resp: 296489
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.0
88 14.9 0.0 30.0



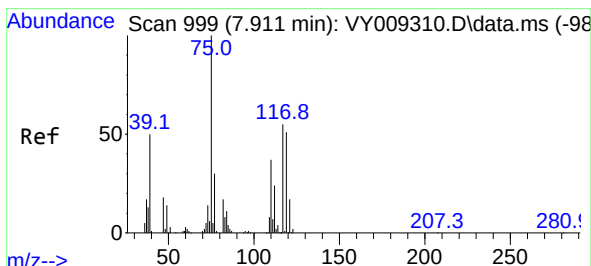
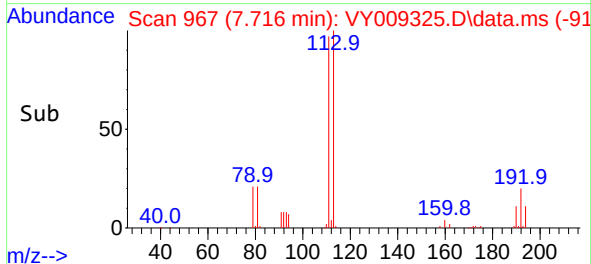
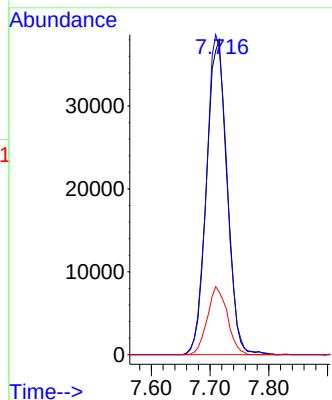


#35
Dibromofluoromethane
Concen: 57.588 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Instrument :
MSVOA_Y
ClientSampleId :

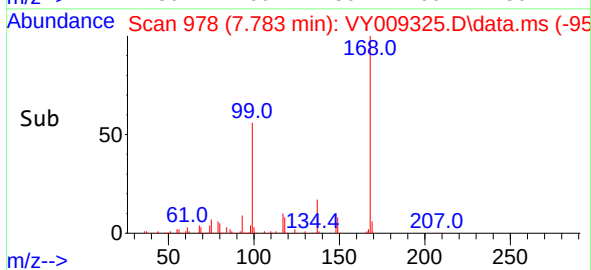
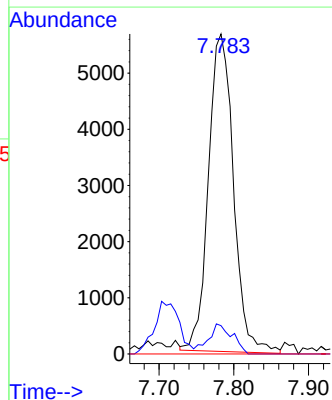
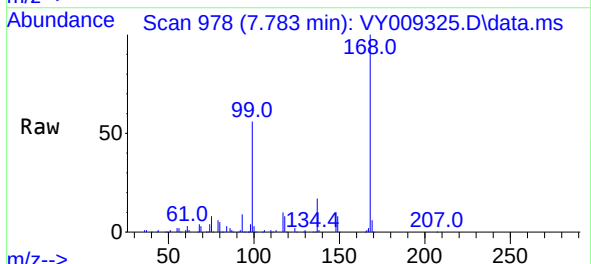


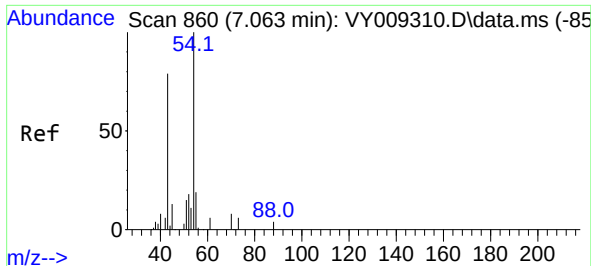
Tgt Ion:113 Resp: 92160
Ion Ratio Lower Upper
113 100
111 102.1 80.6 120.8
192 21.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Tgt Ion: 75 Resp: 13159
Ion Ratio Lower Upper
75 100
110 9.0 18.6 56.0#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 11.282 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.079 min

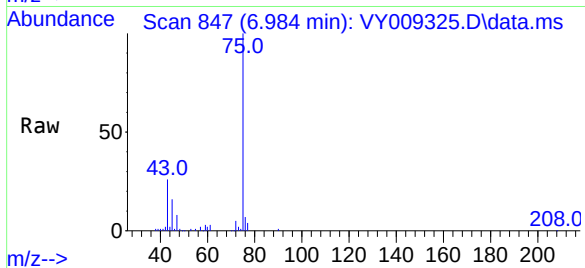
Lab File: VY009325.D

Acq: 25 Jun 2022 15:45

Instrument :

MSVOA_Y

ClientSampleId :



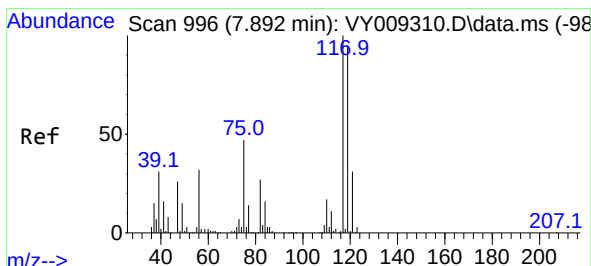
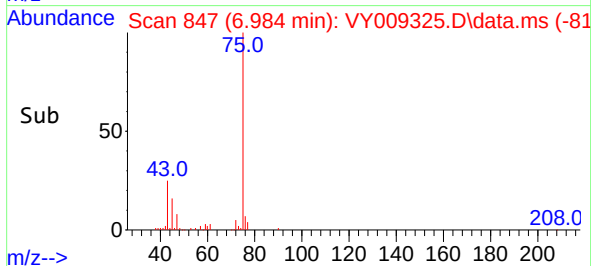
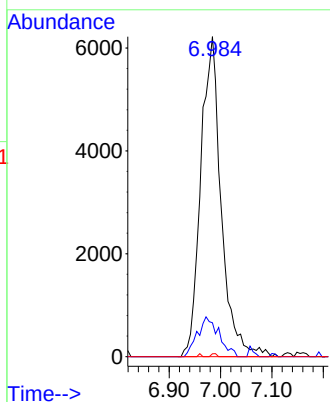
Tgt Ion: 43 Resp: 17209

Ion Ratio Lower Upper

43 100

61 13.1 11.2 16.8

70 0.2 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.998 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY009325.D

Acq: 25 Jun 2022 15:45

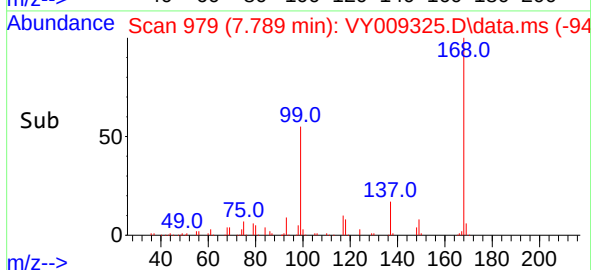
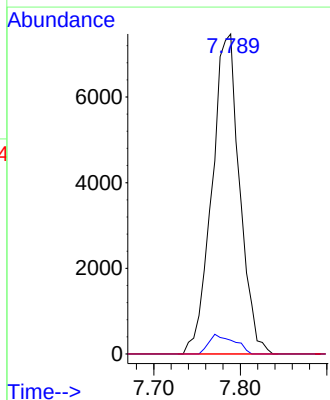
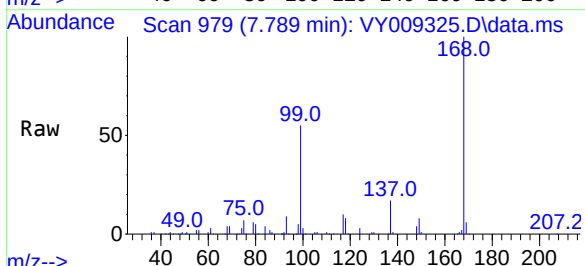
Tgt Ion: 117 Resp: 16566

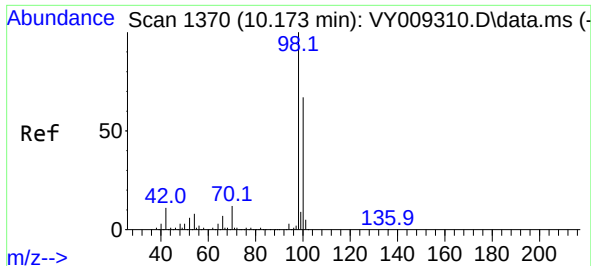
Ion Ratio Lower Upper

117 100

119 4.3 75.9 113.9#

121 0.0 24.9 37.3#

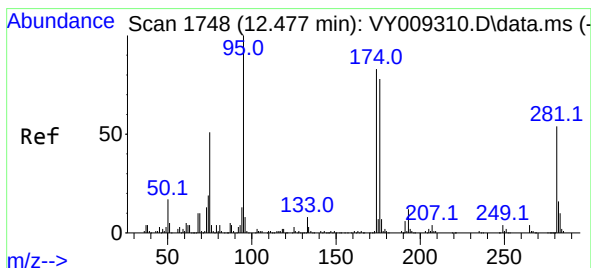
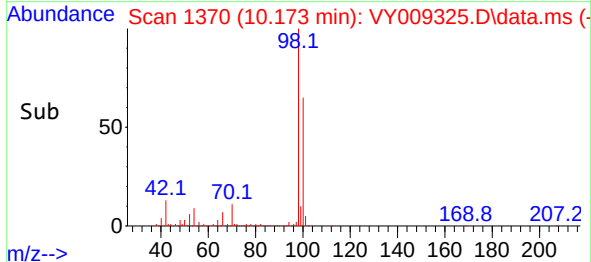
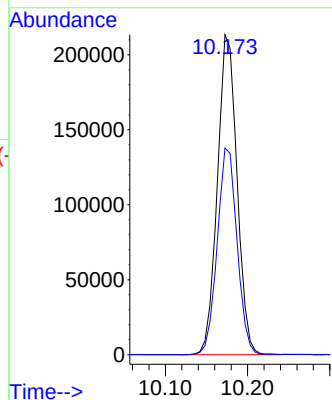
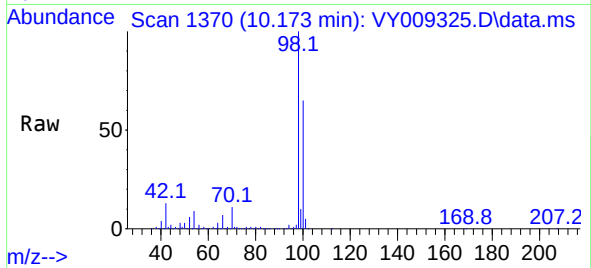




#50
Toluene-d8
Concen: 79.823 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

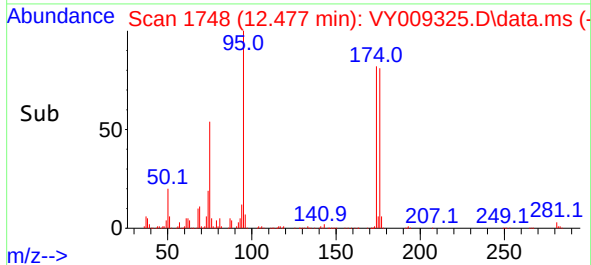
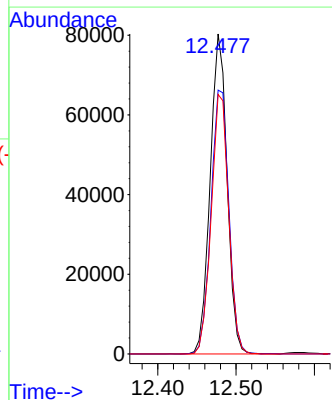
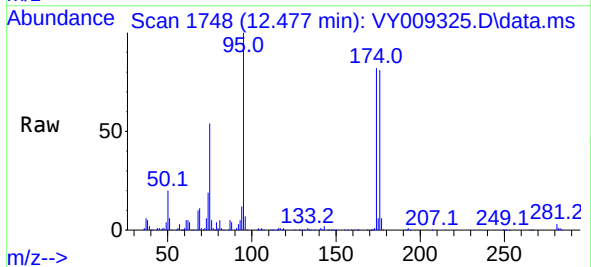
Instrument :
MSVOA_Y
ClientSampleId :

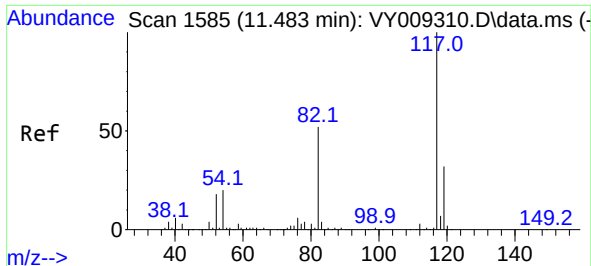
Tgt Ion: 98 Resp: 354295
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.912 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

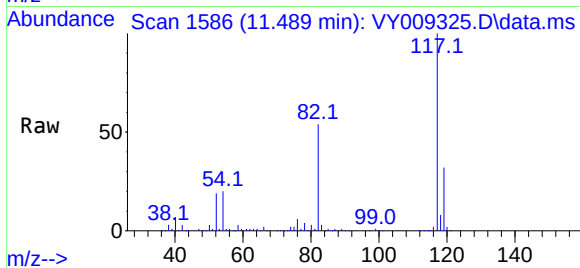
Tgt Ion: 95 Resp: 120598
Ion Ratio Lower Upper
95 100
174 87.0 0.0 173.8
176 83.4 0.0 167.0



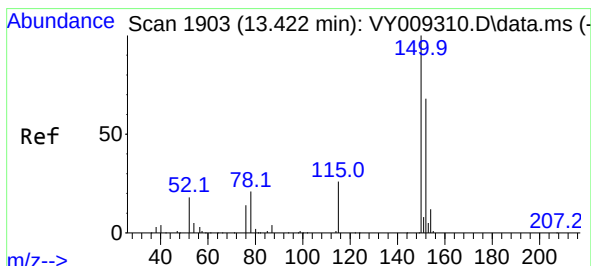
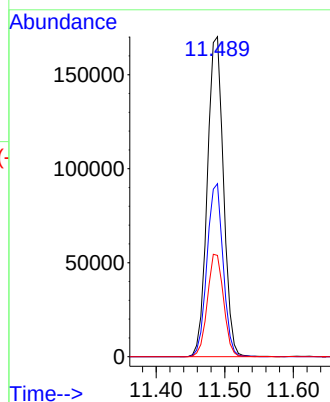
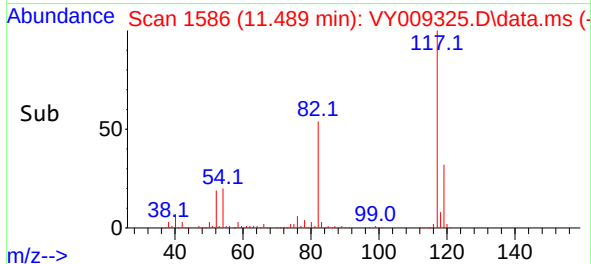


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

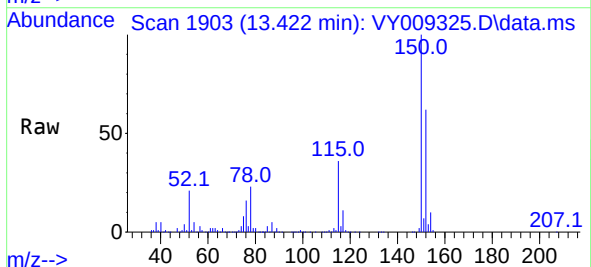
Instrument :
MSVOA_Y
ClientSampleId :



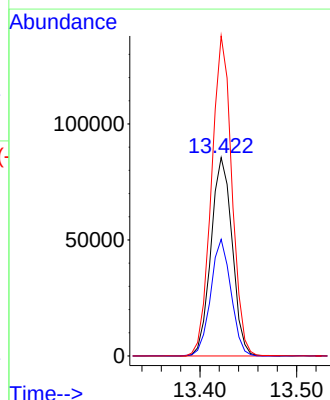
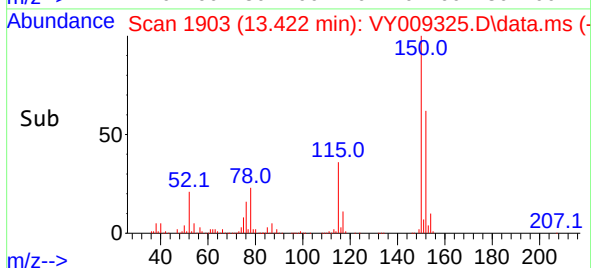
Tgt Ion:117 Resp: 279024
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 31.7 25.6 38.4

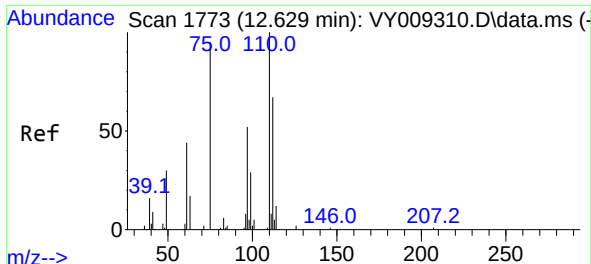


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45



Tgt Ion:152 Resp: 130153
Ion Ratio Lower Upper
152 100
115 56.3 28.6 85.9
150 155.7 0.0 349.8

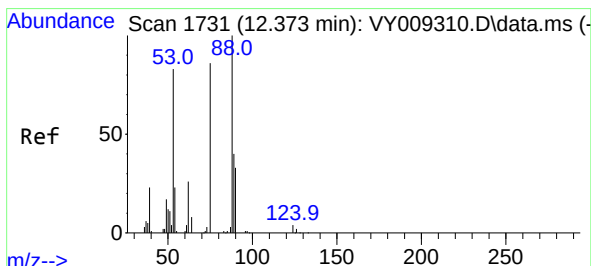
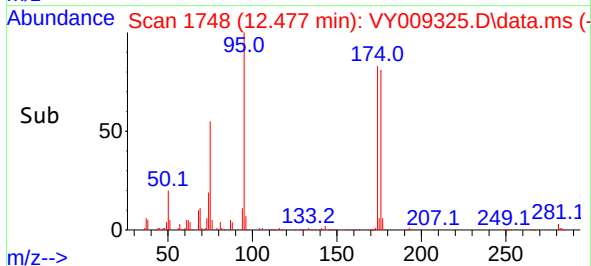
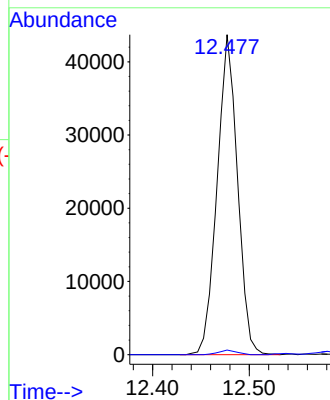
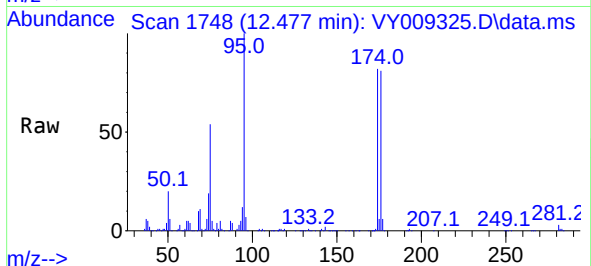




#76
1,2,3-Trichloropropane
Concen: 50.562 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63861
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.090 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009325.D
Acq: 25 Jun 2022 15:45

Tgt Ion: 75 Resp: 63861
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 38.1 57.1#

