

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009154.D
 Acq On : 06 Jun 2022 17:48
 Operator : KP/MD
 Sample : N3189-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:33:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

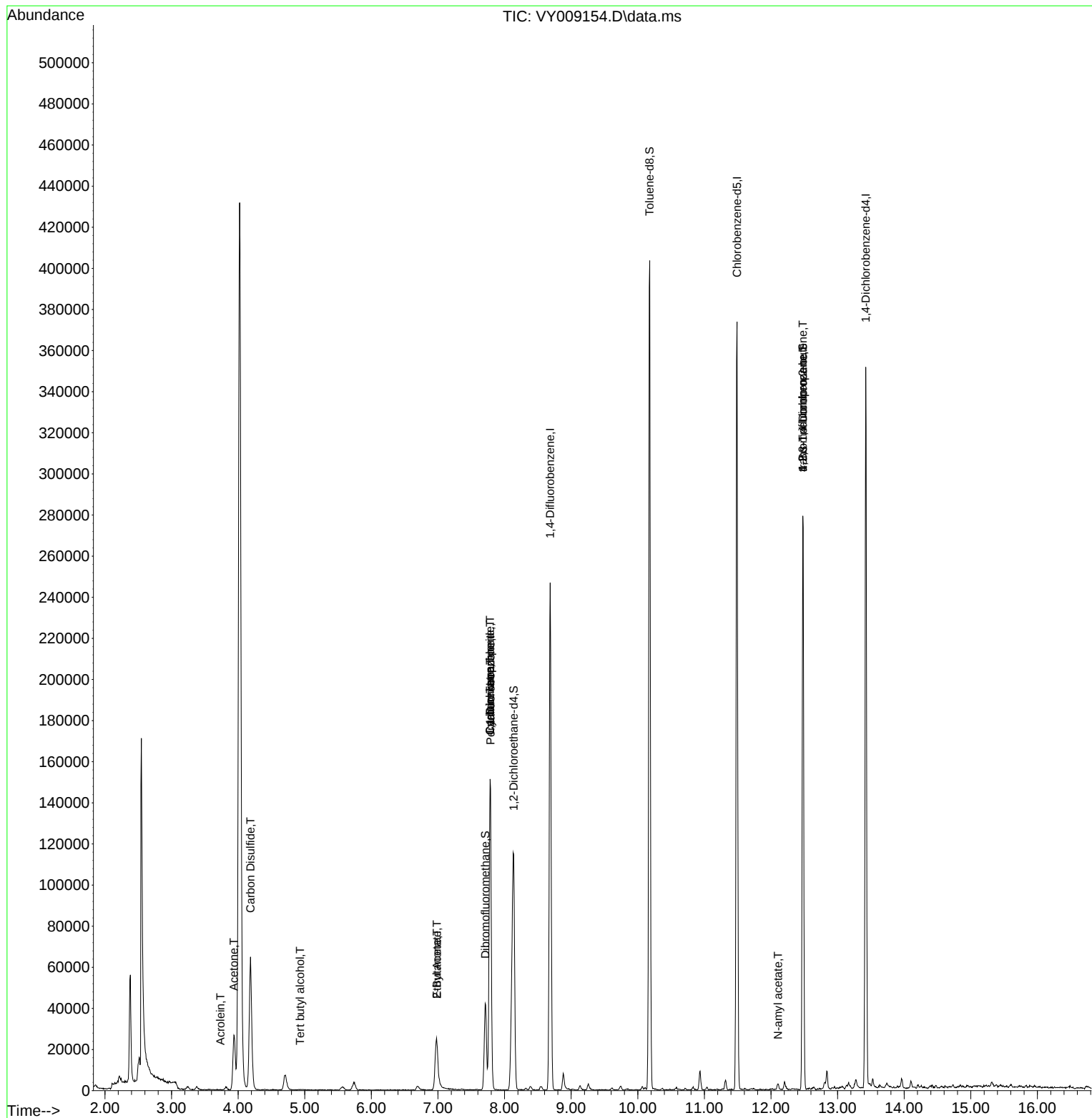
Internal Standards						
1) Pentafluorobenzene	7.789	168	115651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	71772	60.299	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.600%			
35) Dibromofluoromethane	7.710	113	28971	22.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 45.040%#			
50) Toluene-d8	10.179	98	254244	53.575	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.477	95	75136	39.249	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.500%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	267	2.212	ug/l #	77
13) Acrolein	3.735	56	98	2.466	ug/l #	48
16) Acetone	3.936	43	44872	181.110	ug/l	96
17) Carbon Disulfide	4.186	76	120421	33.885	ug/l	98
20) Methylene Chloride	4.698	84	5266	Below Cal	#	67
25) 2-Butanone	6.984	43	11433	25.836	ug/l #	84
31) Cyclohexane	7.783	56	2842	1.221	ug/l #	22
36) 1,1-Dichloropropene	7.783	75	9383	4.286	ug/l #	51
37) Ethyl Acetate	6.984	43	11433	10.068	ug/l #	72
38) Carbon Tetrachloride	7.783	117	11222	4.900	ug/l #	15
74) N-amyl acetate	12.105	43	1833	1.269	ug/l #	57
76) 1,2,3-Trichloropropane	12.477	75	43185	48.013	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43185	98.547	ug/l #	7

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

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Jun 07 02:33:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

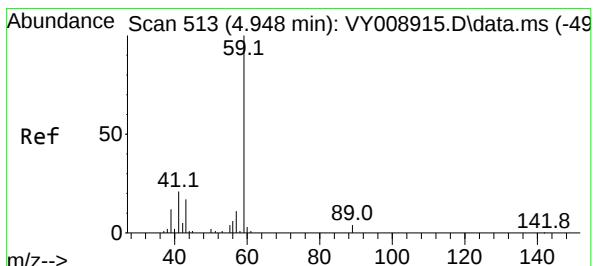
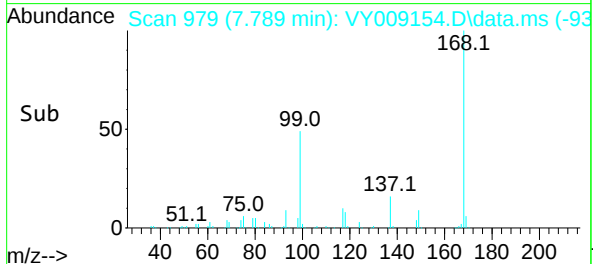
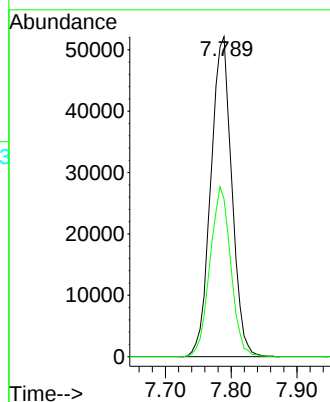
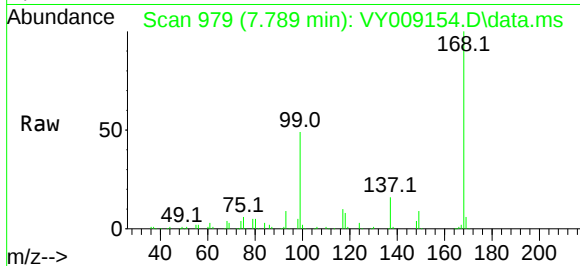




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

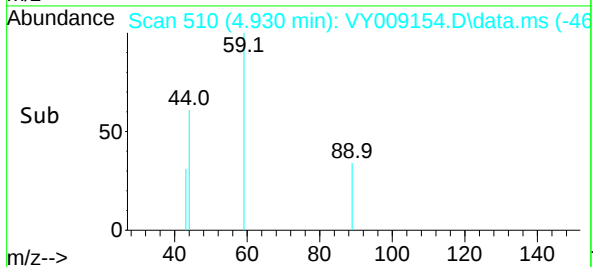
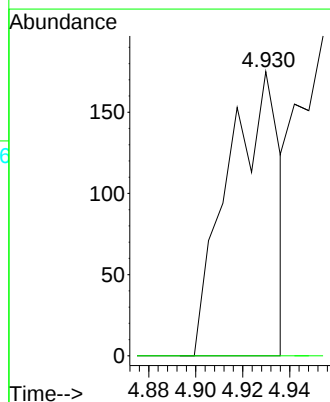
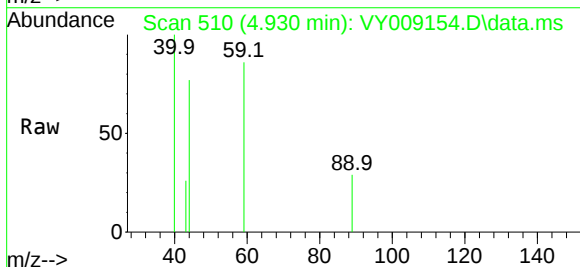
Instrument :
MSVOA_Y
ClientSampleId :

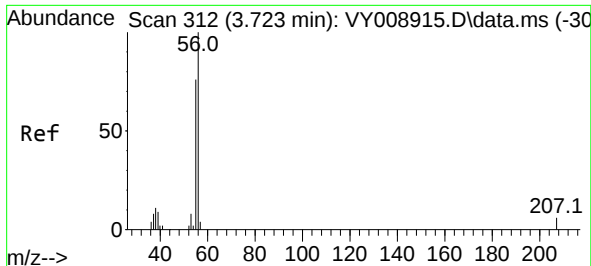
Tgt Ion:168 Resp: 115651
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.212 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

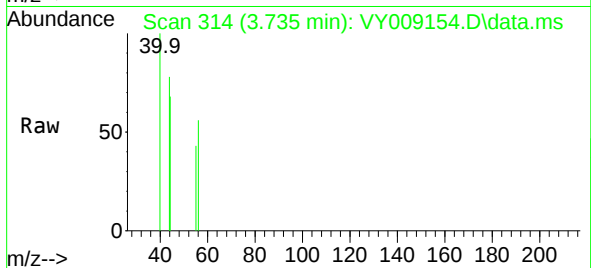
Tgt Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



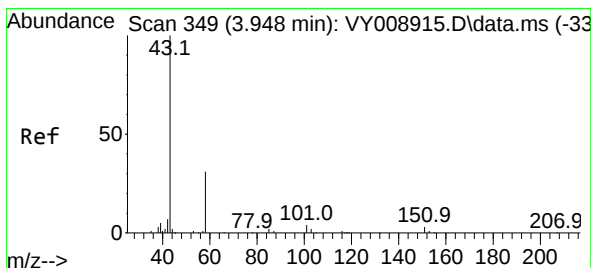
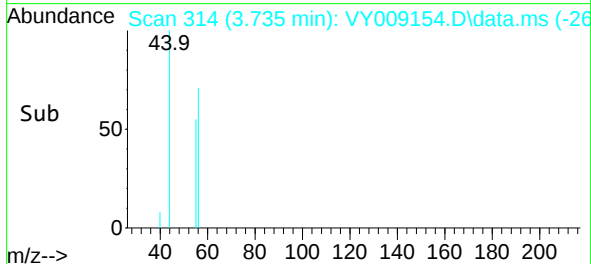
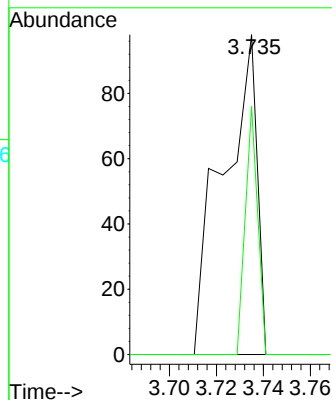


#13
Acrolein
Concen: 2.466 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Instrument :
MSVOA_Y
ClientSampleId :

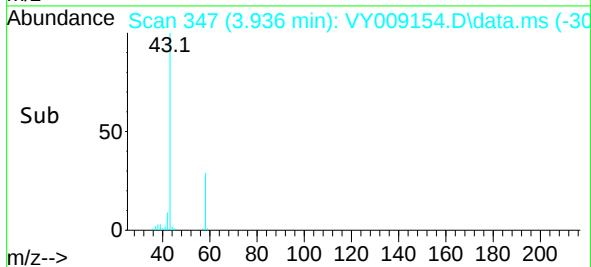
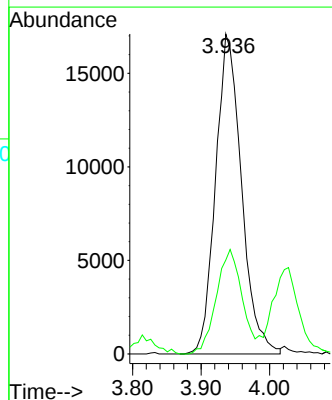
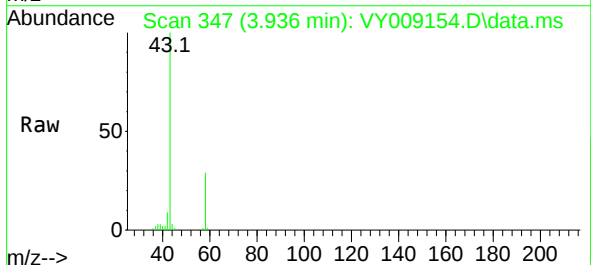


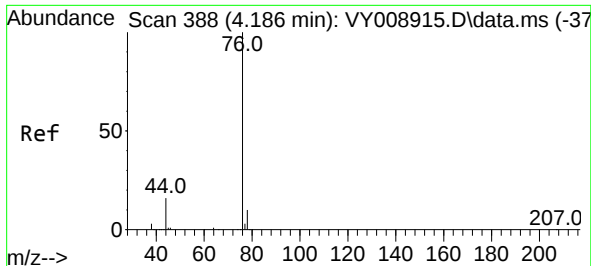
Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 28.6 57.6 86.4#



#16
Acetone
Concen: 181.110 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 43 Resp: 44872
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0

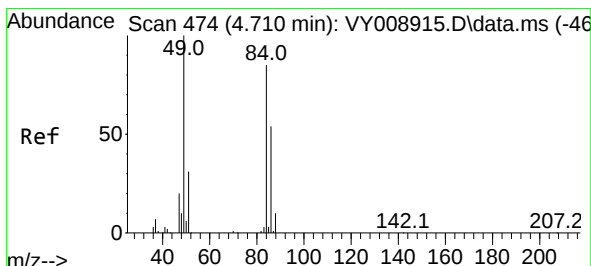
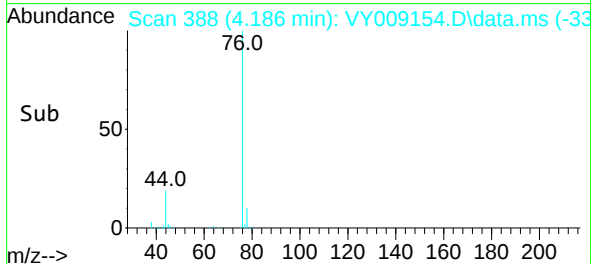
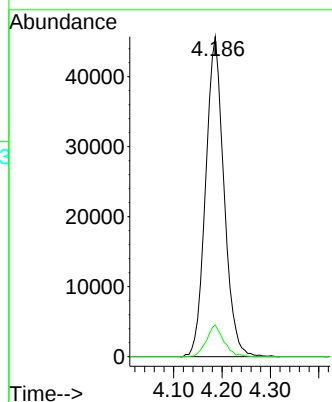
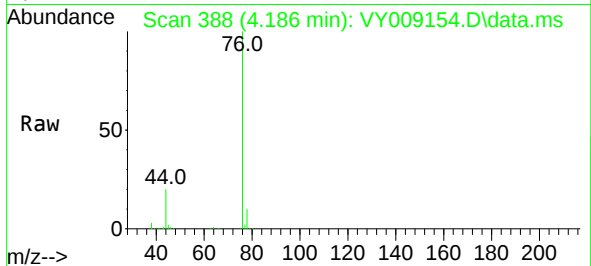




#17
Carbon Disulfide
Concen: 33.885 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

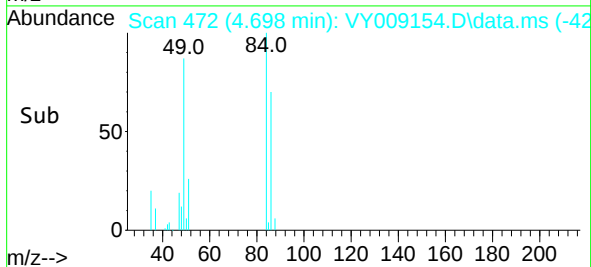
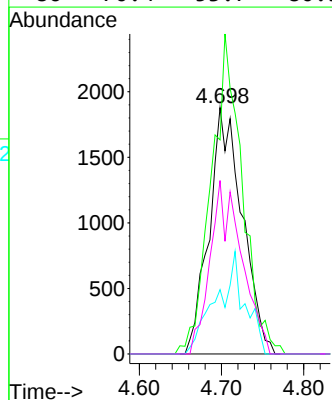
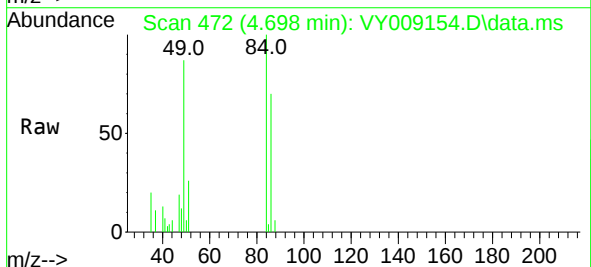
Instrument :
MSVOA_Y
ClientSampleId :

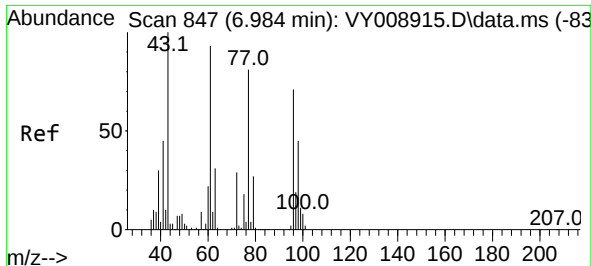
Tgt Ion: 76 Resp: 120421
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

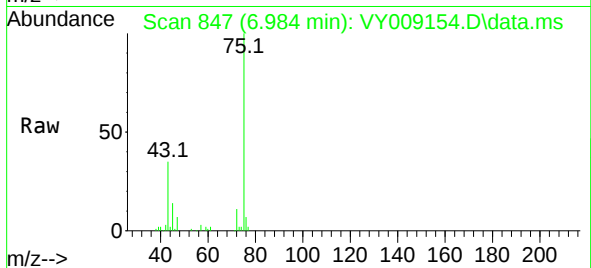
Tgt Ion: 84 Resp: 5266
Ion Ratio Lower Upper
84 100
49 83.5 114.4 171.6#
51 26.1 35.3 52.9#
86 70.4 53.7 80.5



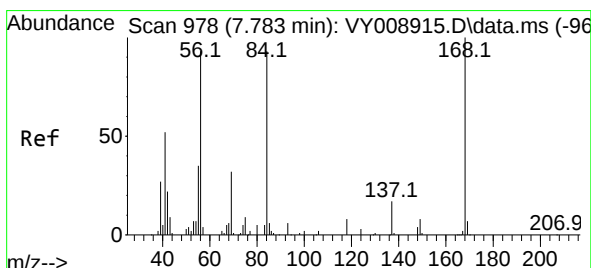
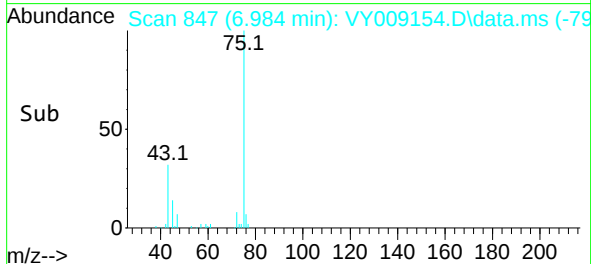
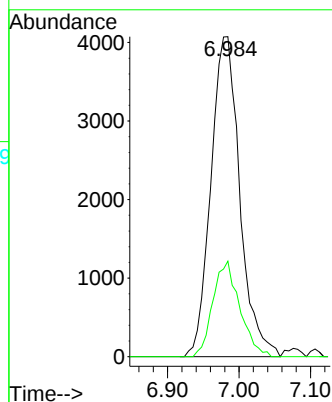


#25
2-Butanone
Concen: 25.836 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Instrument :
MSVOA_Y
ClientSampleId :

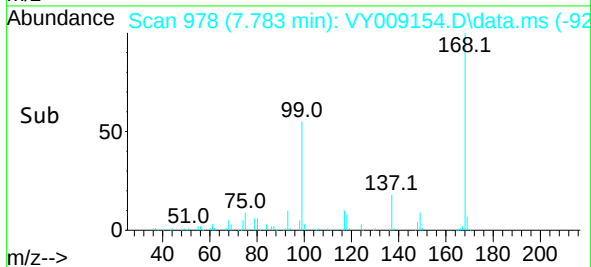
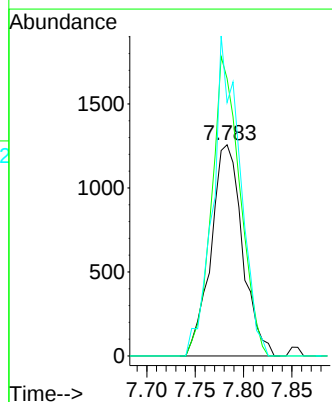
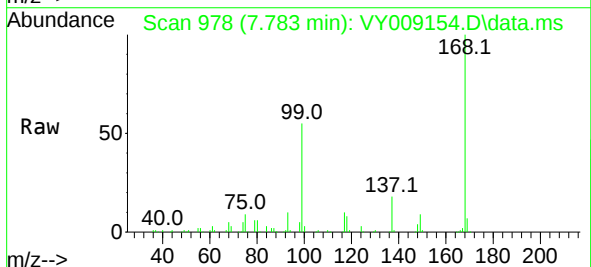


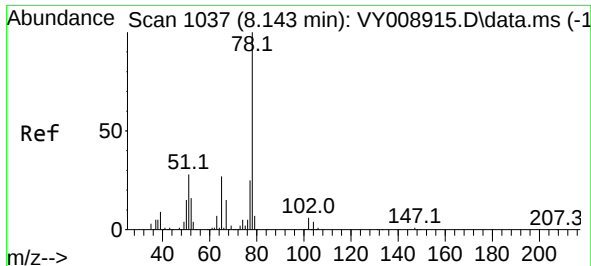
Tgt Ion: 43 Resp: 11433
Ion Ratio Lower Upper
43 100
72 29.8 17.7 26.5#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 56 Resp: 2842
Ion Ratio Lower Upper
56 100
69 131.4 26.7 40.1#
84 120.0 67.2 100.8#

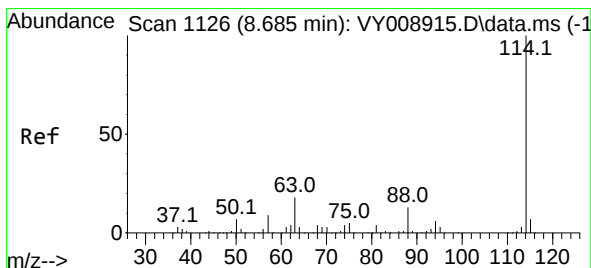
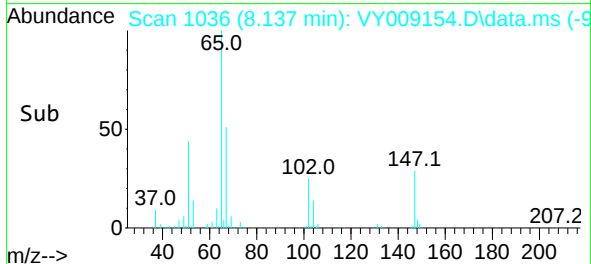
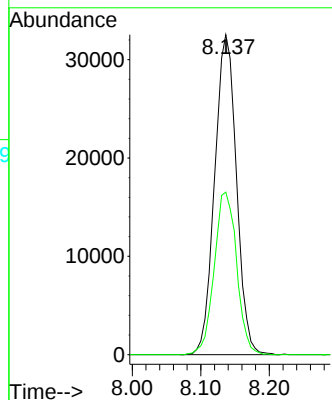
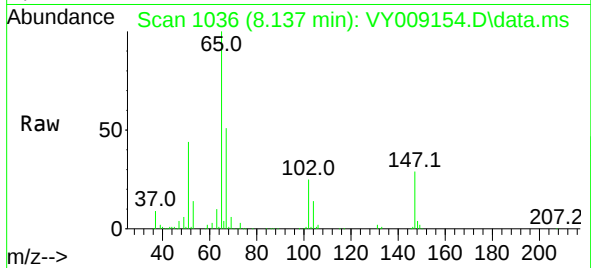




#33
1,2-Dichloroethane-d4
Concen: 60.299 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

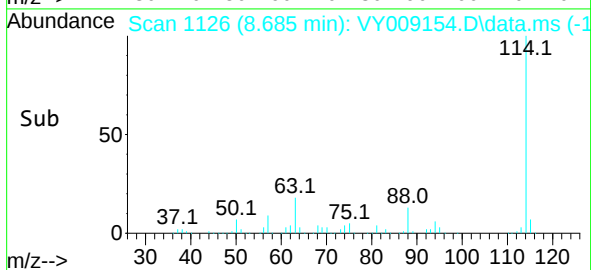
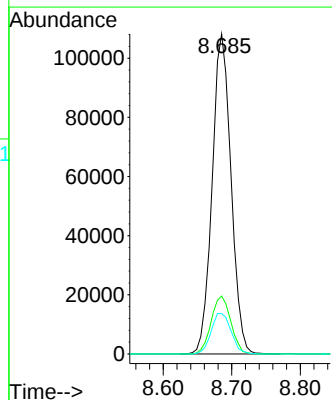
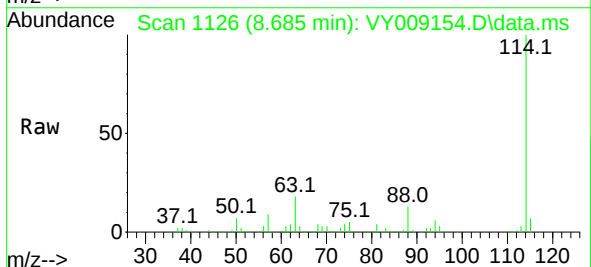
Instrument :
MSVOA_Y
ClientSampleId :

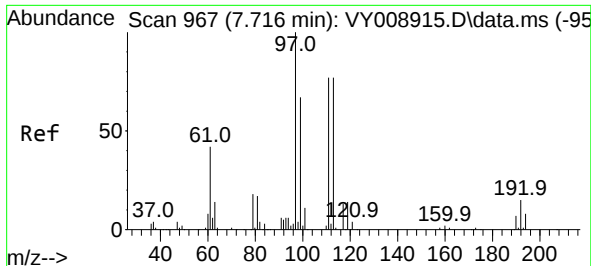
Tgt Ion: 65 Resp: 71772
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 114 Resp: 206865
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 12.6 0.0 31.8

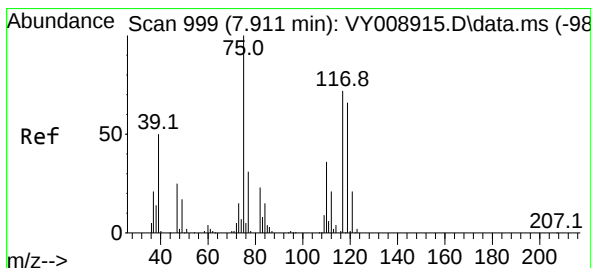
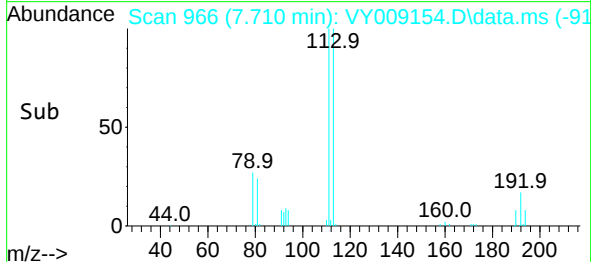
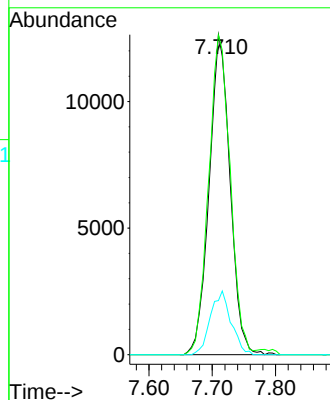
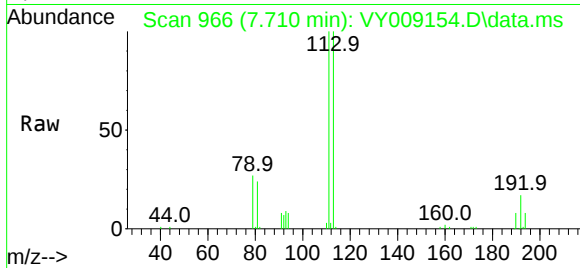




#35
Dibromofluoromethane
Concen: 22.521 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

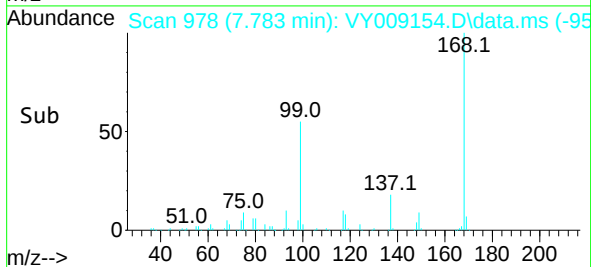
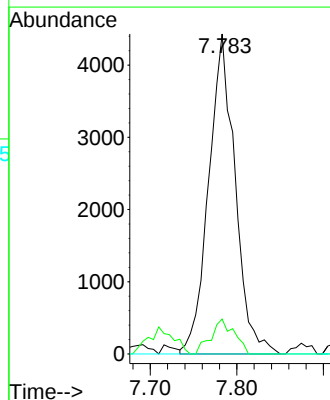
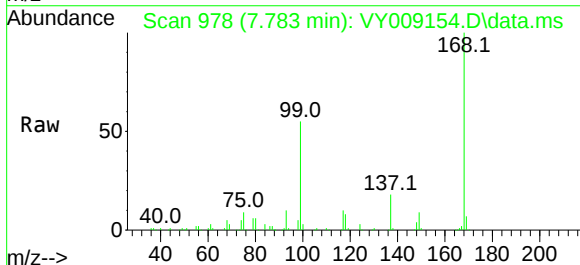
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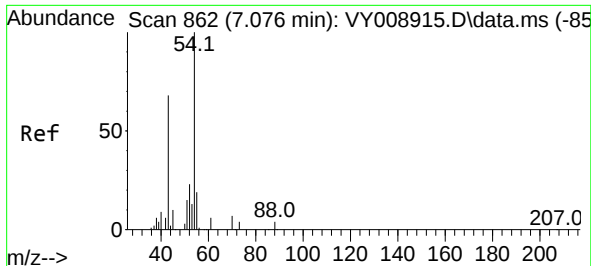
Tgt Ion:113 Resp: 28971
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.286 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 75 Resp: 9383
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 10.068 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

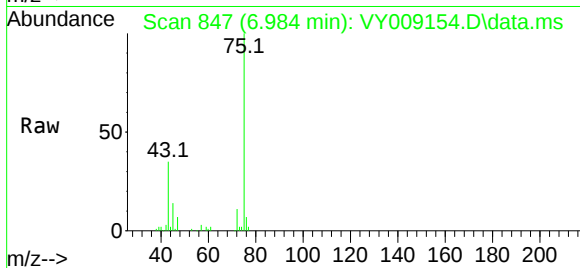
Lab File: VY009154.D

Acq: 06 Jun 2022 17:48

Instrument :

MSVOA_Y

ClientSampleId :



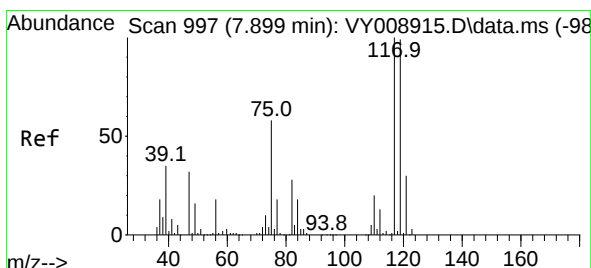
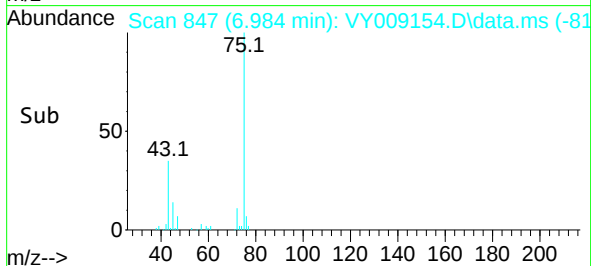
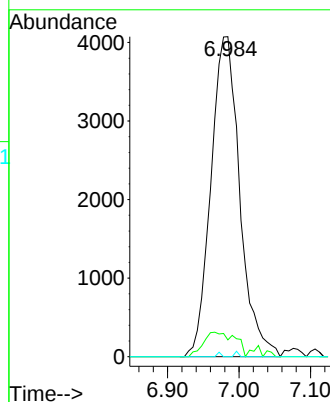
Tgt Ion: 43 Resp: 11433

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.900 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY009154.D

Acq: 06 Jun 2022 17:48

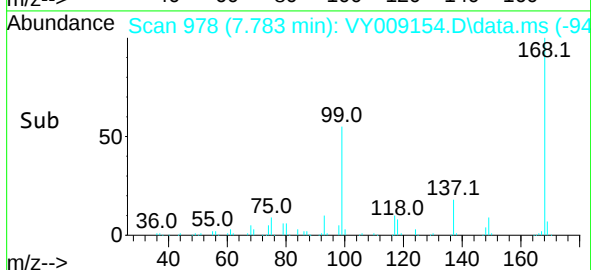
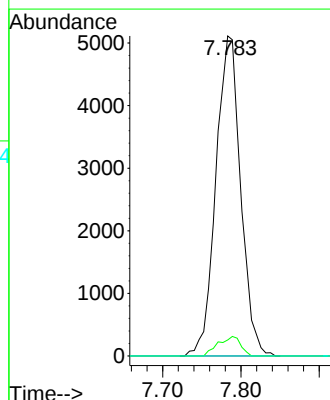
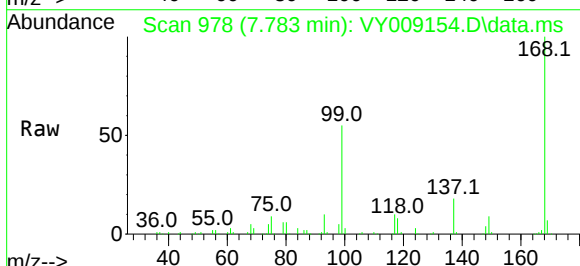
Tgt Ion: 117 Resp: 11222

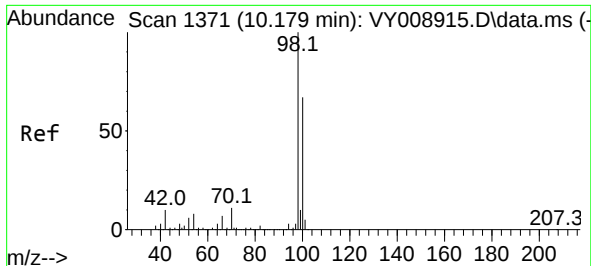
Ion Ratio Lower Upper

117 100

119 5.0 77.9 116.9#

121 0.0 24.8 37.2#

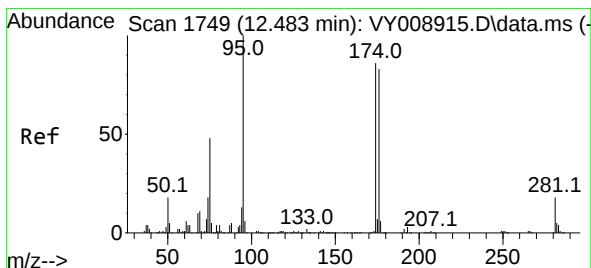
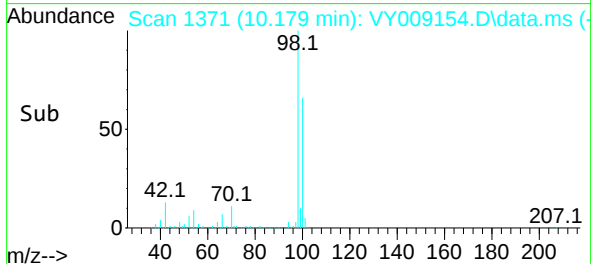
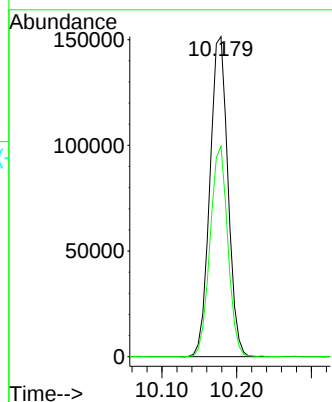
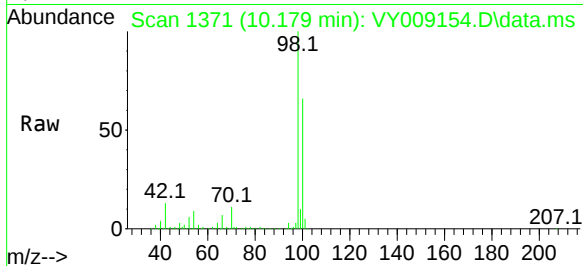




#50
Toluene-d8
Concen: 53.575 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

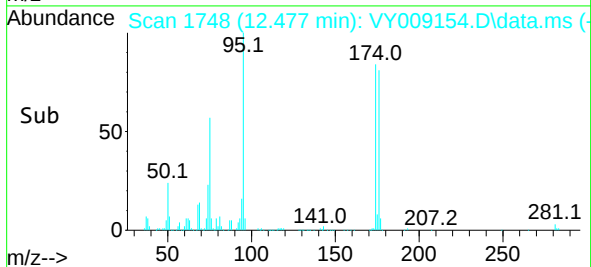
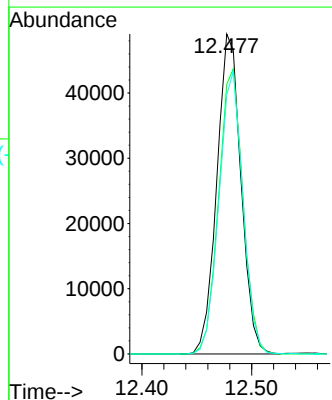
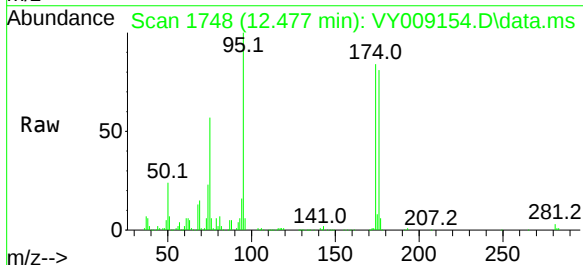
Instrument :
MSVOA_Y
ClientSampleId :

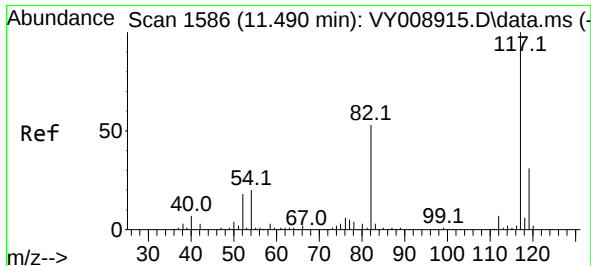
Tgt Ion: 98 Resp: 254244
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.249 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 95 Resp: 75136
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 87.2 0.0 175.8

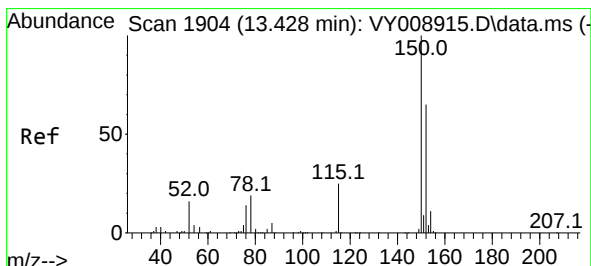
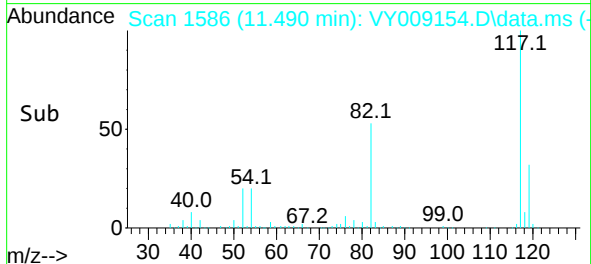
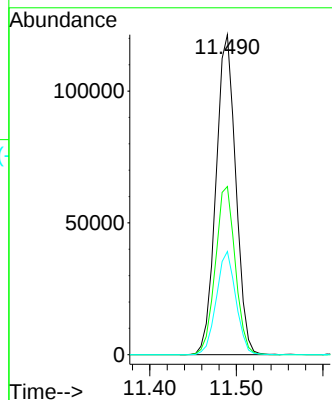
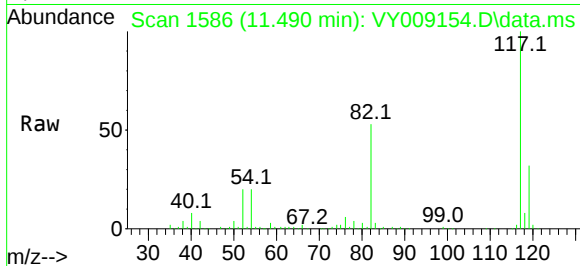




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

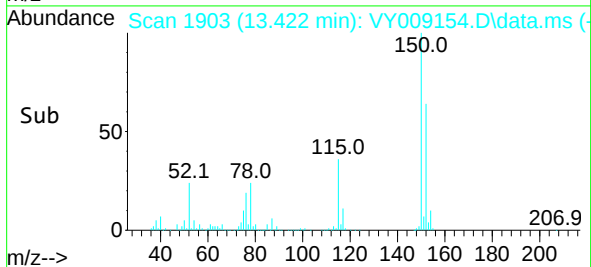
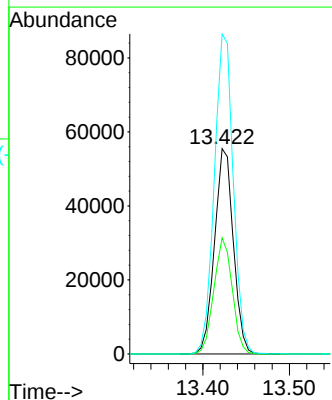
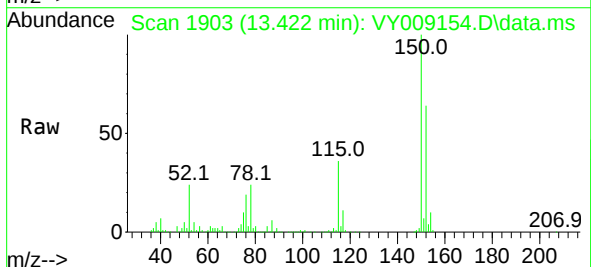
Instrument :
MSVOA_Y
ClientSampleId :

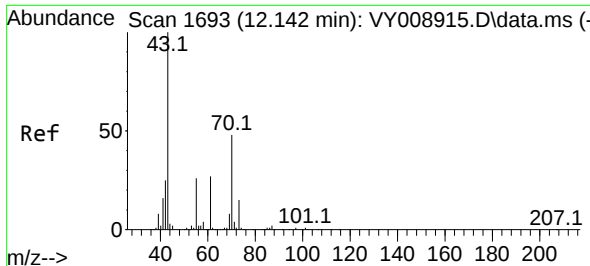
Tgt Ion:117 Resp: 192394
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

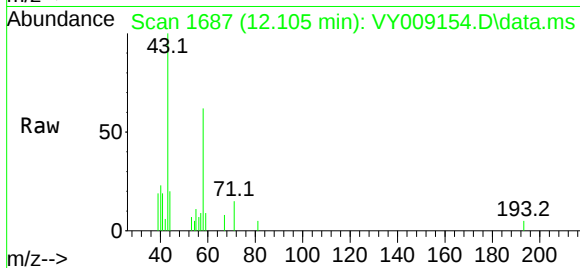
Tgt Ion:152 Resp: 83756
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 156.9 0.0 347.6



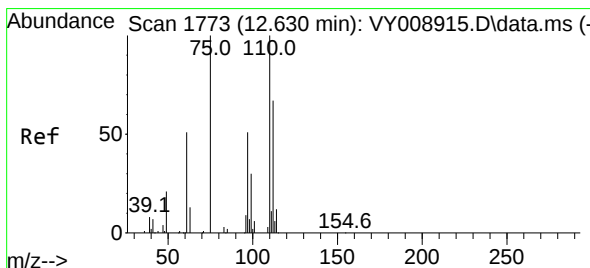
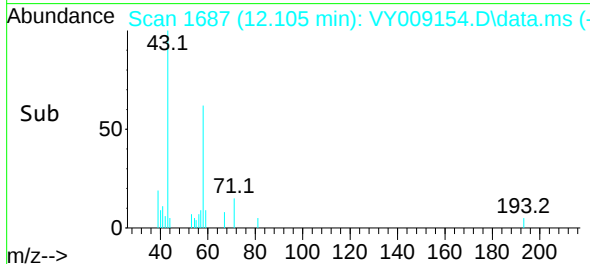
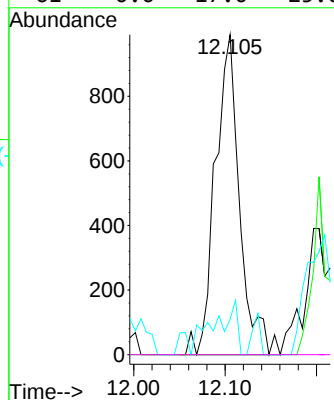


#74
N-amy1 acetate
Concen: 1.269 ug/l
RT: 12.105 min Scan# 1748
Delta R.T. -0.037 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

Instrument :
MSVOA_Y
ClientSampleId :

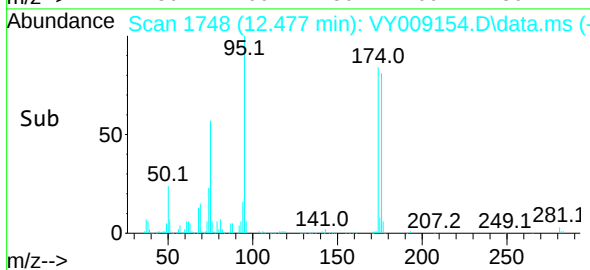
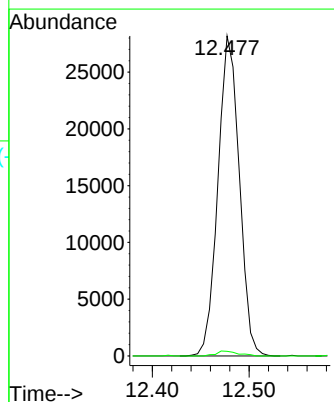
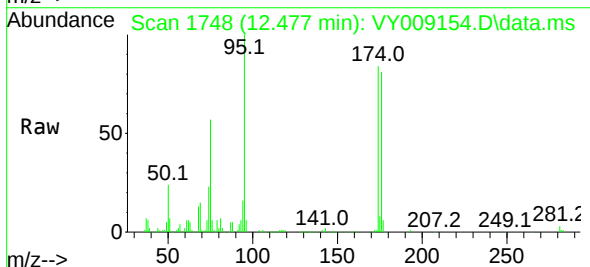


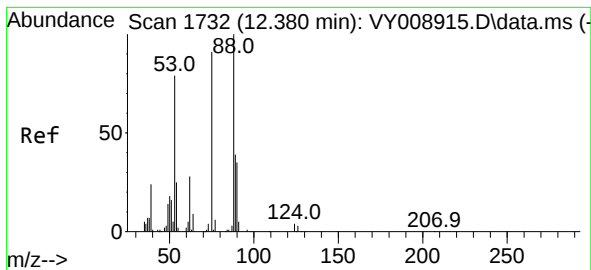
Tgt Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 16.1 17.3 25.9#
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 48.013 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009154.D
Acq: 06 Jun 2022 17:48

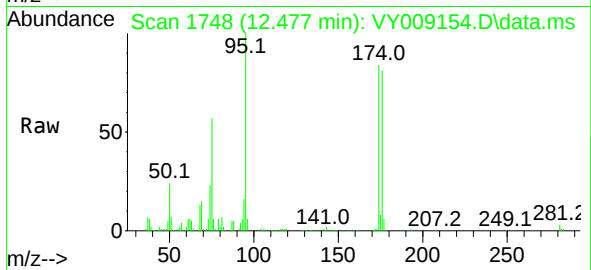
Tgt Ion: 75 Resp: 43185
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.547 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009154.D
 Acq: 06 Jun 2022 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 43185
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

