

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007603.D
 Acq On : 23 Feb 2022 17:19
 Operator : SY/MD
 Sample : N1584-01
 Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D4-12.5

Quant Time: Feb 24 08:24:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

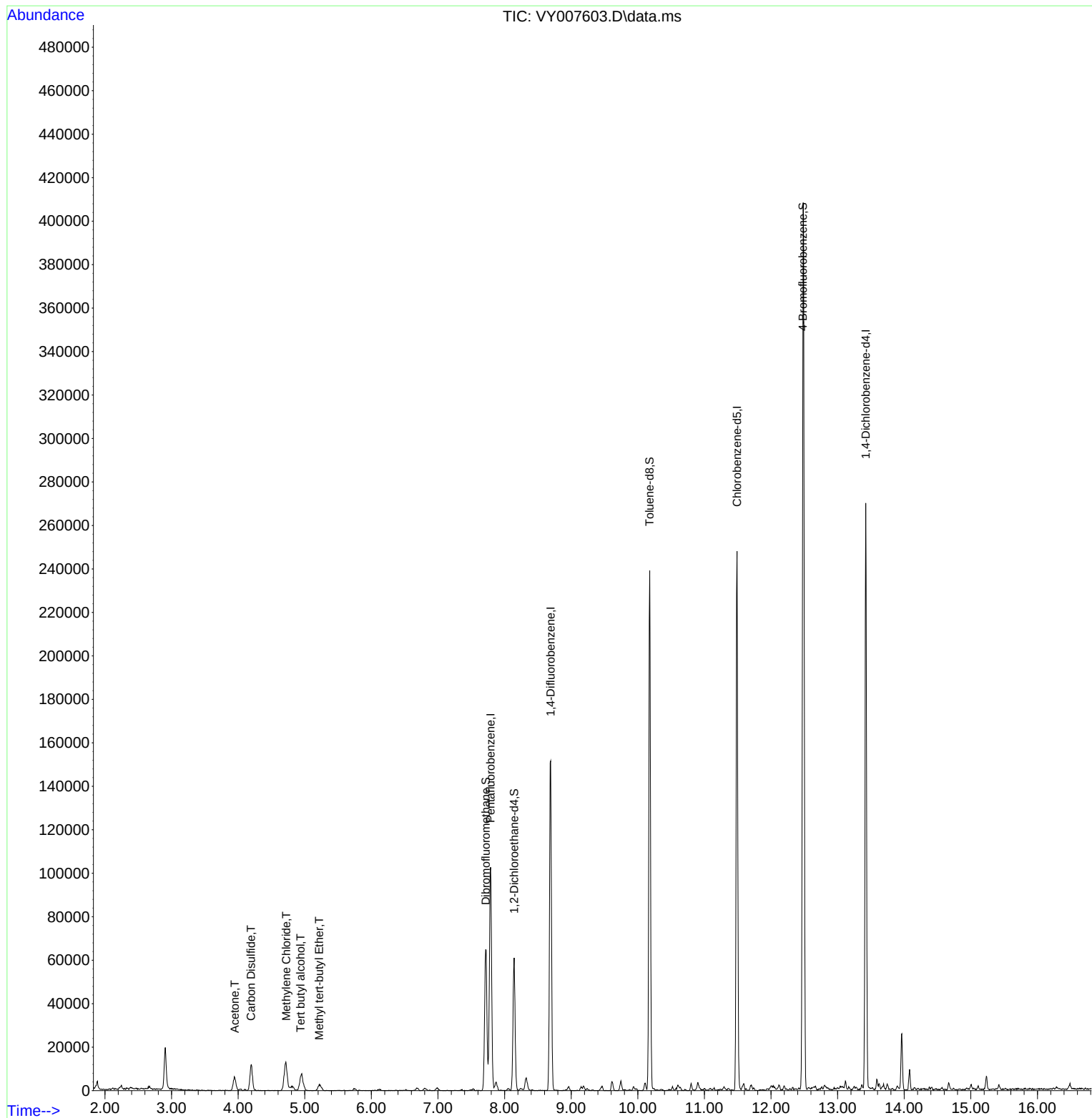
Internal Standards						
1) Pentafluorobenzene	7.789	168	80429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47029	52.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.120%	
35) Dibromofluoromethane	7.716	113	43258	50.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.300%	
50) Toluene-d8	10.179	98	157631	49.894	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	12.477	95	59631	55.218	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	15285	169.616	ug/l	98
16) Acetone	3.948	43	8200	40.241	ug/l	98
17) Carbon Disulfide	4.192	76	23937	10.602	ug/l #	94
19) Methyl tert-butyl Ether	5.216	73	4439	1.818	ug/l #	87
20) Methylene Chloride	4.722	84	8178	6.100	ug/l #	68

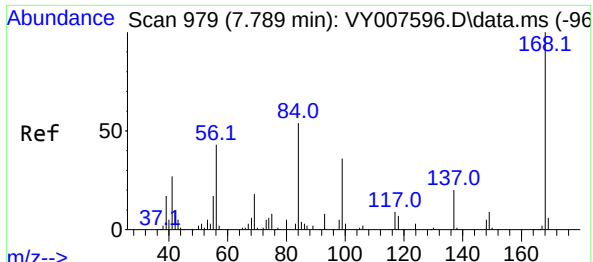
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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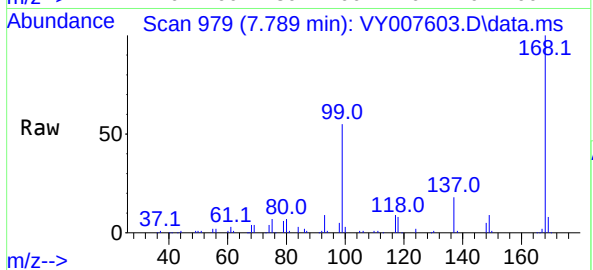
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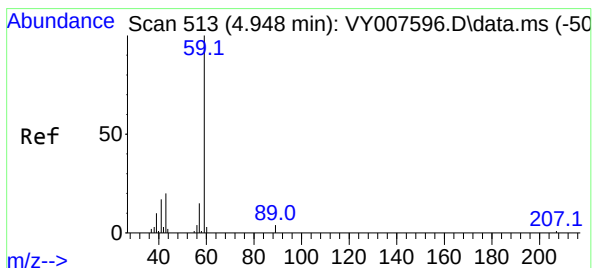
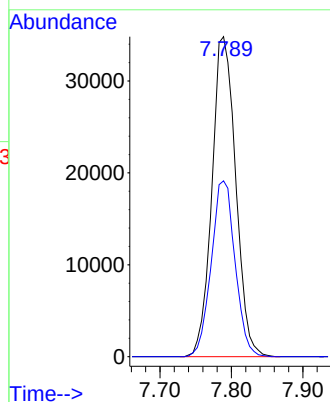
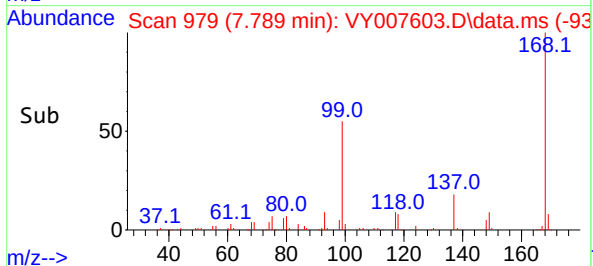


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
D4-12.5

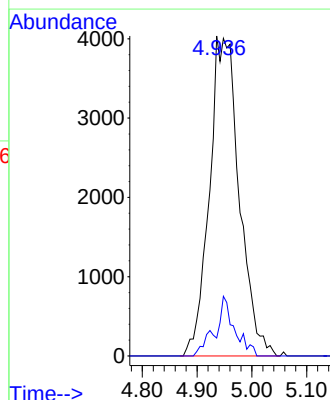
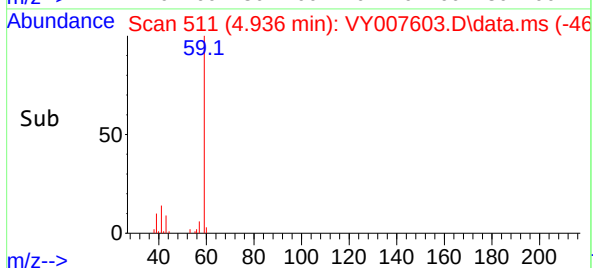
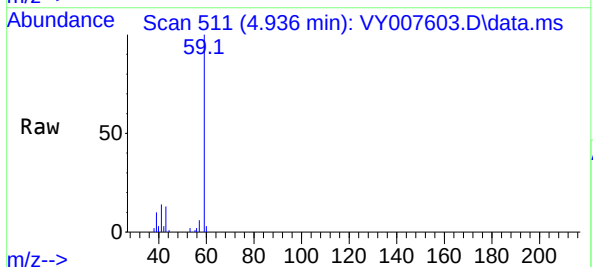


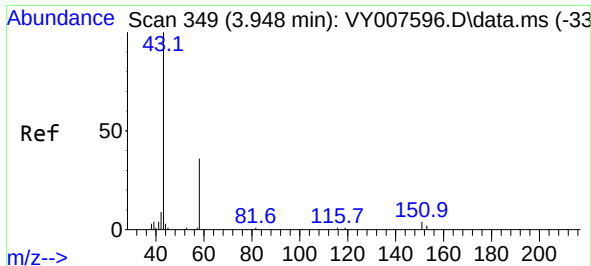
Tgt Ion:168 Resp: 80429
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 169.616 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

Tgt Ion: 59 Resp: 15285
Ion Ratio Lower Upper
59 100
57 8.8 6.4 9.6

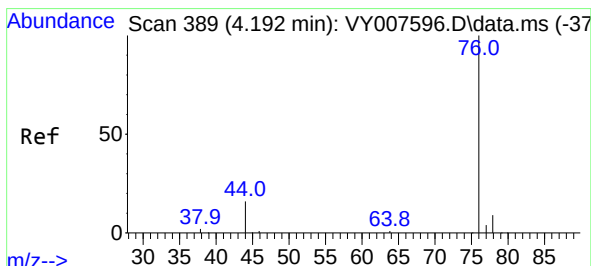
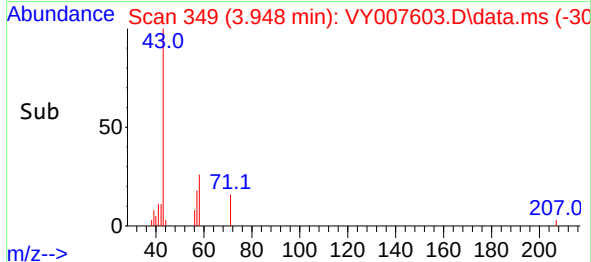
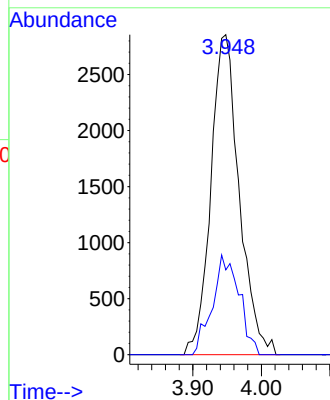
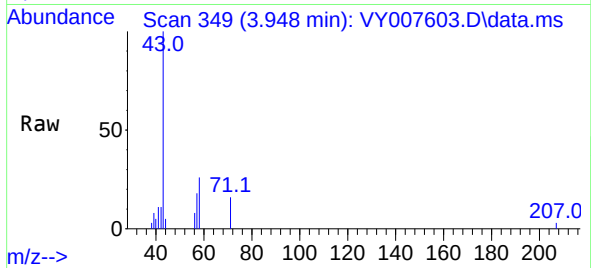




#16
Acetone
Concen: 40.241 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

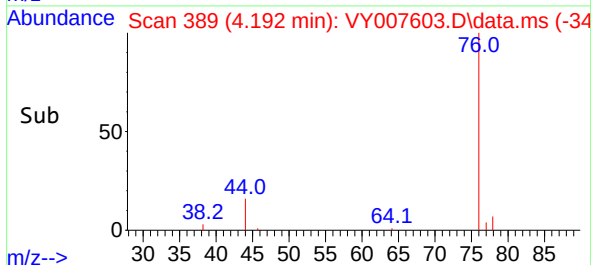
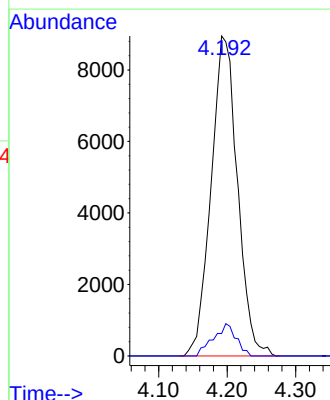
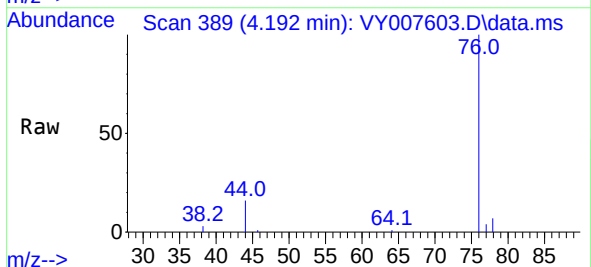
Instrument :
MSVOA_Y
ClientSampleId :
D4-12.5

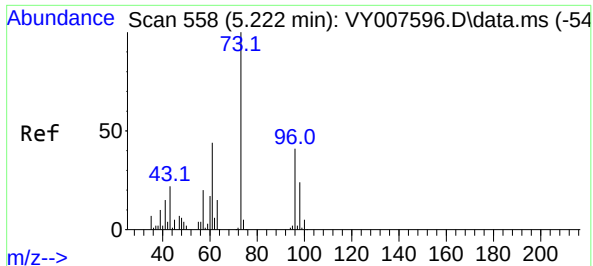
Tgt Ion: 43 Resp: 8200
Ion Ratio Lower Upper
43 100
58 26.5 22.0 33.0



#17
Carbon Disulfide
Concen: 10.602 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

Tgt Ion: 76 Resp: 23937
Ion Ratio Lower Upper
76 100
78 7.0 7.4 11.0#

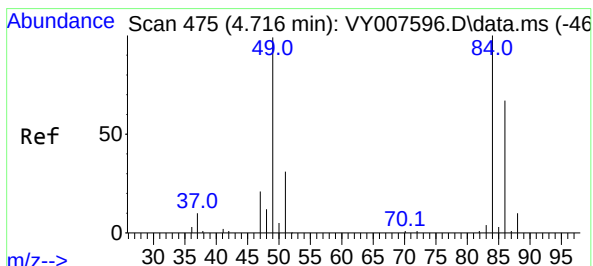
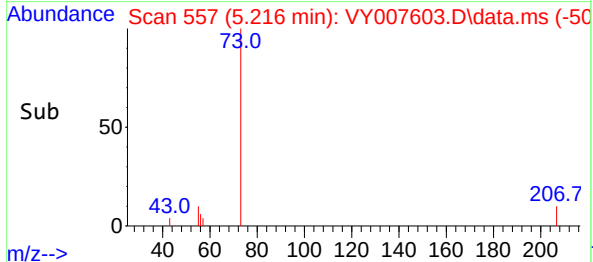
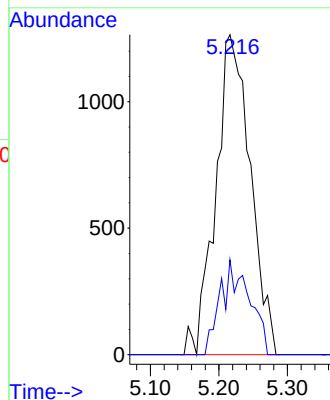
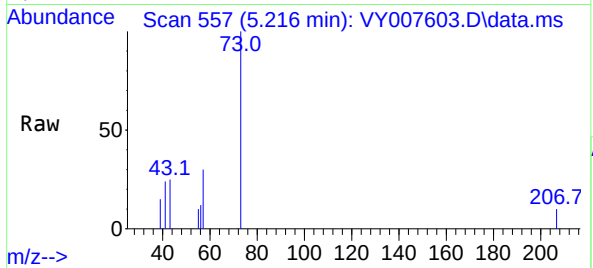




#19
Methyl tert-butyl Ether
Concen: 1.818 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

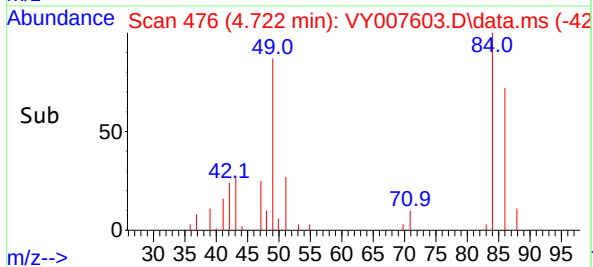
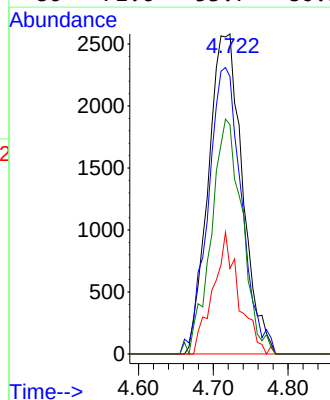
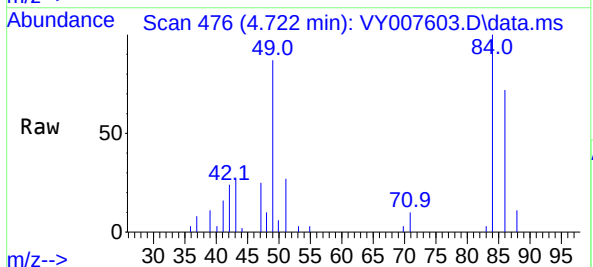
Instrument :
MSVOA_Y
ClientSampleId :
D4-12.5

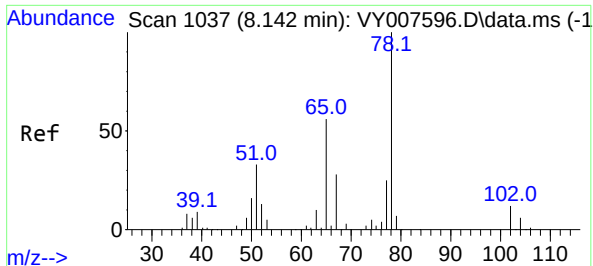
Tgt Ion: 73 Resp: 4439
Ion Ratio Lower Upper
73 100
57 29.6 18.6 27.8#



#20
Methylene Chloride
Concen: 6.100 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

Tgt Ion: 84 Resp: 8178
Ion Ratio Lower Upper
84 100
49 86.7 114.4 171.6#
51 26.7 35.3 52.9#
86 71.6 53.7 80.5

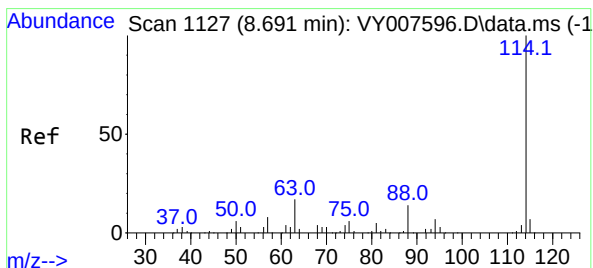
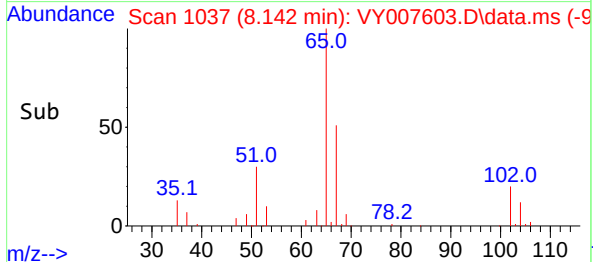
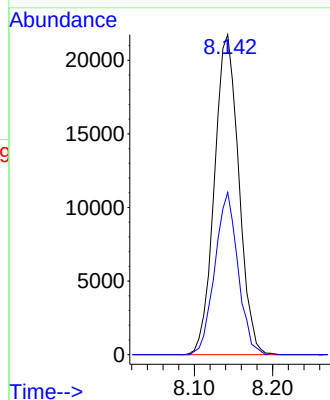
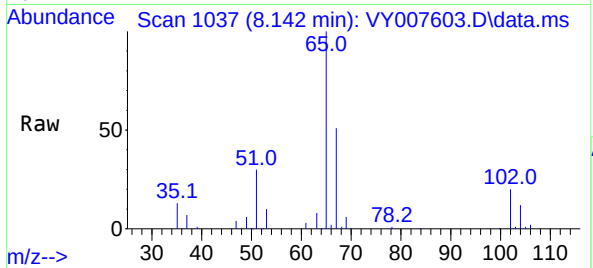




#33
1,2-Dichloroethane-d4
Concen: 52.562 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

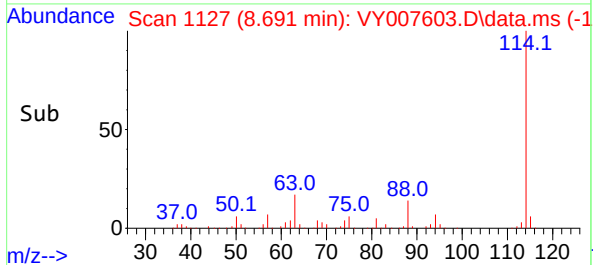
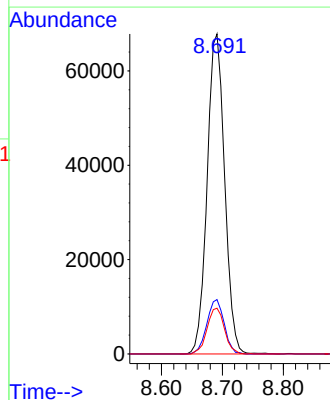
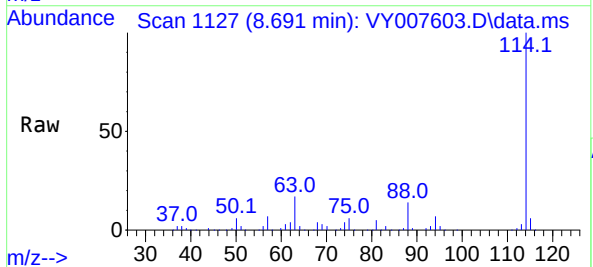
Instrument :
MSVOA_Y
ClientSampleId :
D4-12.5

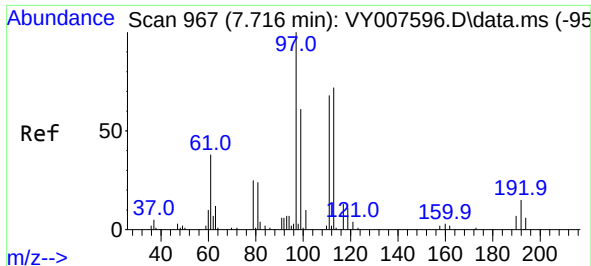
Tgt Ion: 65 Resp: 47029
Ion Ratio Lower Upper
65 100
67 48.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

Tgt Ion: 114 Resp: 135354
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 14.3 0.0 31.8

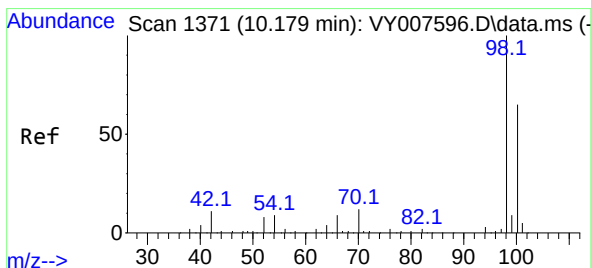
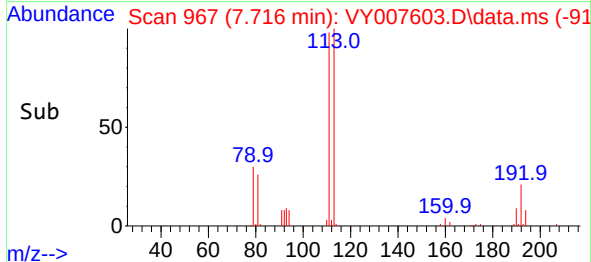
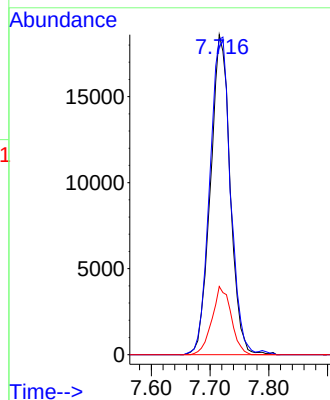
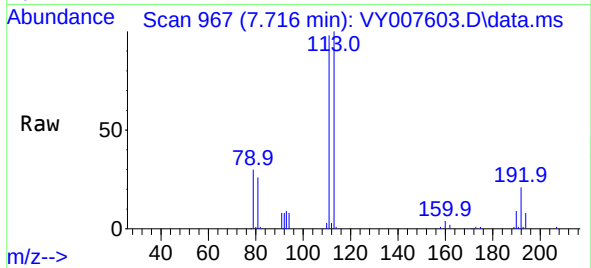




#35
Dibromofluoromethane
Concen: 50.649 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

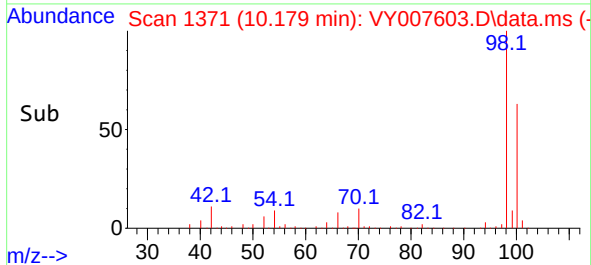
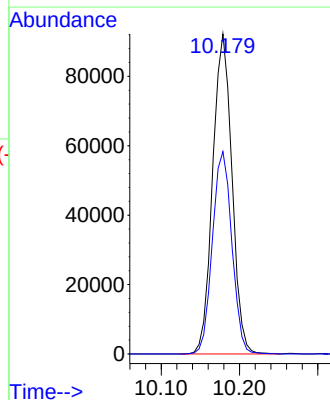
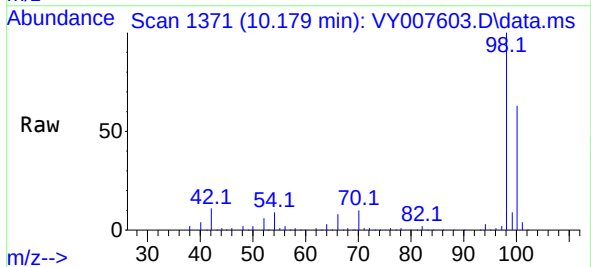
Instrument :
MSVOA_Y
ClientSampleId :
D4-12.5

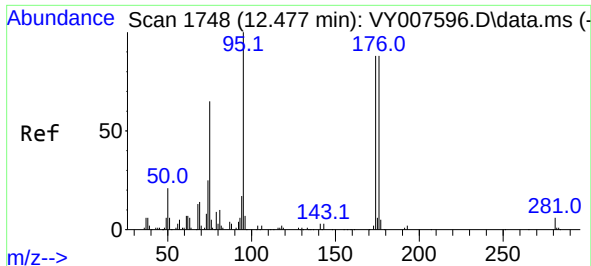
Tgt Ion:113 Resp: 43258
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 20.8 17.6 26.4



#50
Toluene-d8
Concen: 49.894 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

Tgt Ion: 98 Resp: 157631
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



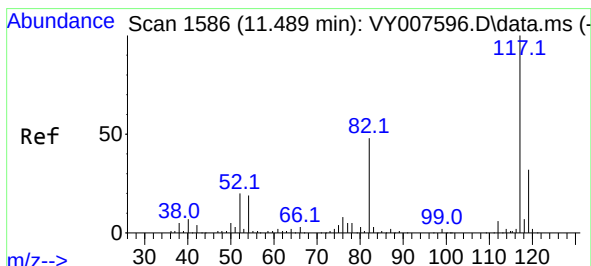
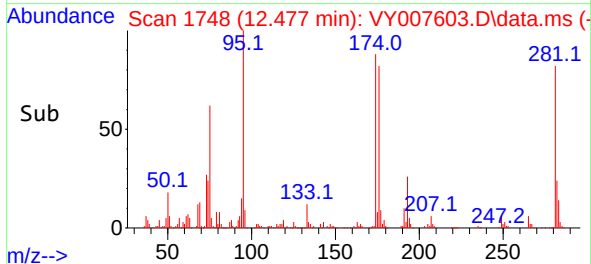
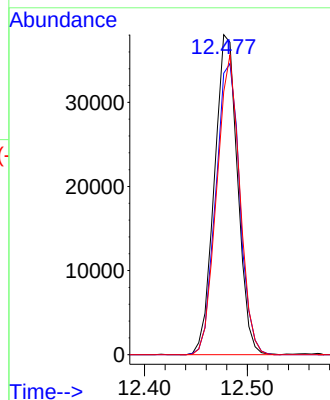
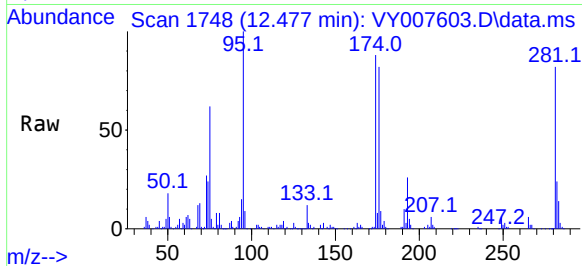


#62
4-Bromofluorobenzene
Concen: 55.218 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
D4-12.5

Tgt Ion: 95 Resp: 59631

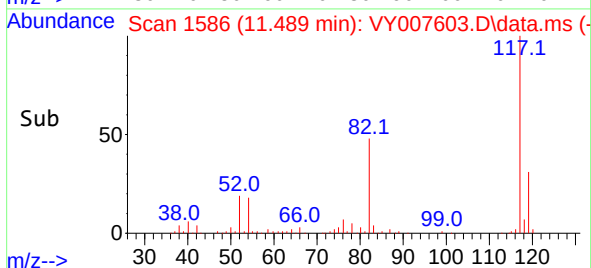
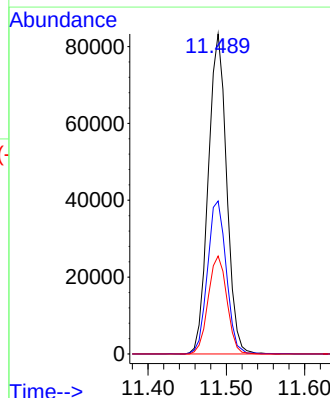
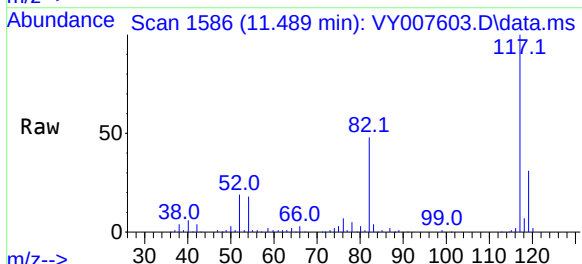
Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	177.0
176	92.6	0.0	175.8

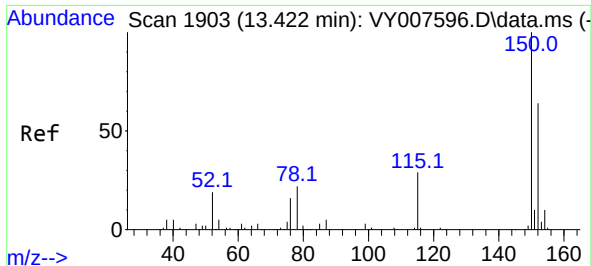


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007603.D
Acq: 23 Feb 2022 17:19

Tgt Ion: 117 Resp: 135546

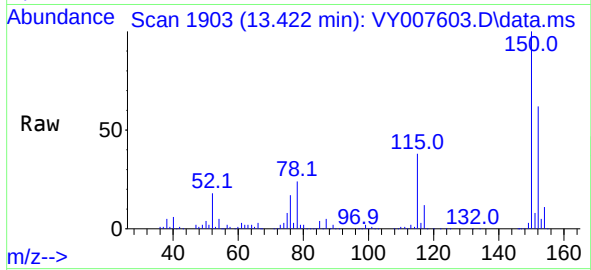
Ion	Ratio	Lower	Upper
117	100		
82	47.8	43.0	64.4
119	30.6	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007603.D
 Acq: 23 Feb 2022 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 D4-12.5



Tgt Ion:152 Resp: 66534
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 157.7 0.0 347.6

