

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007609.D
 Acq On : 23 Feb 2022 19:40
 Operator : SY/MD
 Sample : N1584-12
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D15-10.5

Quant Time: Feb 24 08:25:33 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)

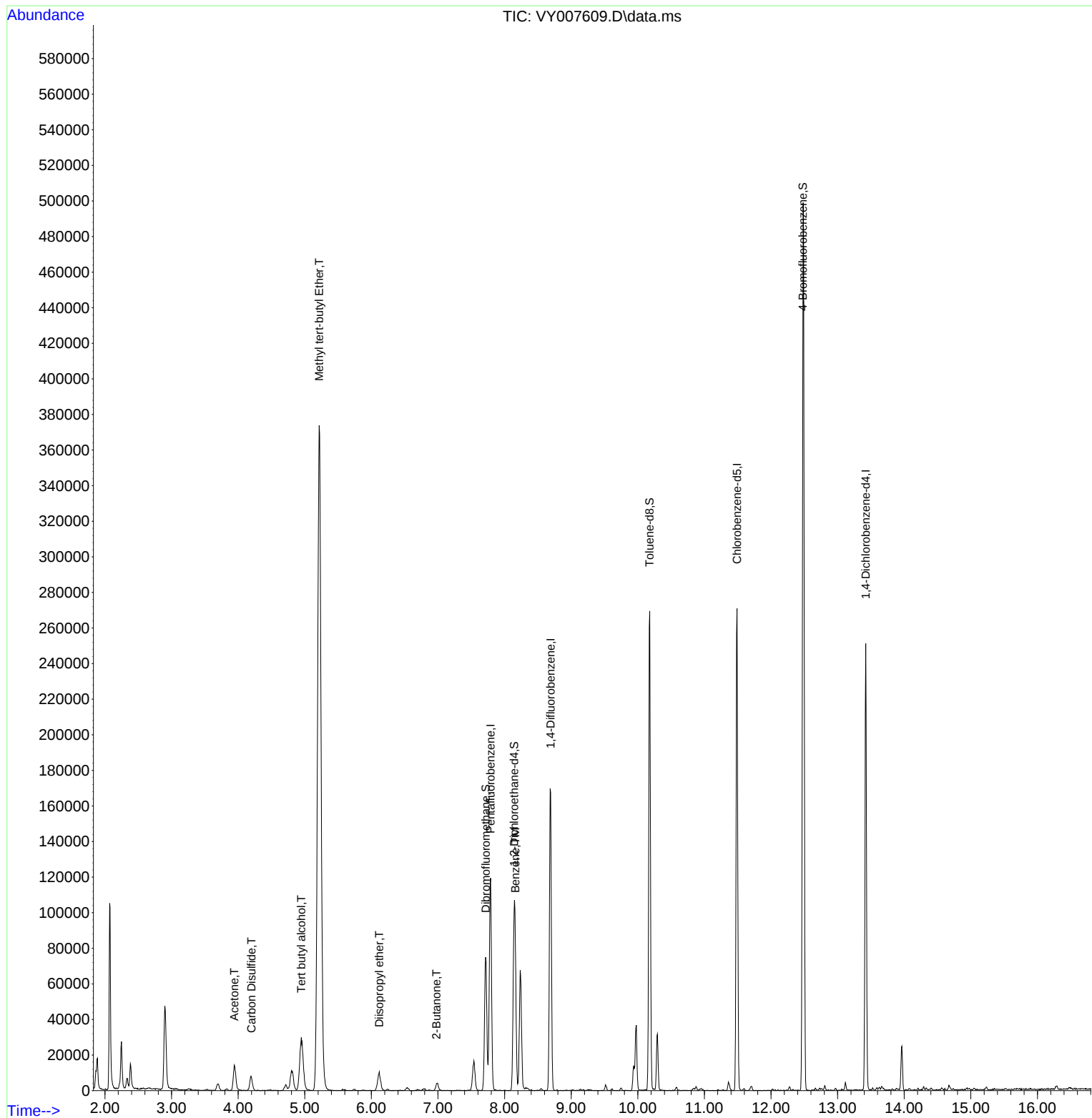
Internal Standards						
1) Pentafluorobenzene	7.789	168	90772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	154009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51646	51.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.280%	
35) Dibromofluoromethane	7.716	113	50571	52.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.080%	
50) Toluene-d8	10.179	98	181263	50.384	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.477	95	62830	51.133	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.260%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	62108	610.673	ug/l #	91
16) Acetone	3.942	43	22995	99.989	ug/l #	77
17) Carbon Disulfide	4.198	76	16184	6.351	ug/l #	92
19) Methyl tert-butyl Ether	5.216	73	712632	258.604	ug/l	91
22) Diisopropyl ether	6.119	45	10596	5.320	ug/l	91
25) 2-Butanone	6.978	43	6838	26.226	ug/l #	87
40) Benzene	8.161	78	68151	17.057	ug/l	97

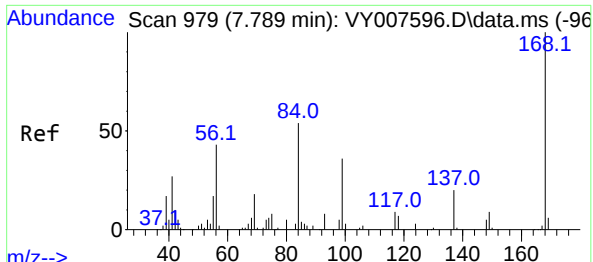
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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D15-10.5

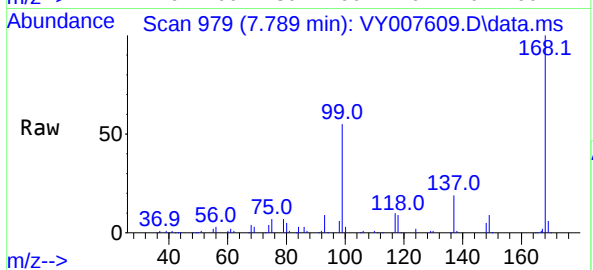
Quant Time: Feb 24 08:25:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
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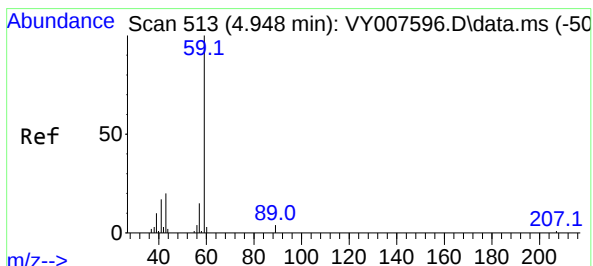
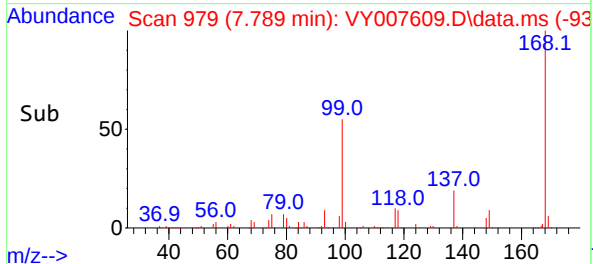
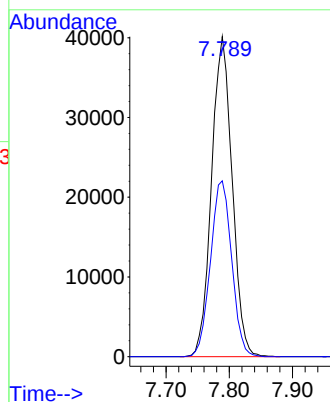


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

Instrument :
MSVOA_Y
ClientSampleId :
D15-10.5

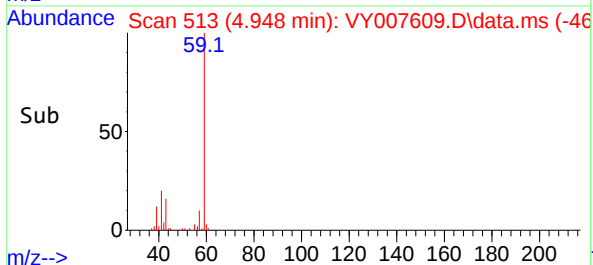
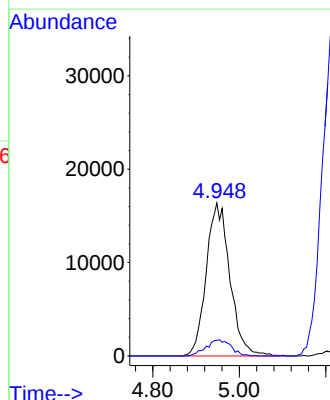
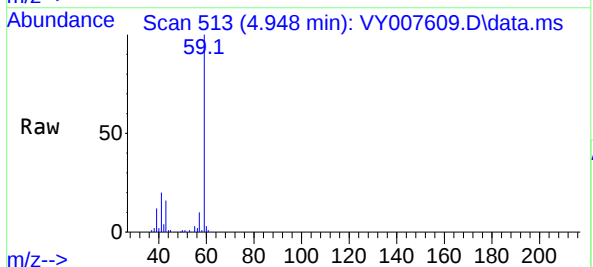


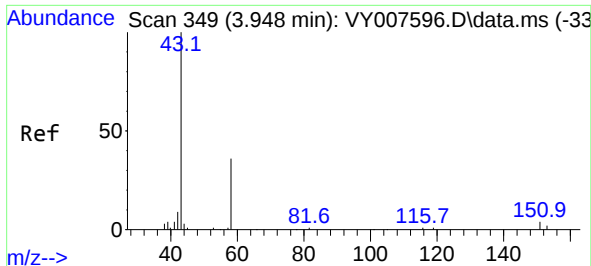
Tgt Ion:168 Resp: 90772
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 610.673 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

Tgt Ion: 59 Resp: 62108
Ion Ratio Lower Upper
59 100
57 11.1 6.4 9.6#

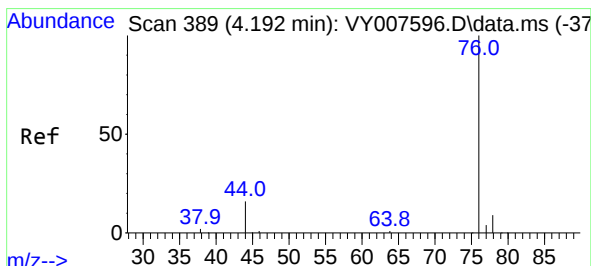
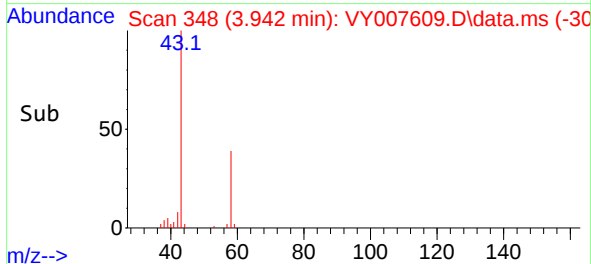
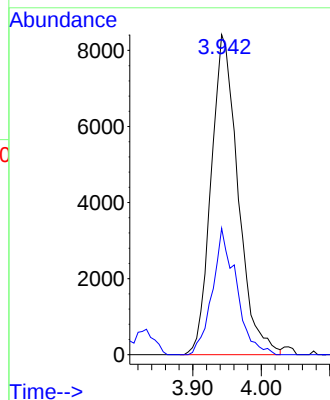
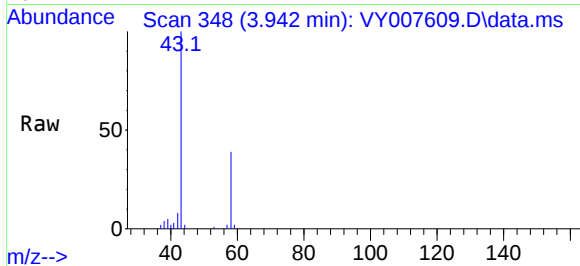




#16
Acetone
Concen: 99.989 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

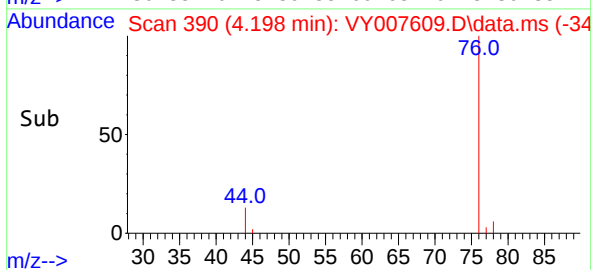
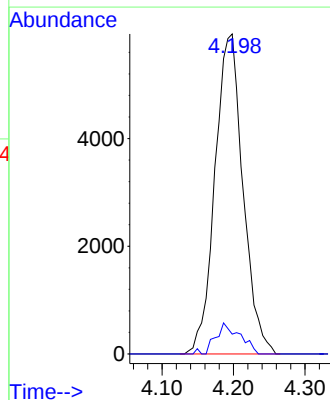
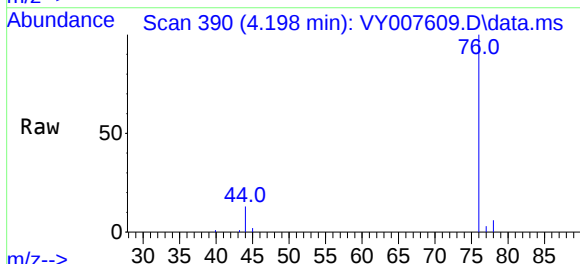
Instrument :
MSVOA_Y
ClientSampleId :
D15-10.5

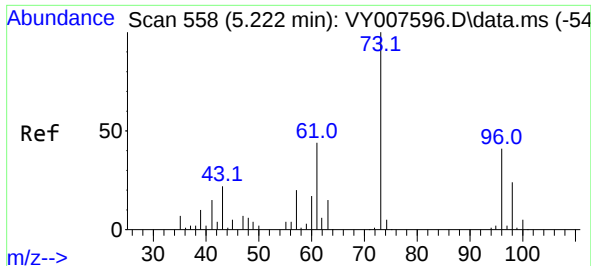
Tgt Ion: 43 Resp: 22995
Ion Ratio Lower Upper
43 100
58 39.5 22.0 33.0#



#17
Carbon Disulfide
Concen: 6.351 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

Tgt Ion: 76 Resp: 16184
Ion Ratio Lower Upper
76 100
78 6.2 7.4 11.0#

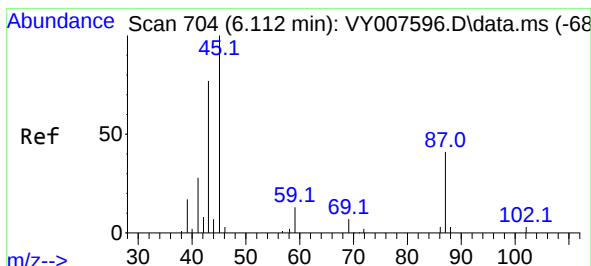
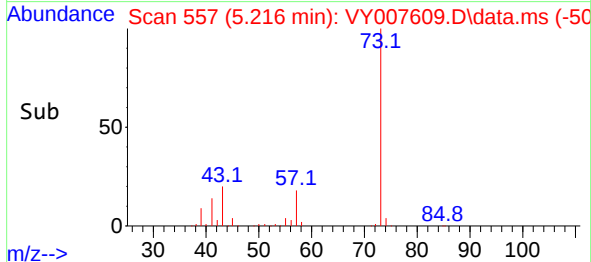
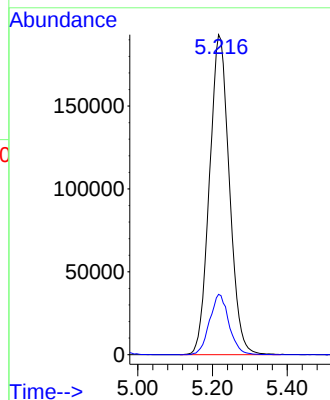
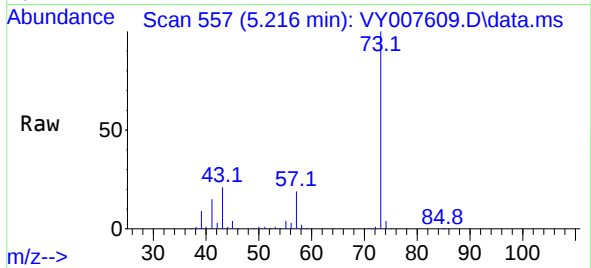




#19
Methyl tert-butyl Ether
Concen: 258.604 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

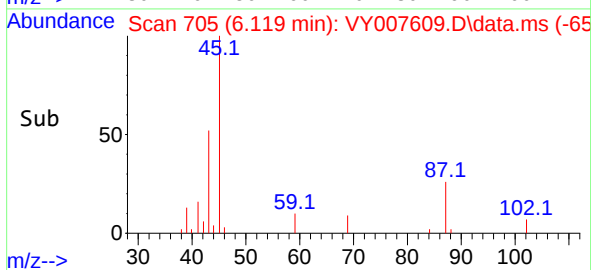
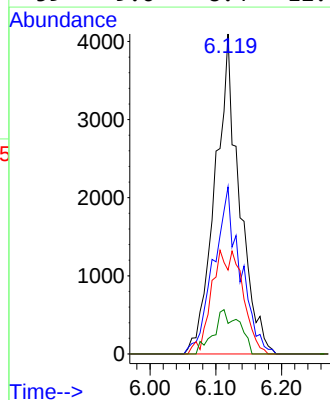
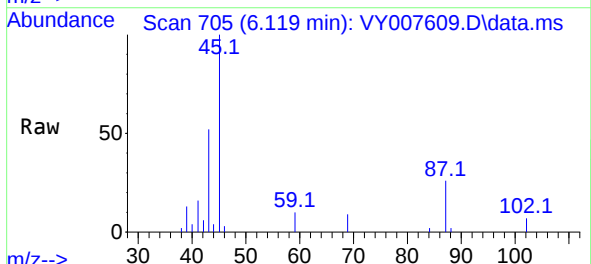
Instrument :
MSVOA_Y
ClientSampleId :
D15-10.5

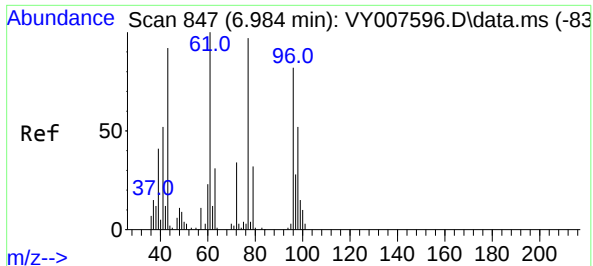
Tgt Ion: 73 Resp: 712632
Ion Ratio Lower Upper
73 100
57 18.9 18.6 27.8



#22
Diisopropyl ether
Concen: 5.320 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

Tgt Ion: 45 Resp: 10596
Ion Ratio Lower Upper
45 100
43 52.2 49.3 73.9
87 26.2 19.2 28.8
59 9.6 8.4 12.6





#25

2-Butanone

Concen: 26.226 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY007609.D

Acq: 23 Feb 2022 19:40

Instrument :

MSVOA_Y

ClientSampleId :

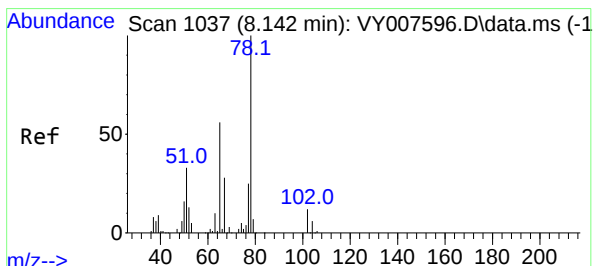
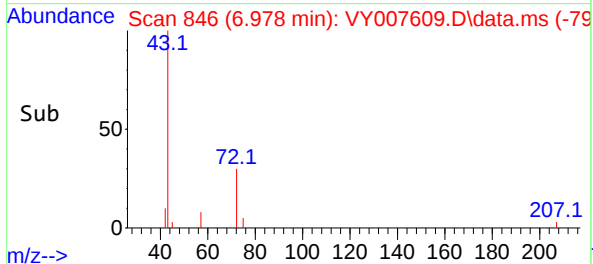
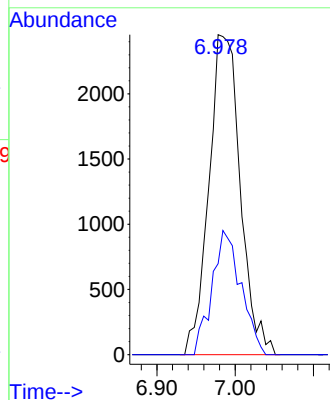
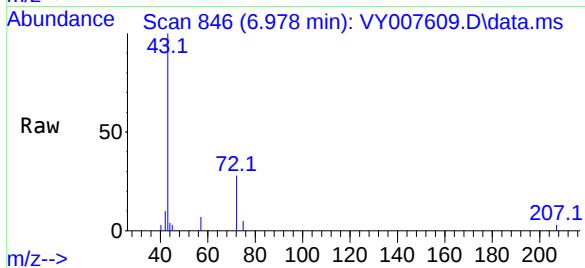
D15-10.5

Tgt Ion: 43 Resp: 6838

Ion Ratio Lower Upper

43 100

72 28.4 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 51.145 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY007609.D

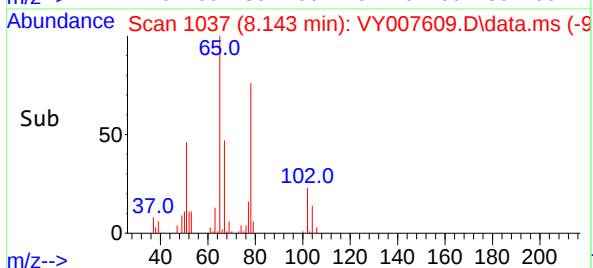
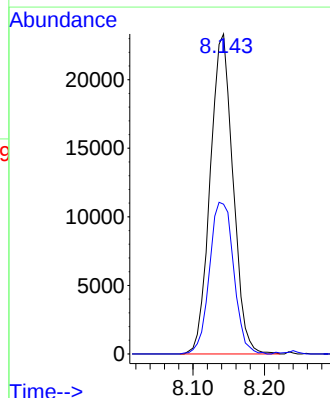
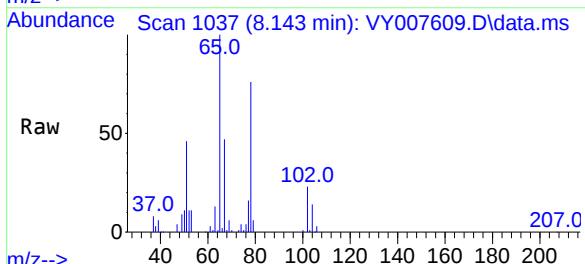
Acq: 23 Feb 2022 19:40

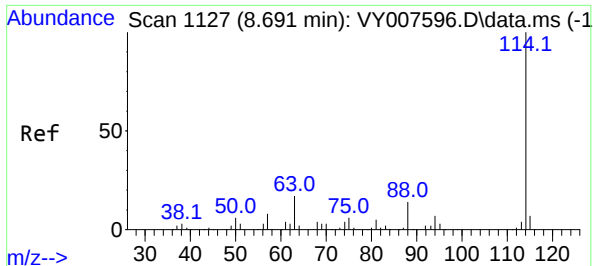
Tgt Ion: 65 Resp: 51646

Ion Ratio Lower Upper

65 100

67 50.4 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: VY007609.D

Acq: 23 Feb 2022 19:40

Instrument :

MSVOA_Y

ClientSampleId :

D15-10.5

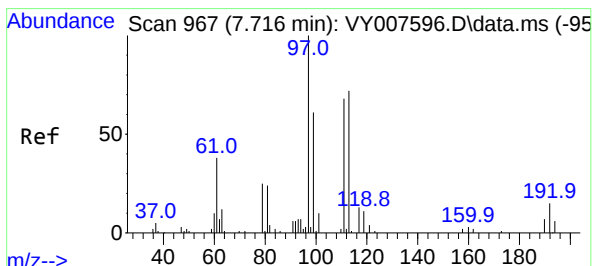
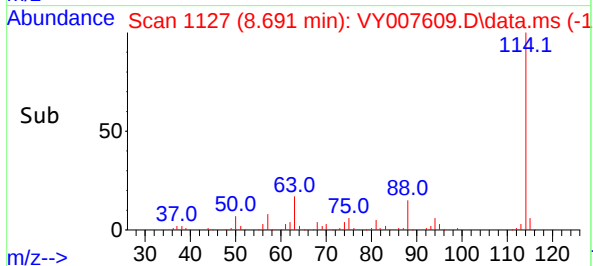
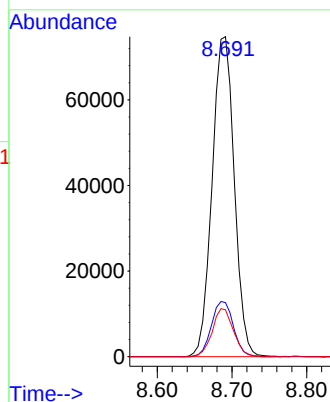
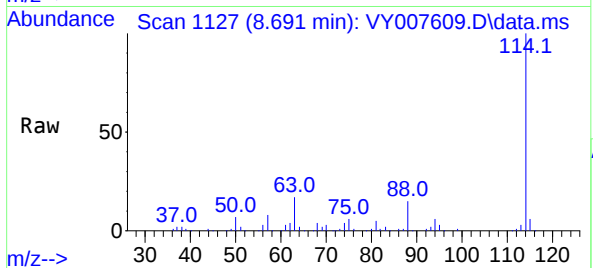
Tgt Ion:114 Resp: 154009

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.040 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007609.D

Acq: 23 Feb 2022 19:40

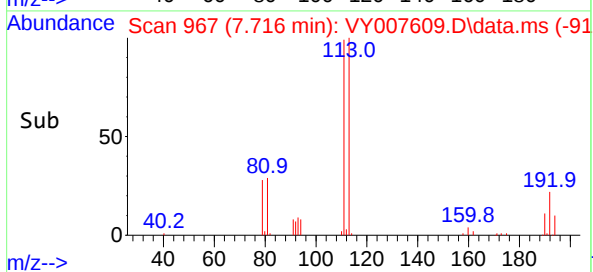
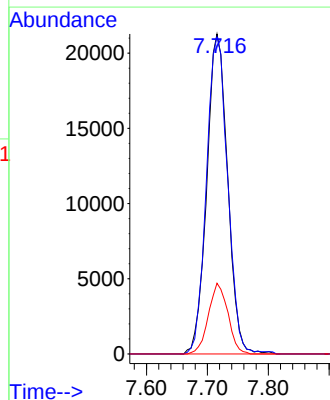
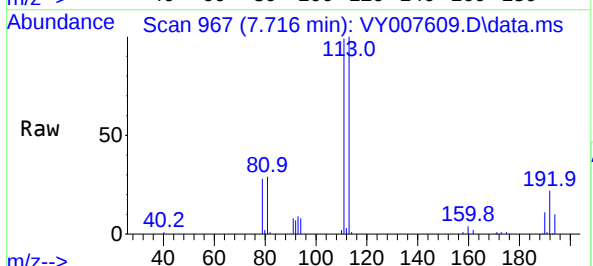
Tgt Ion:113 Resp: 50571

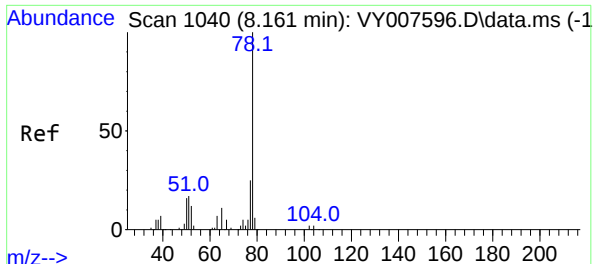
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 20.7 17.6 26.4

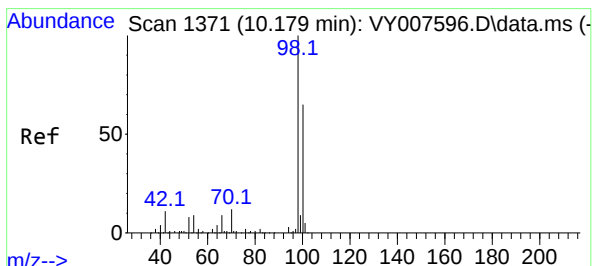
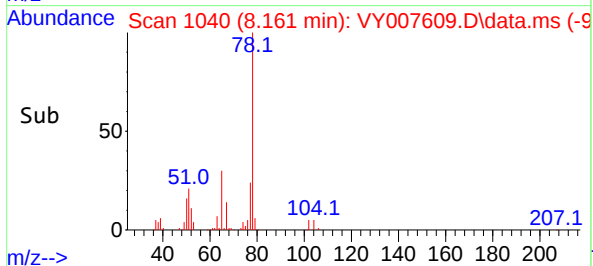
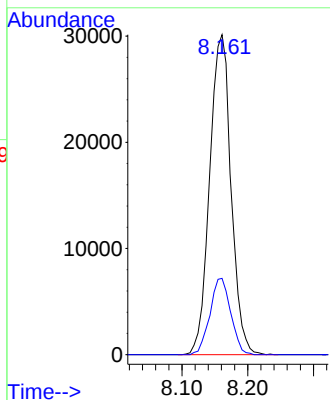
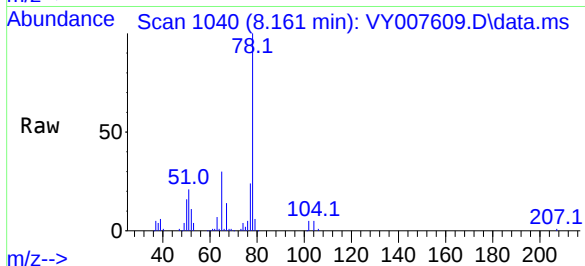




#40
Benzene
Concen: 17.057 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

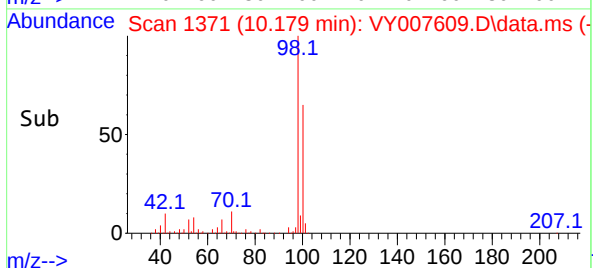
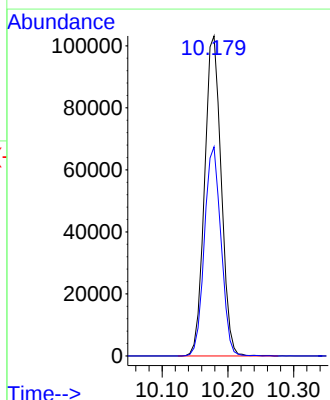
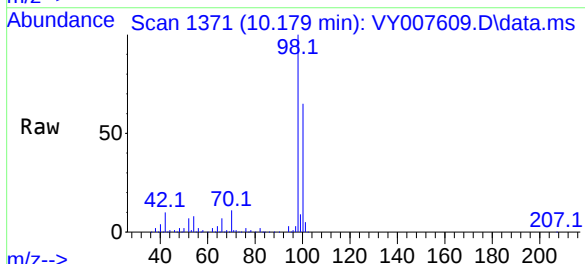
Instrument :
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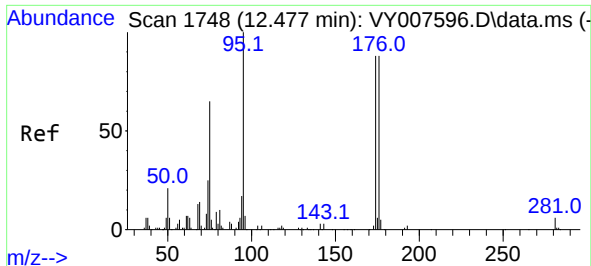
Tgt Ion: 78 Resp: 68151
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6



#50
Toluene-d8
Concen: 50.384 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

Tgt Ion: 98 Resp: 181263
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

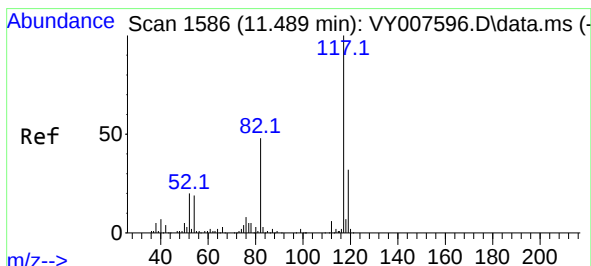
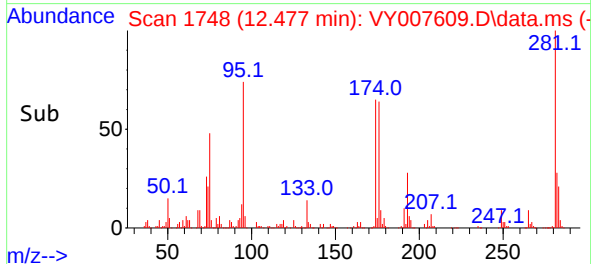
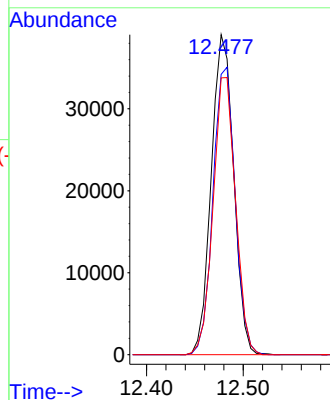
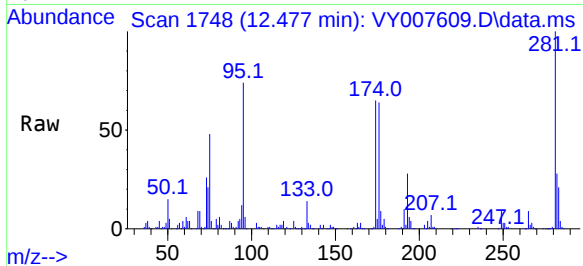




#62
4-Bromofluorobenzene
Concen: 51.133 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

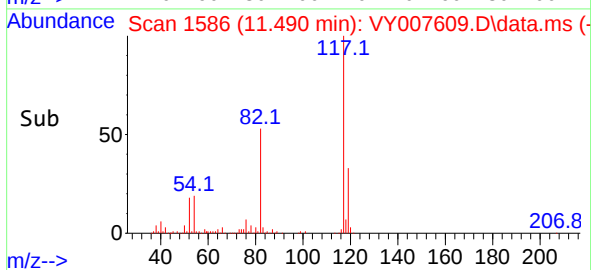
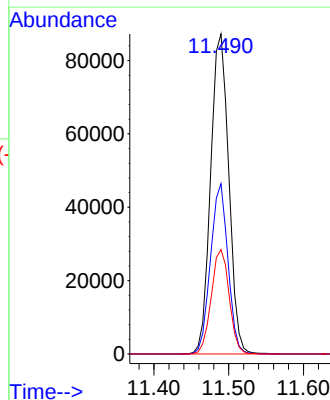
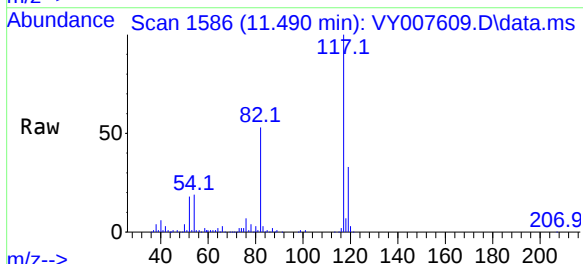
Instrument :
MSVOA_Y
ClientSampleId :
D15-10.5

Tgt Ion: 95 Resp: 62830
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 86.8 0.0 175.8

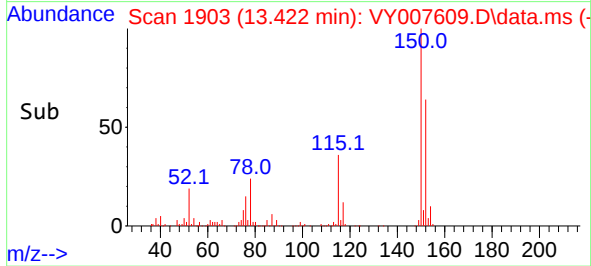
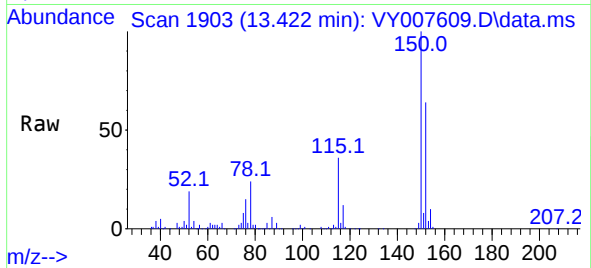
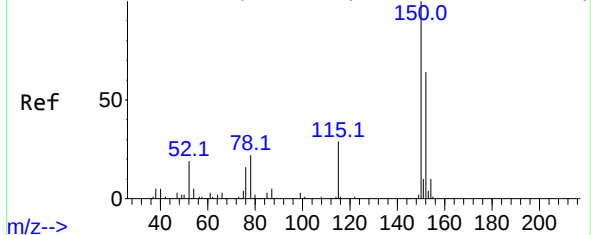


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

Tgt Ion: 117 Resp: 146980
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.6 25.4 38.0



Abundance Scan 1903 (13.422 min): VY007596.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007609.D
Acq: 23 Feb 2022 19:40

Instrument :
MSVOA_Y
ClientSampleId :
D15-10.5

Tgt Ion:	152	Resp:	62357
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.2	84.7
150	158.5	0.0	347.6

