

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007625.D
 Acq On : 24 Feb 2022 18:14
 Operator : SY/MD
 Sample : N1584-14
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D16-12.5

Quant Time: Feb 25 05:43:51 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)

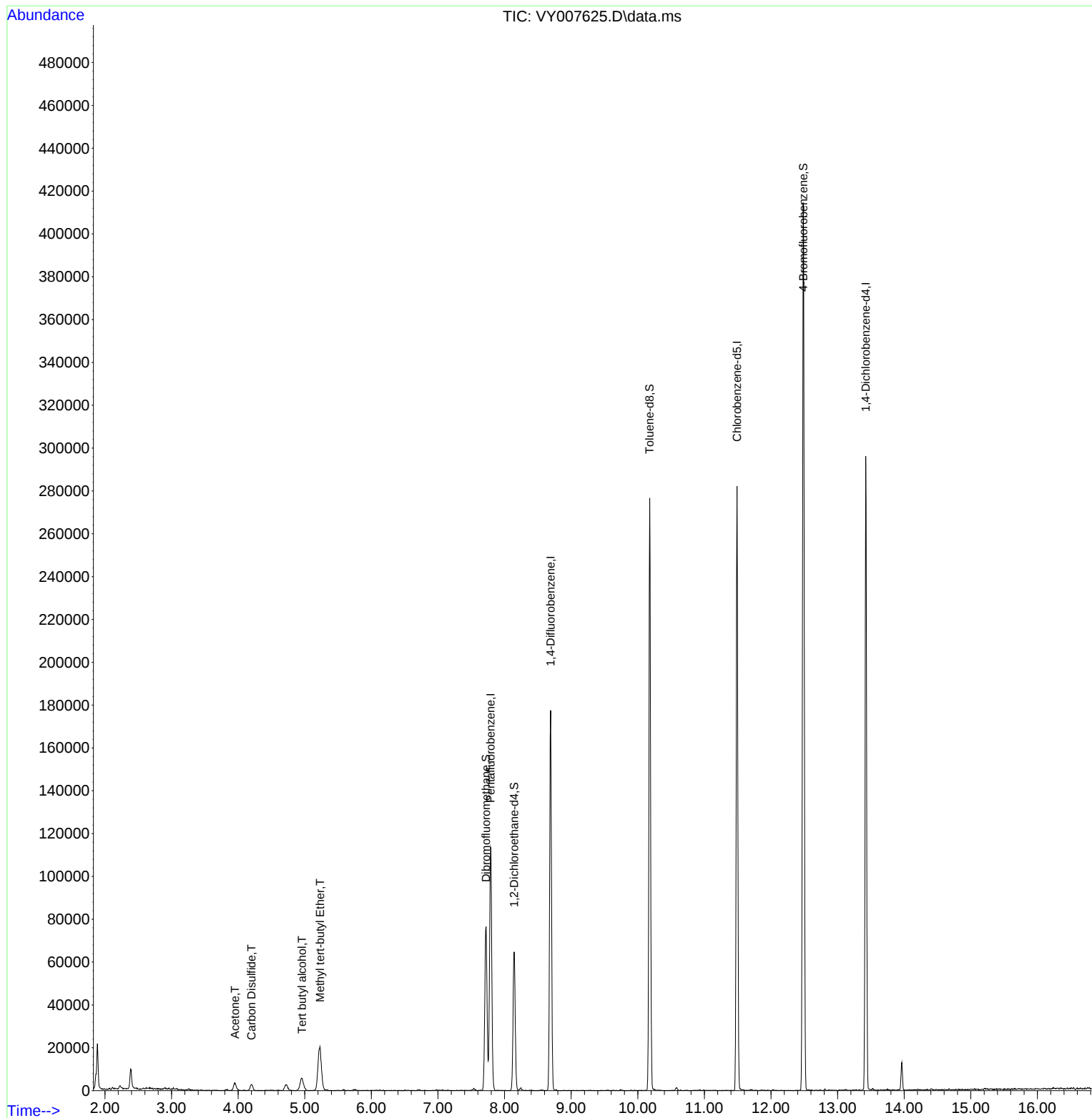
Internal Standards						
1) Pentafluorobenzene	7.789	168	89597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	152288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52799	52.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.940%	
35) Dibromofluoromethane	7.722	113	50023	51.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.160%	
50) Toluene-d8	10.179	98	181141	50.452	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.483	95	65360	53.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	12371	123.232	ug/l #	95
16) Acetone	3.954	43	6337	27.917	ug/l	99
17) Carbon Disulfide	4.198	76	5885	2.340	ug/l	96
19) Methyl tert-butyl Ether	5.229	73	39129	14.386	ug/l #	85

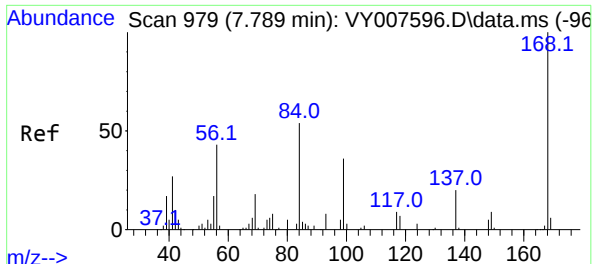
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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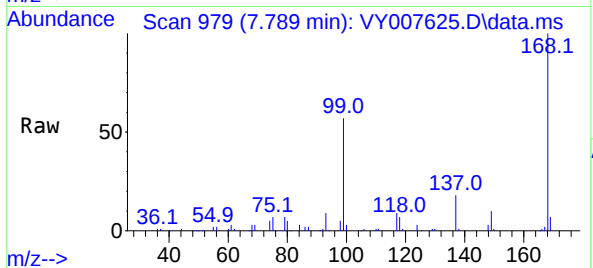
Quant Time: Feb 25 05:43:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
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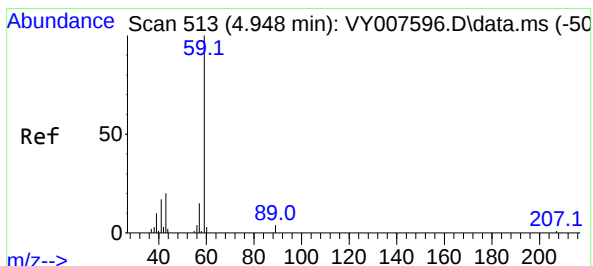
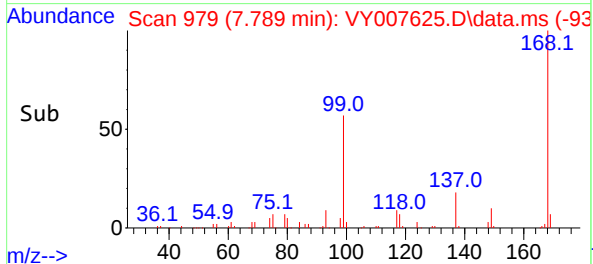
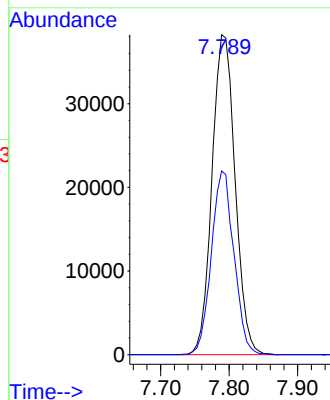


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007625.D
Acq: 24 Feb 2022 18:14

Instrument :
MSVOA_Y
ClientSampleId :
D16-12.5

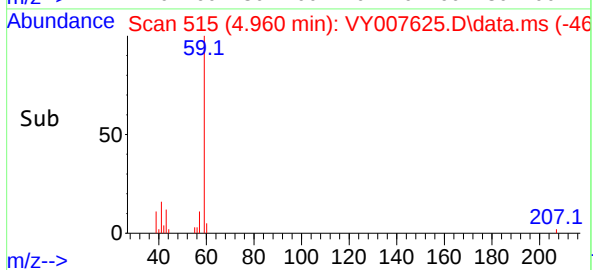
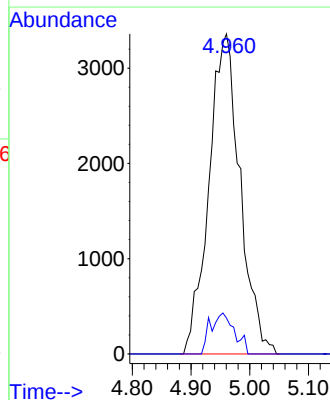
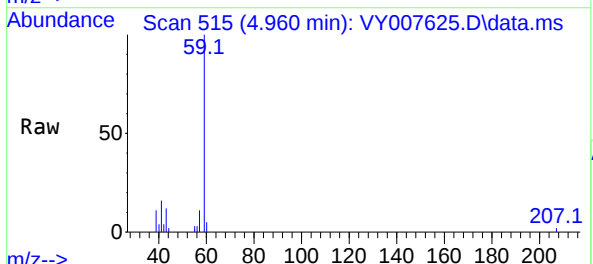


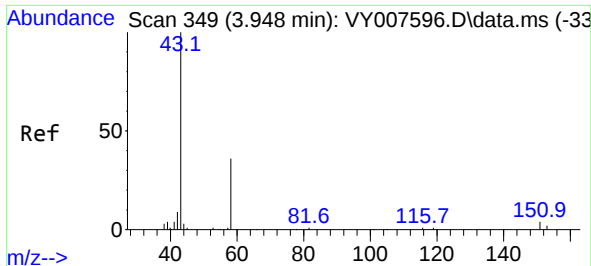
Tgt Ion:168 Resp: 89597
Ion Ratio Lower Upper
168 100
99 57.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 123.232 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY007625.D
Acq: 24 Feb 2022 18:14

Tgt Ion: 59 Resp: 12371
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6#

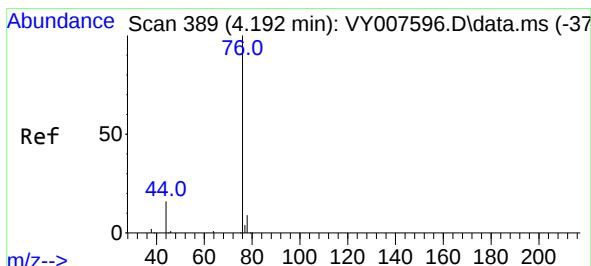
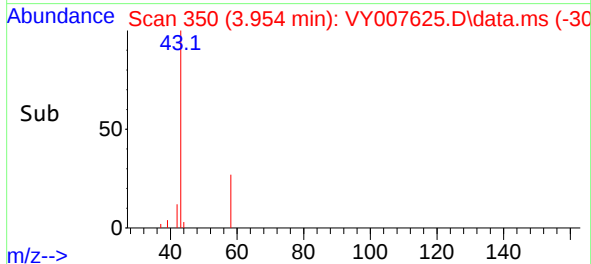
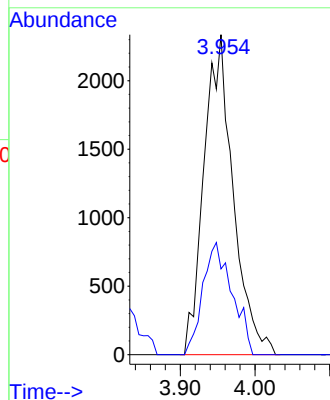
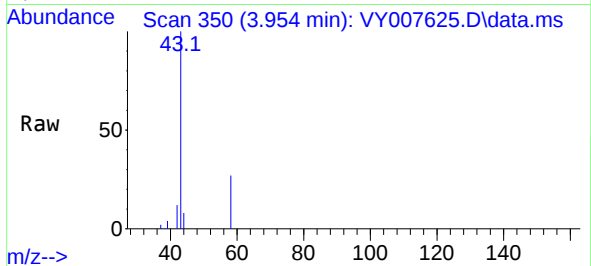




#16
Acetone
Concen: 27.917 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007625.D
Acq: 24 Feb 2022 18:14

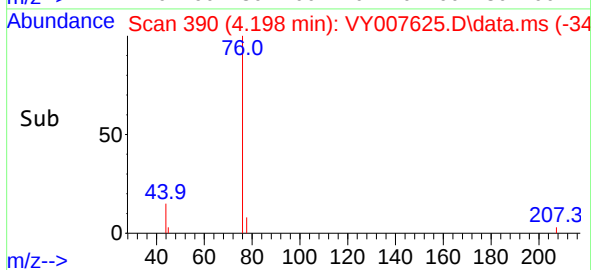
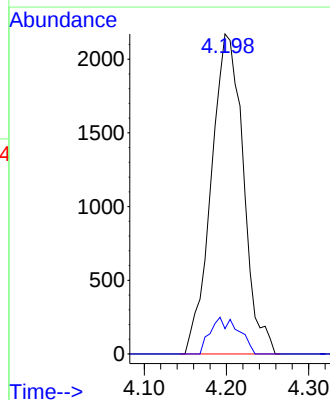
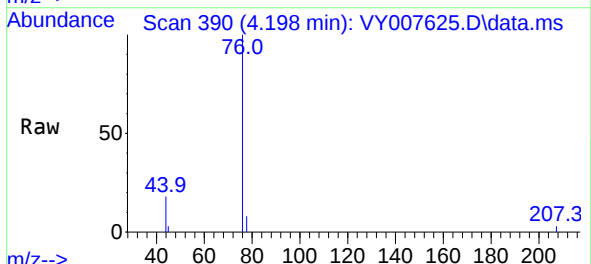
Instrument :
MSVOA_Y
ClientSampleId :
D16-12.5

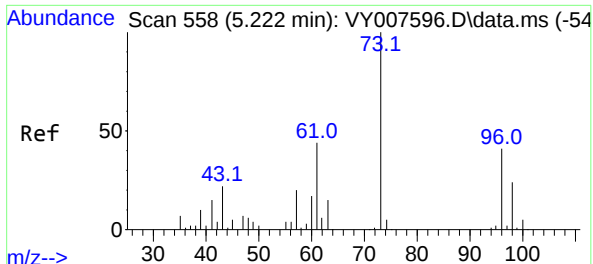
Tgt Ion: 43 Resp: 6337
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0



#17
Carbon Disulfide
Concen: 2.340 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007625.D
Acq: 24 Feb 2022 18:14

Tgt Ion: 76 Resp: 5885
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0





#19

Methyl tert-butyl Ether

Concen: 14.386 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY007625.D

Acq: 24 Feb 2022 18:14

Instrument :

MSVOA_Y

ClientSampleId :

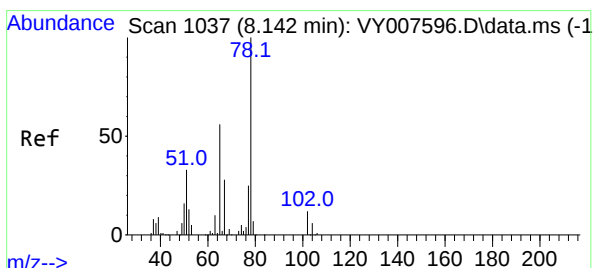
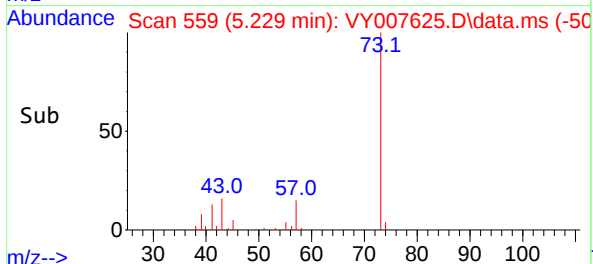
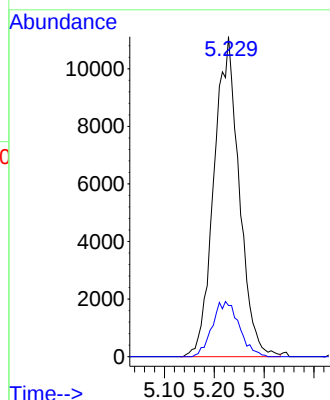
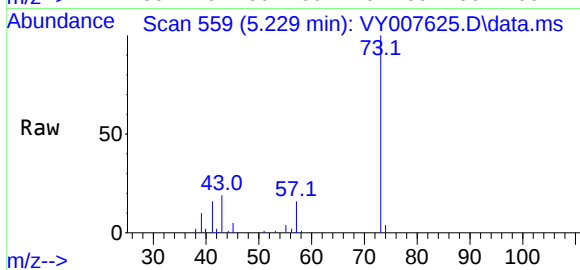
D16-12.5

Tgt Ion: 73 Resp: 39129

Ion Ratio Lower Upper

73 100

57 16.0 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 52.972 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY007625.D

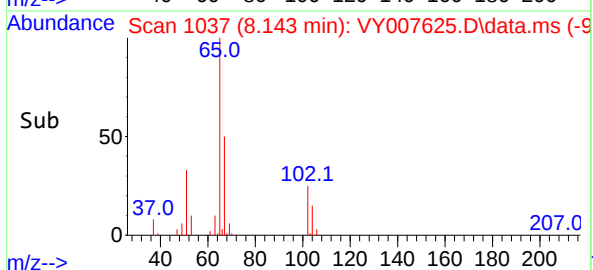
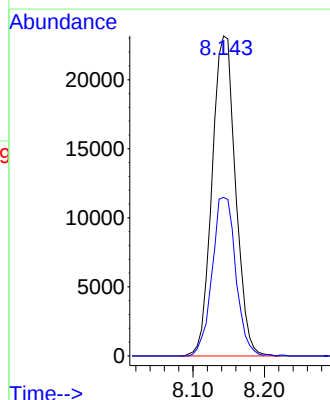
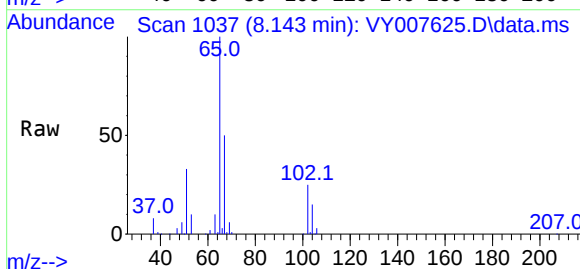
Acq: 24 Feb 2022 18:14

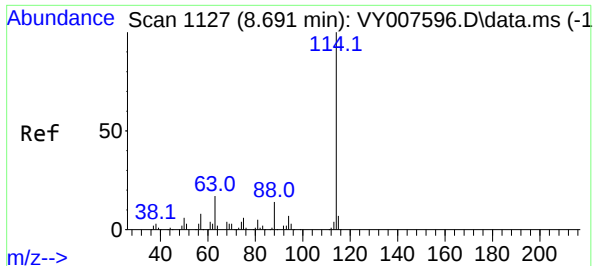
Tgt Ion: 65 Resp: 52799

Ion Ratio Lower Upper

65 100

67 50.0 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: VY007625.D

Acq: 24 Feb 2022 18:14

Instrument :

MSVOA_Y

ClientSampleId :

D16-12.5

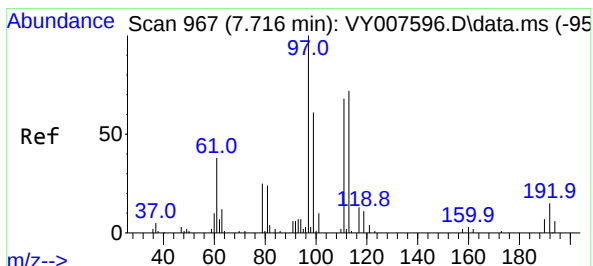
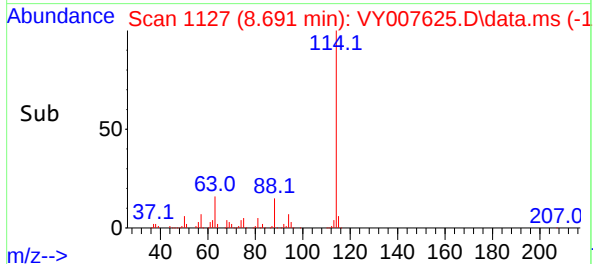
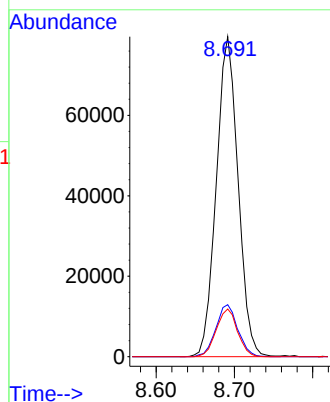
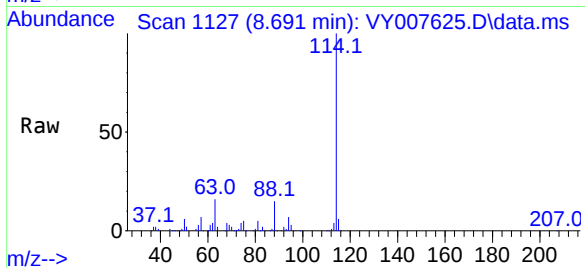
Tgt Ion:114 Resp: 153683

Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.585 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007625.D

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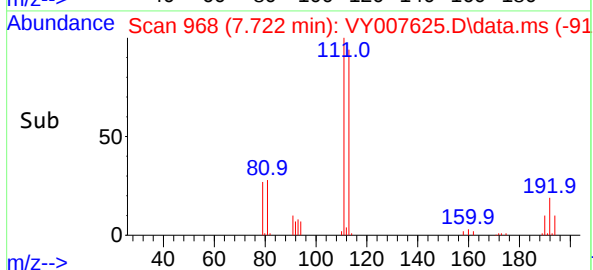
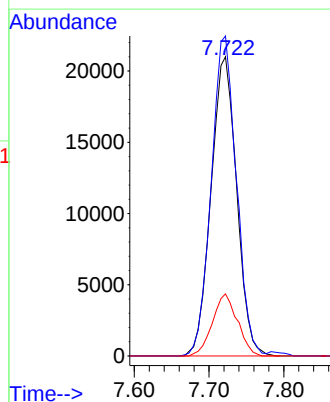
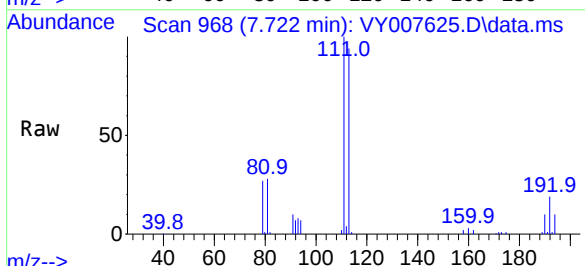
Tgt Ion:113 Resp: 50023

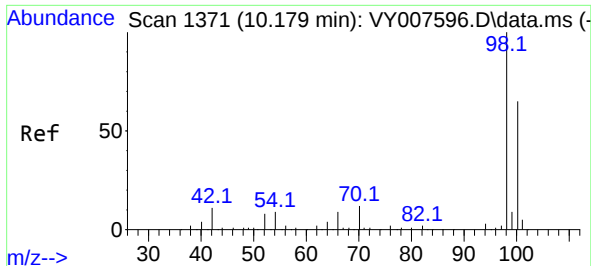
Ion Ratio Lower Upper

113 100

111 104.9 82.6 124.0

192 20.3 17.6 26.4

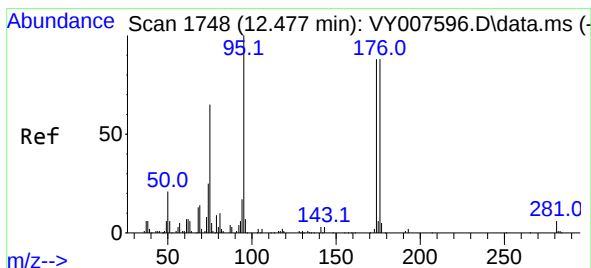
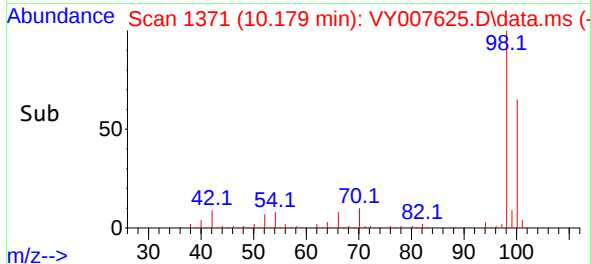
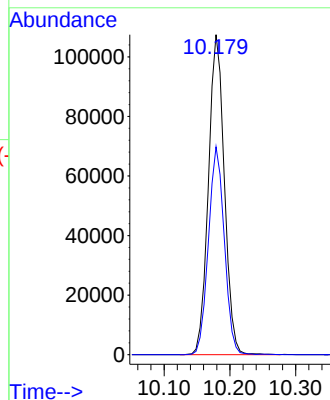
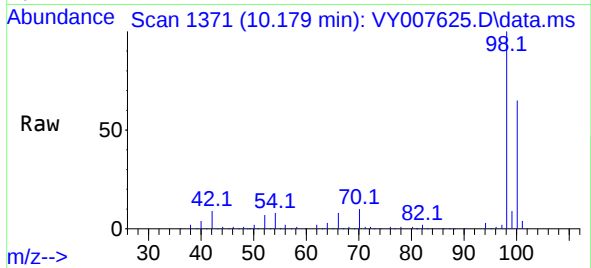




#50
Toluene-d8
Concen: 50.452 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007625.D
Acq: 24 Feb 2022 18:14

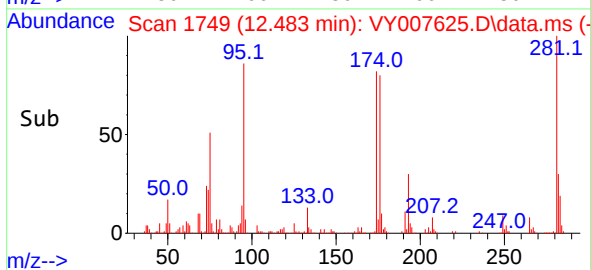
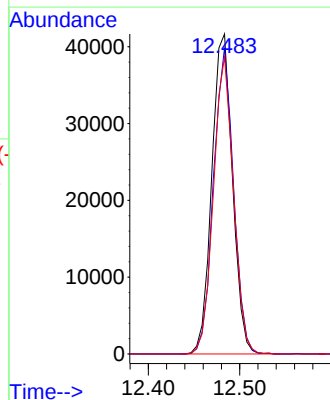
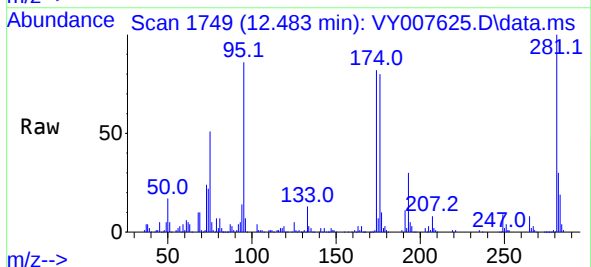
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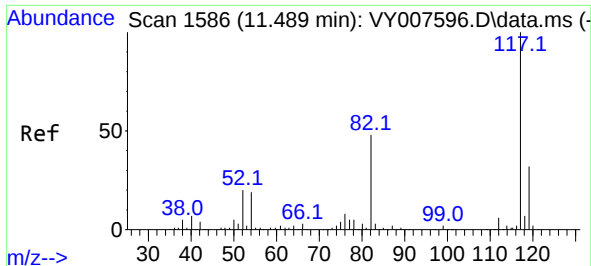
Tgt Ion: 98 Resp: 181141
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007625.D
Acq: 24 Feb 2022 18:14

Tgt Ion: 95 Resp: 65360
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 90.3 0.0 175.8

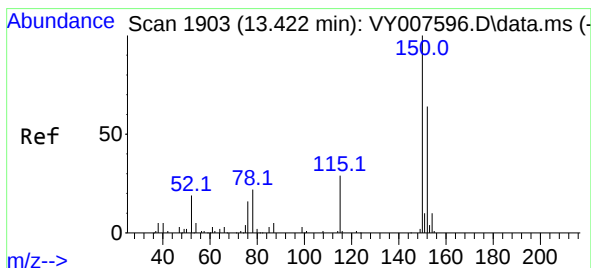
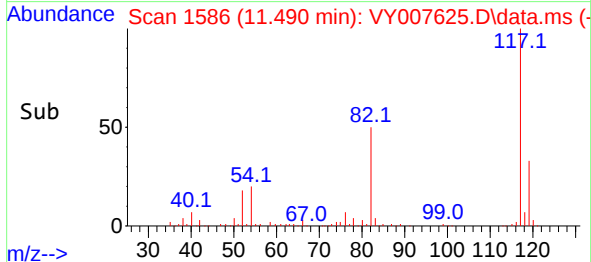
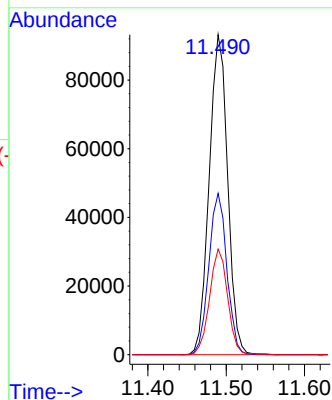
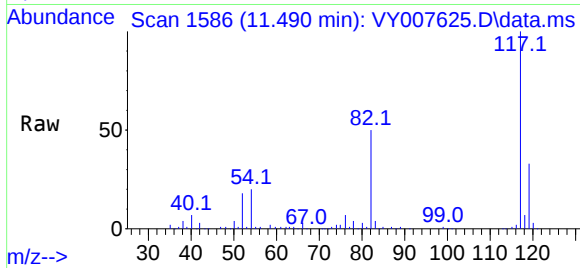




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007625.D
Acq: 24 Feb 2022 18:14

Instrument :
MSVOA_Y
ClientSampleId :
D16-12.5

Tgt Ion:117 Resp: 152288
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 33.0 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: VY007625.D
Acq: 24 Feb 2022 18:14

Tgt Ion:152 Resp: 72989
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 158.5 0.0 347.6

