

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013032.D
 Acq On : 21 Mar 2023 17:09
 Operator : KP/MD
 Sample : 02020-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1RE

Quant Time: Mar 22 04:22:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

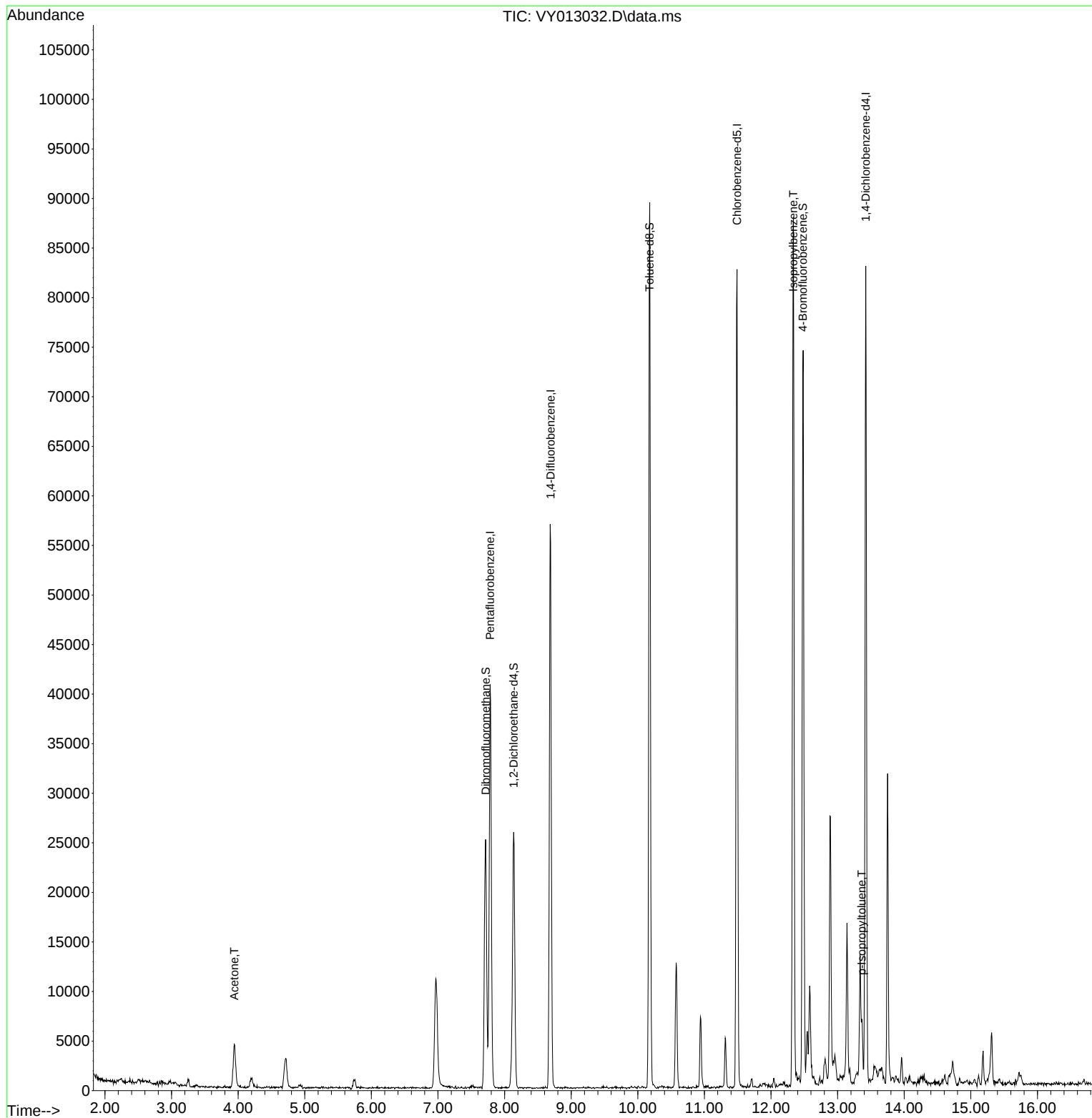
Internal Standards						
1) Pentafluorobenzene	7.783	168	30703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	48102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19119	62.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.440%	
35) Dibromofluoromethane	7.716	113	17551	60.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.920%	
50) Toluene-d8	10.179	98	58933	55.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.060%	
62) 4-Bromofluorobenzene	12.477	95	19247	53.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	7681	64.194	ug/l	89
73) Isopropylbenzene	12.337	105	3955	2.710	ug/l #	68
86) p-Isopropyltoluene	13.361	119	3295	2.543	ug/l #	74

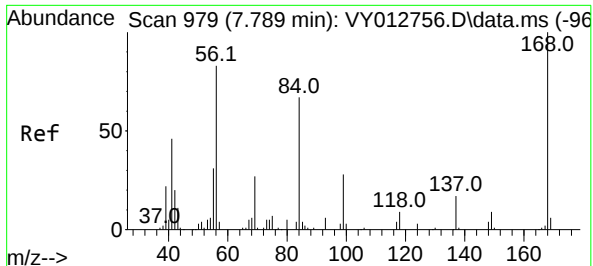
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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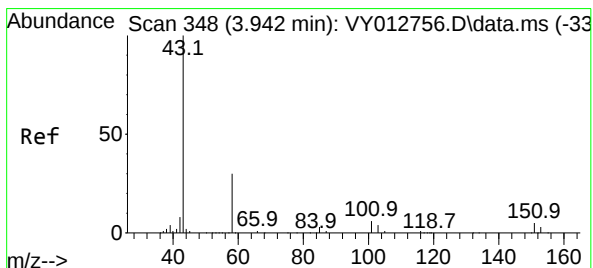
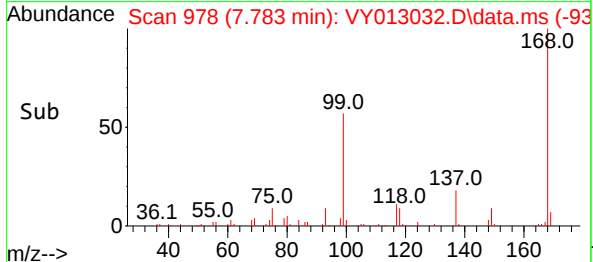
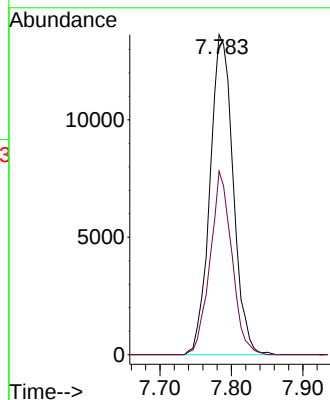
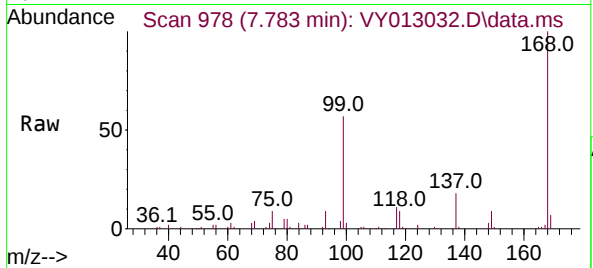




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013032.D
Acq: 21 Mar 2023 17:09

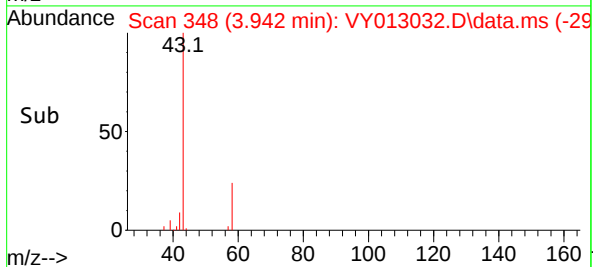
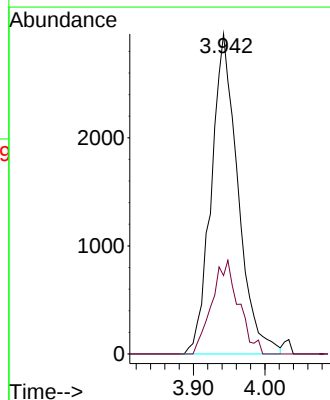
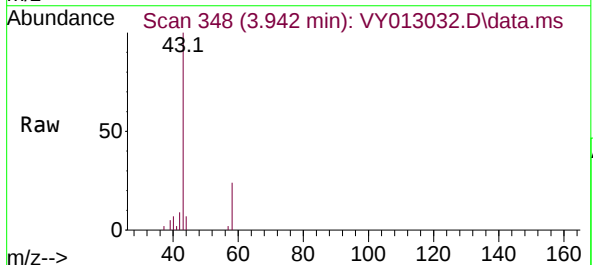
Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

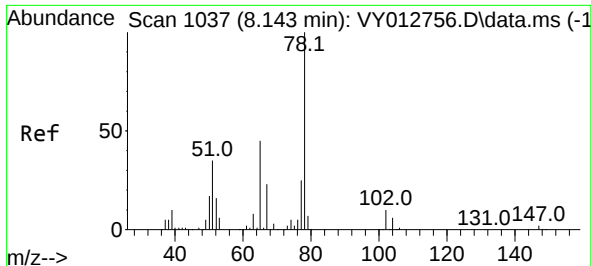
Tgt Ion:168 Resp: 30703
Ion Ratio Lower Upper
168 100
99 57.3 41.7 62.5



#16
Acetone
Concen: 64.194 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013032.D
Acq: 21 Mar 2023 17:09

Tgt Ion: 43 Resp: 7681
Ion Ratio Lower Upper
43 100
58 24.5 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 62.718 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY013032.D

Acq: 21 Mar 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

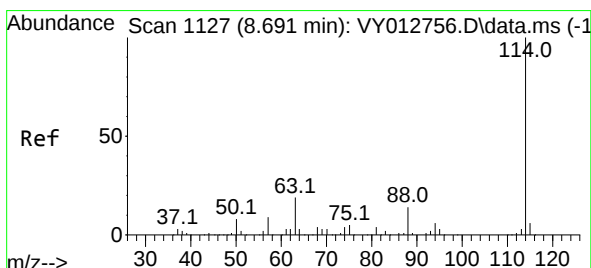
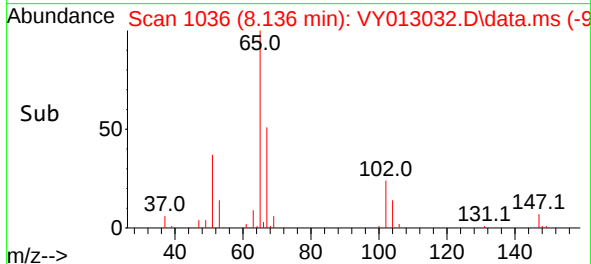
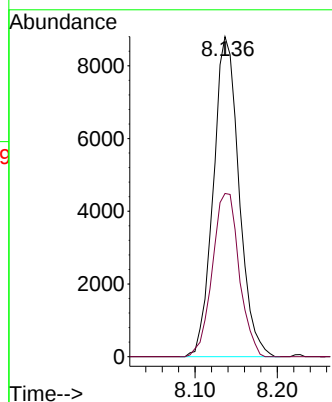
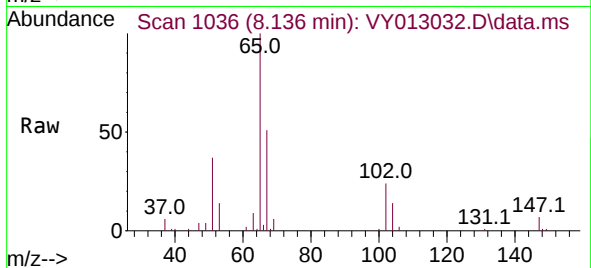
SP-1RE

Tgt Ion: 65 Resp: 19119

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013032.D

Acq: 21 Mar 2023 17:09

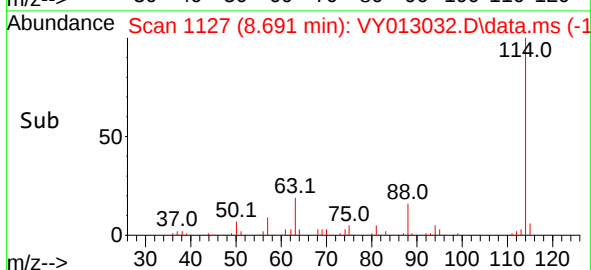
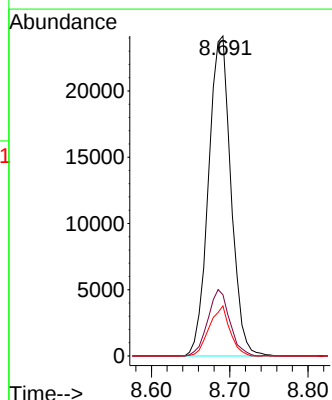
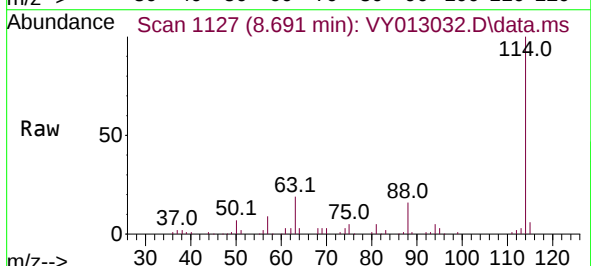
Tgt Ion: 114 Resp: 48102

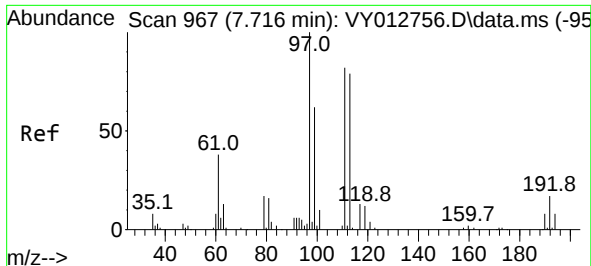
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 60.459 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013032.D

Acq: 21 Mar 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

SP-1RE

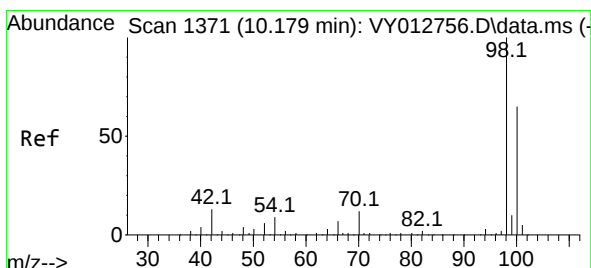
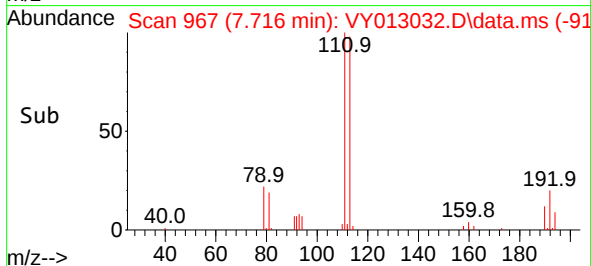
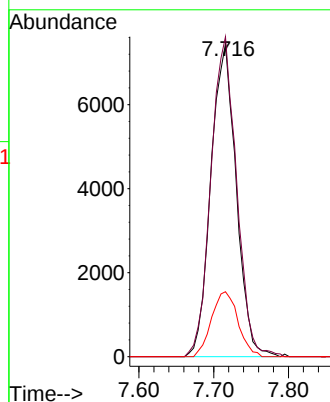
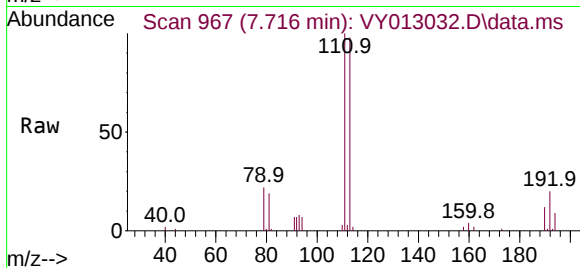
Tgt Ion:113 Resp: 17551

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 21.7 16.8 25.2



#50

Toluene-d8

Concen: 55.531 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013032.D

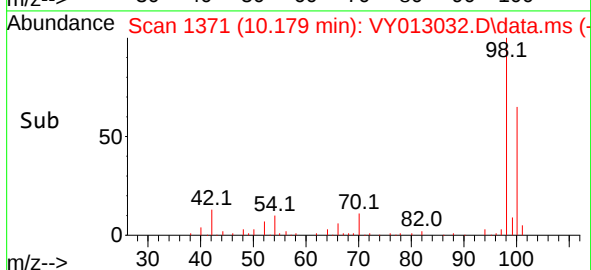
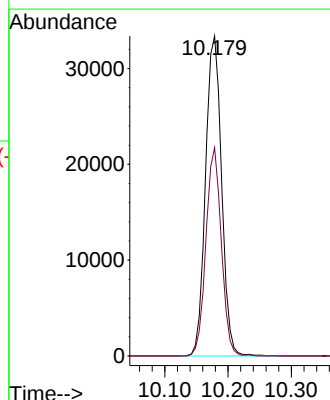
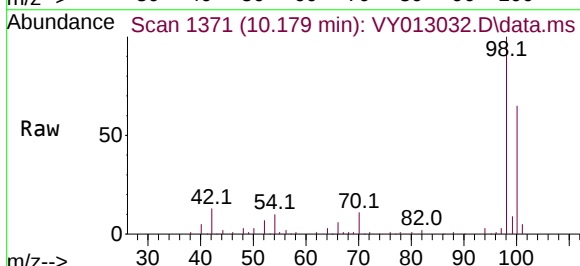
Acq: 21 Mar 2023 17:09

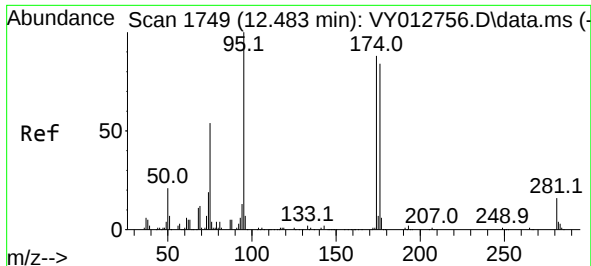
Tgt Ion: 98 Resp: 58933

Ion Ratio Lower Upper

98 100

100 62.5 50.9 76.3

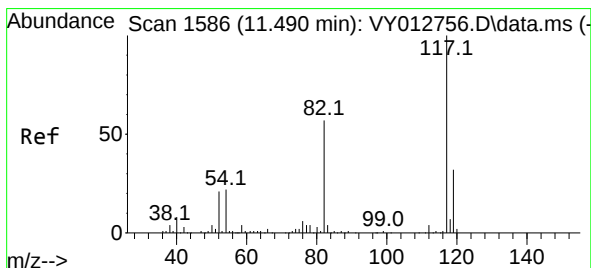
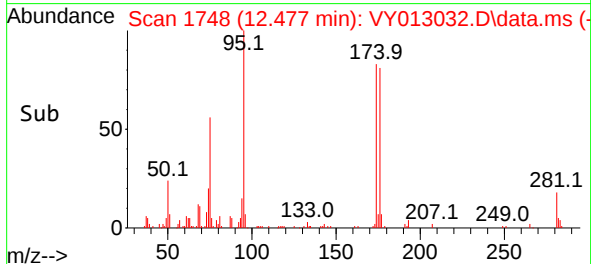
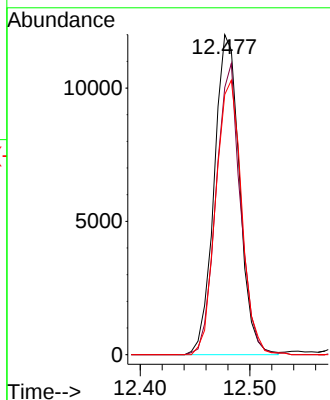
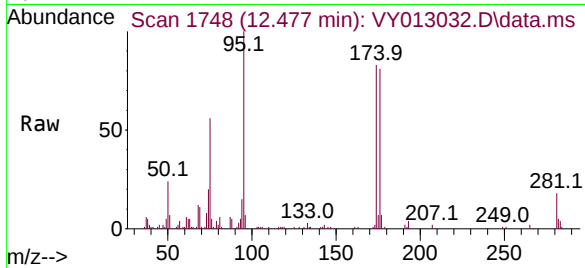




#62
4-Bromofluorobenzene
Concen: 53.732 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013032.D
Acq: 21 Mar 2023 17:09

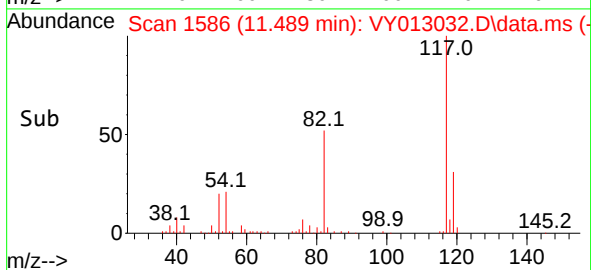
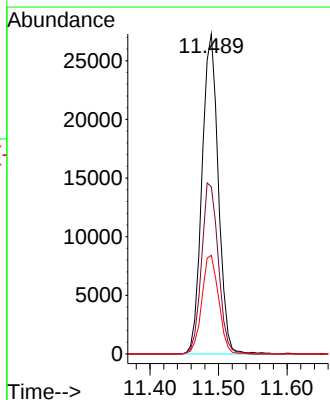
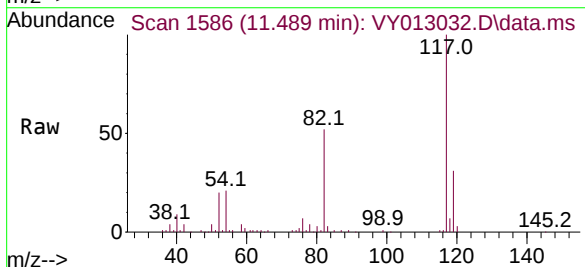
Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

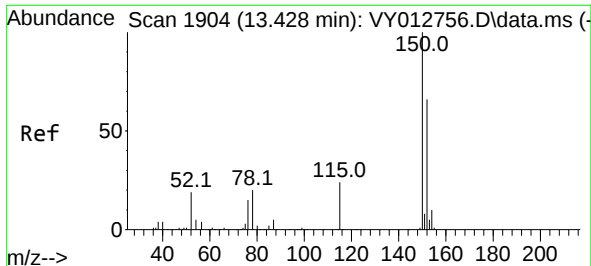
Tgt Ion: 95 Resp: 19247
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 87.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013032.D
Acq: 21 Mar 2023 17:09

Tgt Ion: 117 Resp: 45289
Ion Ratio Lower Upper
117 100
82 52.3 45.4 68.0
119 30.8 25.6 38.4

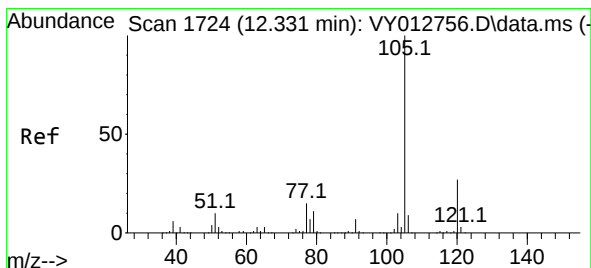
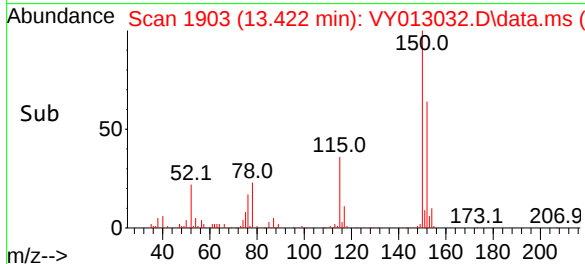
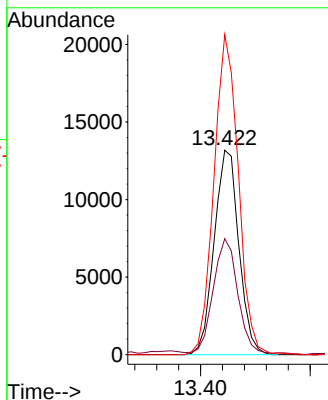
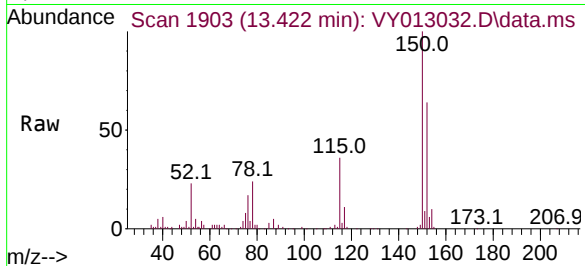




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013032.D
Acq: 21 Mar 2023 17:09

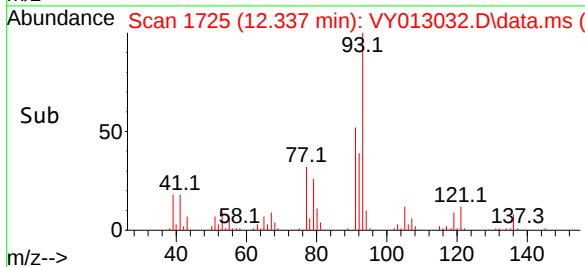
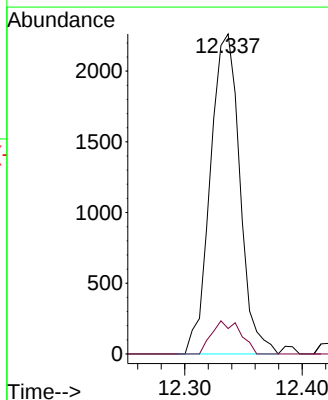
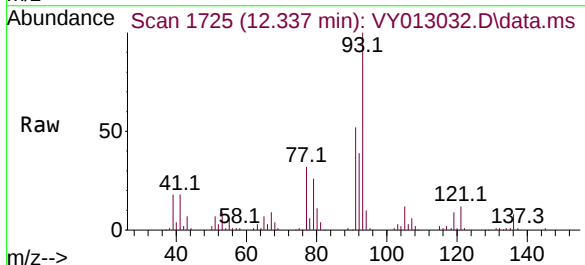
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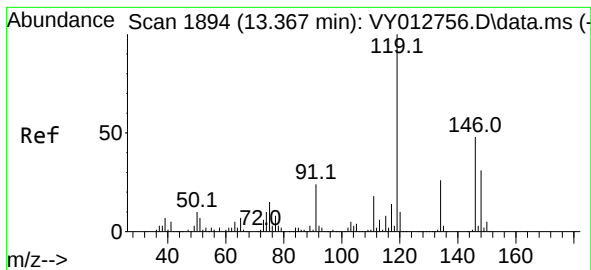
Tgt Ion:152 Resp: 20590
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 155.2 0.0 347.8



#73
Isopropylbenzene
Concen: 2.710 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY013032.D
Acq: 21 Mar 2023 17:09

Tgt Ion:105 Resp: 3955
Ion Ratio Lower Upper
105 100
120 10.1 13.4 40.2#





#86
 p-Isopropyltoluene
 Concen: 2.543 ug/l
 RT: 13.361 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VY013032.D
 Acq: 21 Mar 2023 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1RE

Tgt Ion:119 Resp: 3295
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.2 39.6
 91 0.0 11.8 35.3#

