

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012463.D
 Acq On : 02 Feb 2023 18:11
 Operator : KP/MD
 Sample : 01383-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2876

Quant Time: Feb 03 03:13:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

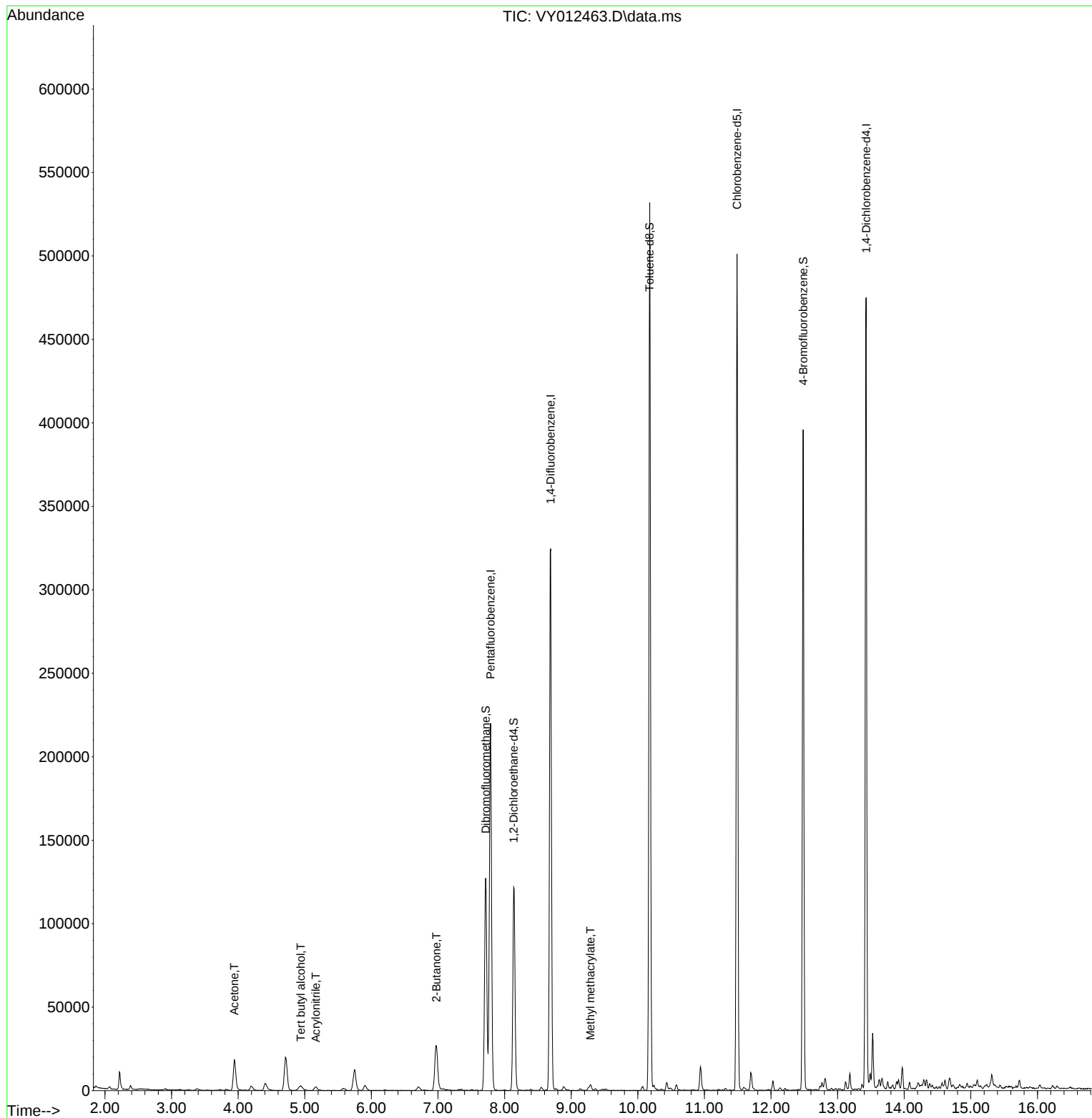
Internal Standards						
1) Pentafluorobenzene	7.789	168	173380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101552	72.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.860%	
35) Dibromofluoromethane	7.716	113	87155	56.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.320%	
50) Toluene-d8	10.179	98	346775	66.490	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.980%	
62) 4-Bromofluorobenzene	12.483	95	114019	52.578	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.160%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	5168	18.923	ug/l #	89
15) Acrylonitrile	5.167	53	3156	7.620	ug/l	98
16) Acetone	3.942	43	30872	63.946	ug/l	95
25) 2-Butanone	6.978	43	4469	8.385	ug/l	98
48) Methyl methacrylate	9.289	41	1999	2.023	ug/l	86

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

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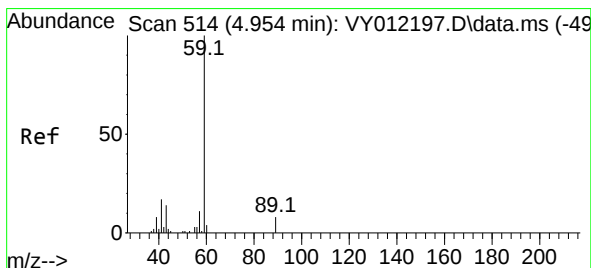
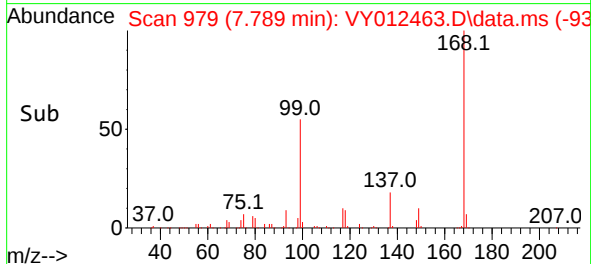
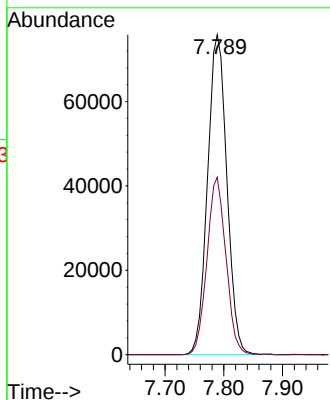
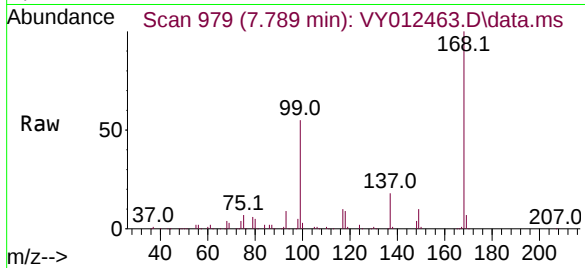




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012463.D
Acq: 02 Feb 2023 18:11

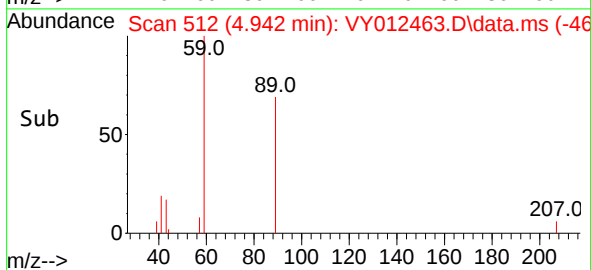
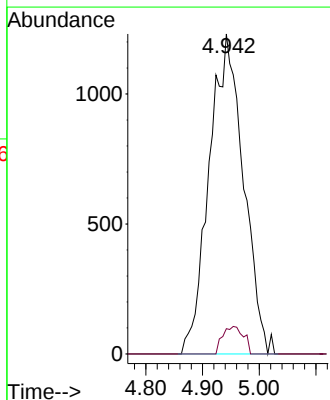
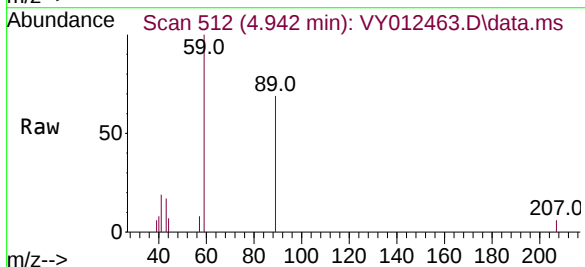
Instrument :
MSVOA_Y
ClientSampleId :
2876

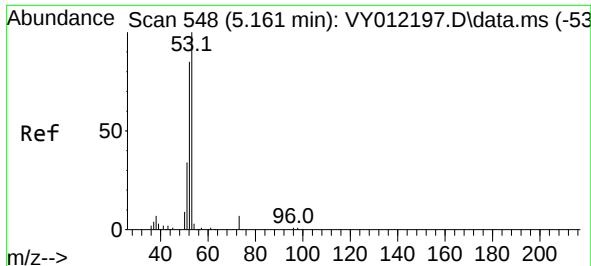
Tgt Ion:168 Resp: 173380
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#11
Tert butyl alcohol
Concen: 18.923 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012463.D
Acq: 02 Feb 2023 18:11

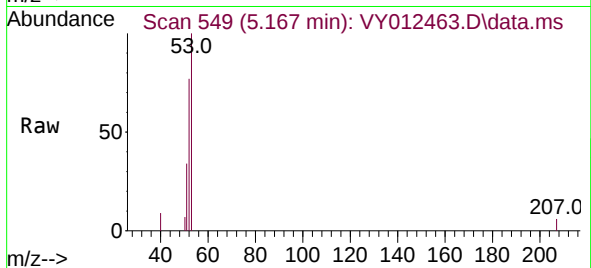
Tgt Ion: 59 Resp: 5168
Ion Ratio Lower Upper
59 100
57 5.2 7.4 11.2#



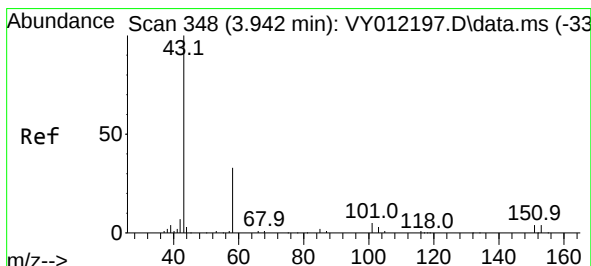
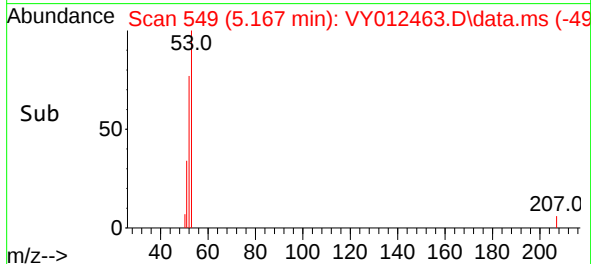
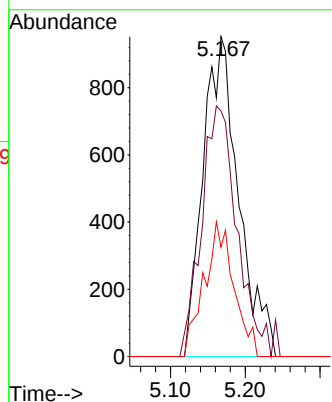


#15
Acrylonitrile
Concen: 7.620 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY012463.D
Acq: 02 Feb 2023 18:11

Instrument :
MSVOA_Y
ClientSampleId :
2876

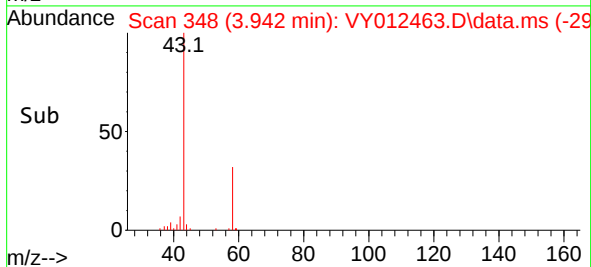
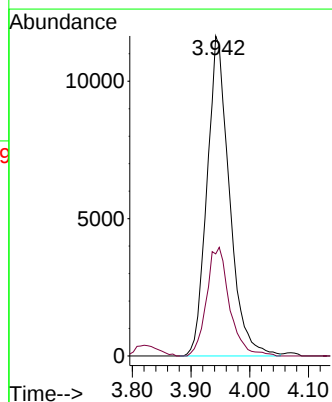
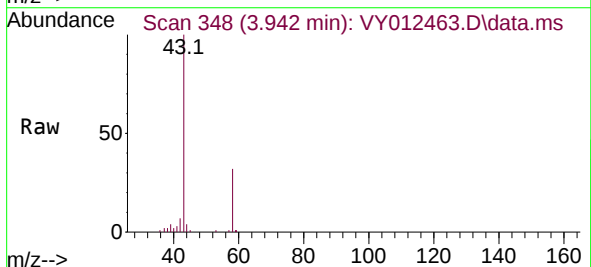


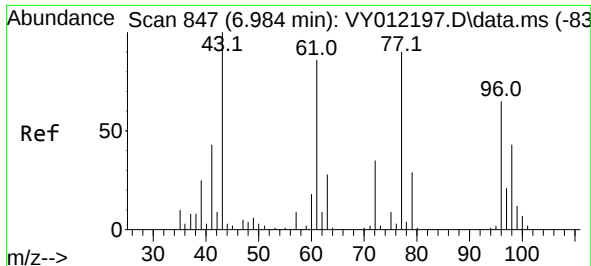
Tgt Ion: 53 Resp: 3156
Ion Ratio Lower Upper
53 100
52 79.3 65.1 97.7
51 35.0 28.7 43.1



#16
Acetone
Concen: 63.946 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012463.D
Acq: 02 Feb 2023 18:11

Tgt Ion: 43 Resp: 30872
Ion Ratio Lower Upper
43 100
58 31.9 27.9 41.9

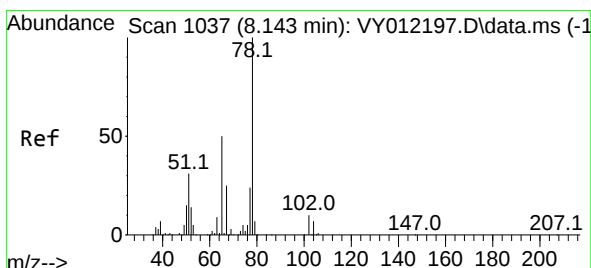
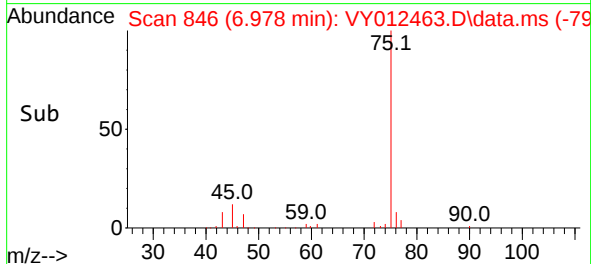
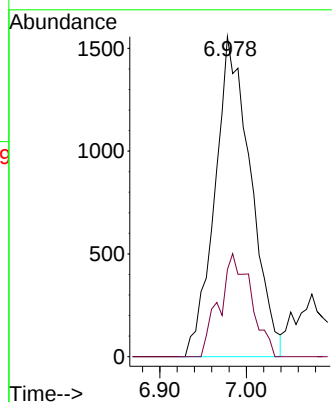
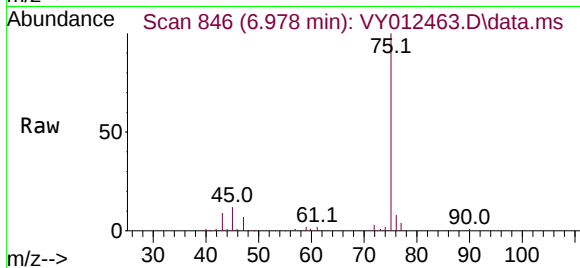




#25
2-Butanone
Concen: 8.385 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY012463.D
Acq: 02 Feb 2023 18:11

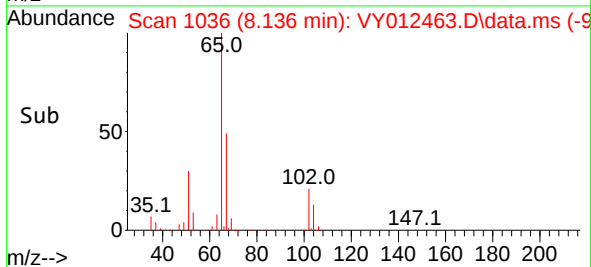
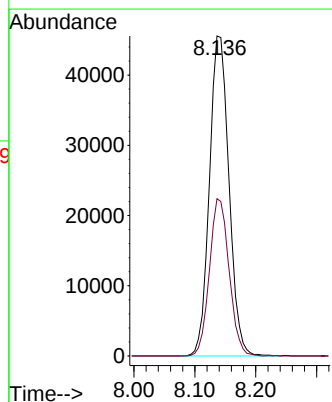
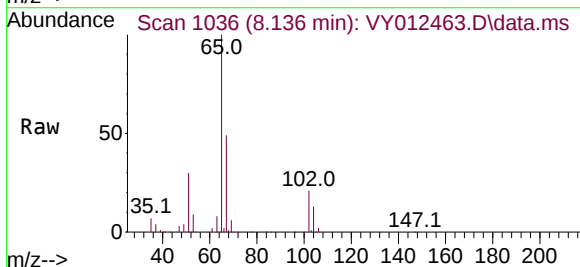
Instrument :
MSVOA_Y
ClientSampleId :
2876

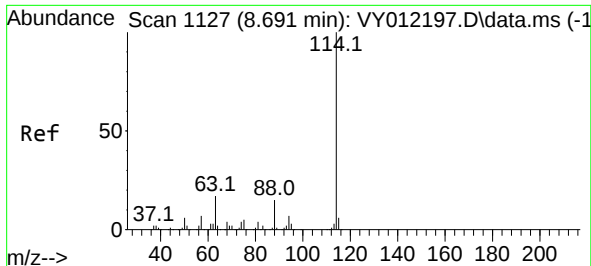
Tgt Ion: 43 Resp: 4469
Ion Ratio Lower Upper
43 100
72 27.2 22.6 34.0



#33
1,2-Dichloroethane-d4
Concen: 72.427 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012463.D
Acq: 02 Feb 2023 18:11

Tgt Ion: 65 Resp: 101552
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012463.D

Acq: 02 Feb 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

2876

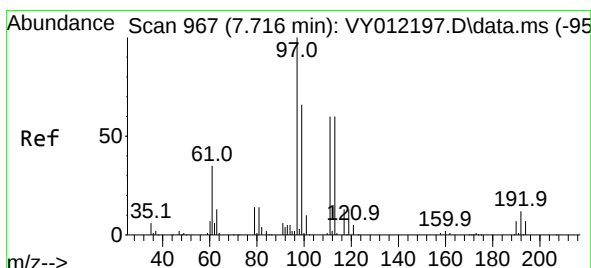
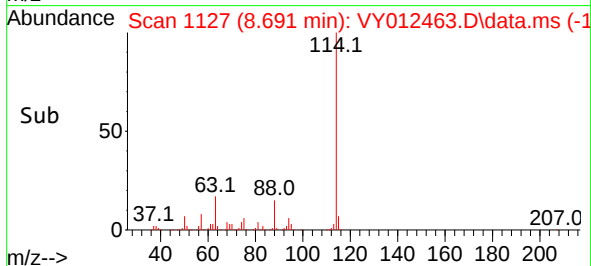
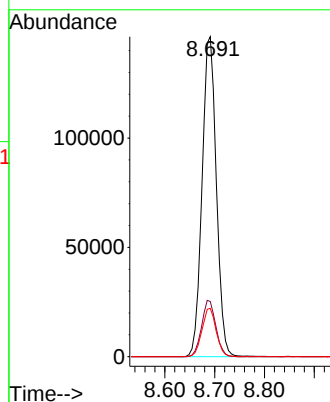
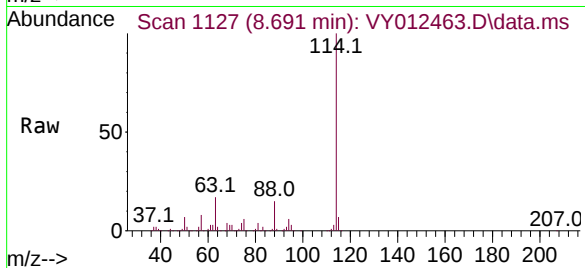
Tgt Ion:114 Resp: 290523

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.656 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012463.D

Acq: 02 Feb 2023 18:11

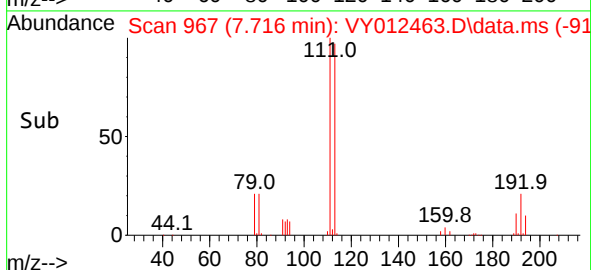
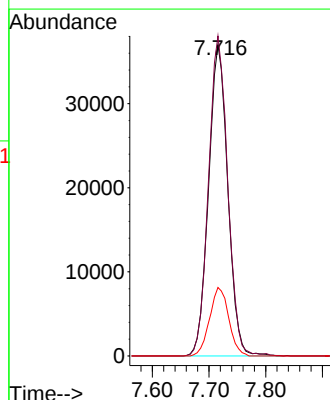
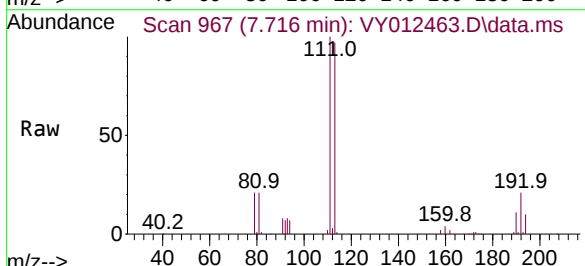
Tgt Ion:113 Resp: 87155

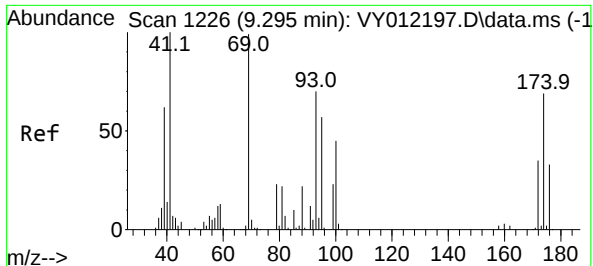
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 21.9 16.0 24.0





#48

Methyl methacrylate

Concen: 2.023 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012463.D

Acq: 02 Feb 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

2876

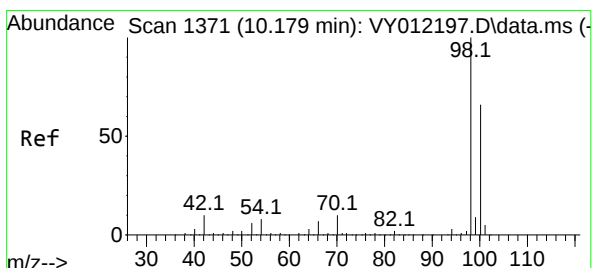
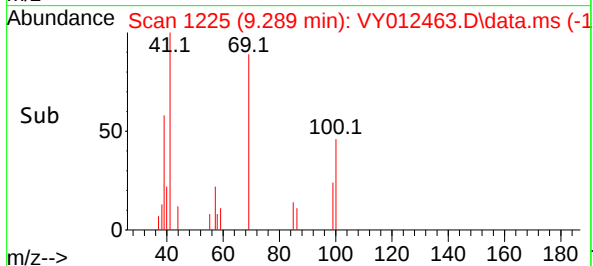
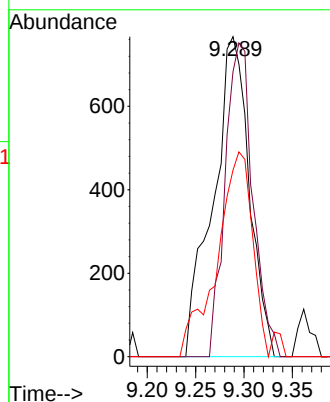
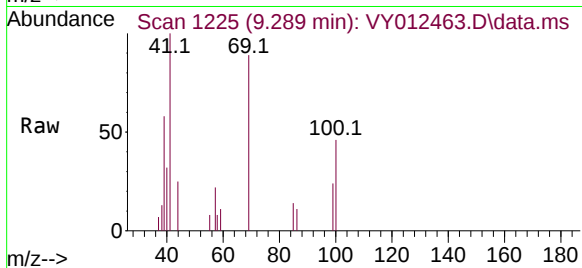
Tgt Ion: 41 Resp: 1999

Ion Ratio Lower Upper

41 100

69 75.3 74.2 111.2

39 62.5 46.3 69.5



#50

Toluene-d8

Concen: 66.490 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012463.D

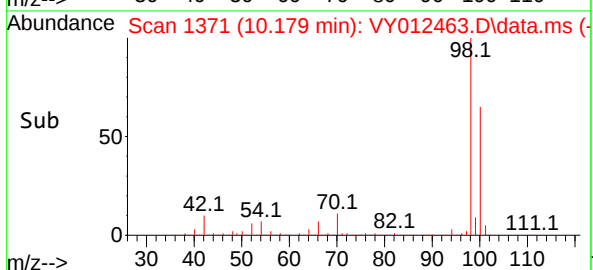
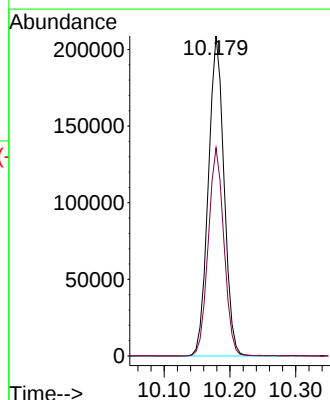
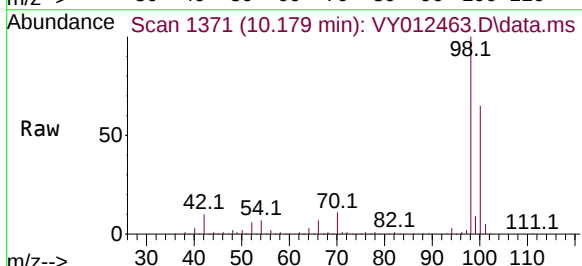
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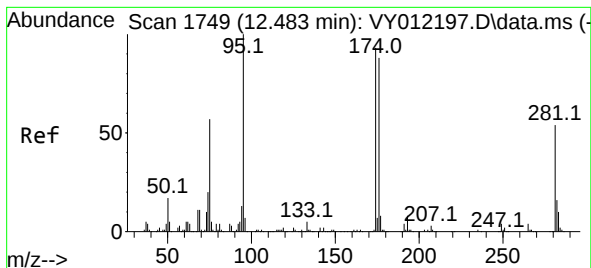
Tgt Ion: 98 Resp: 346775

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

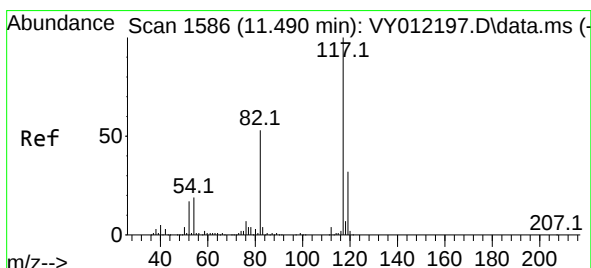
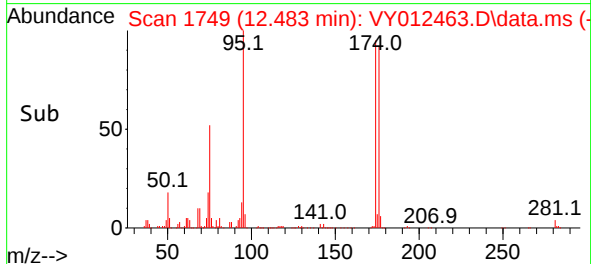
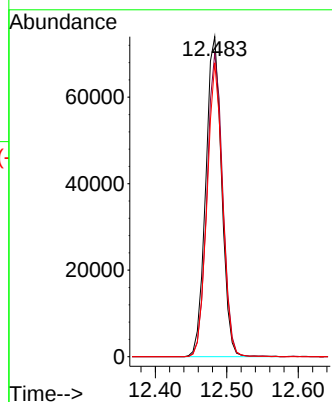
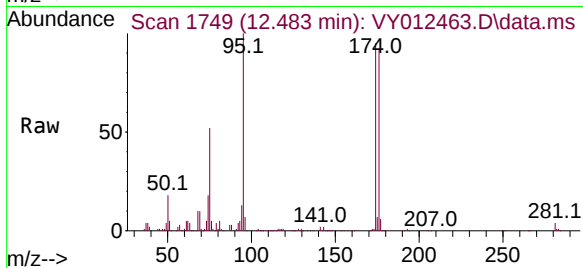




#62
4-Bromofluorobenzene
Concen: 52.578 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012463.D
Acq: 02 Feb 2023 18:11

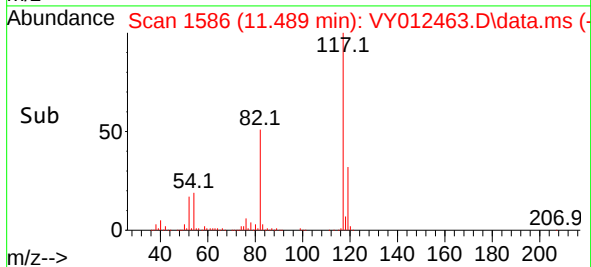
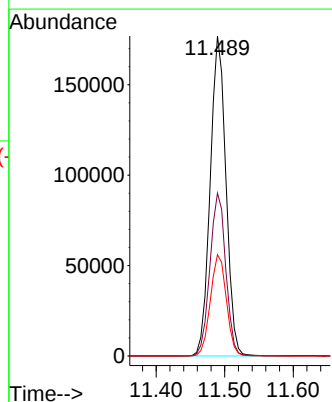
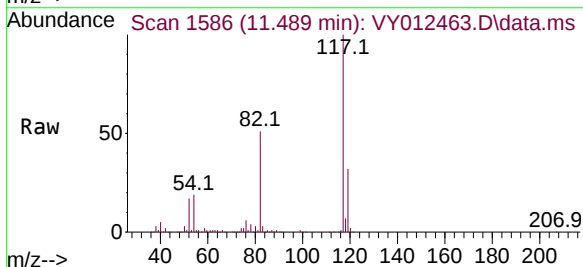
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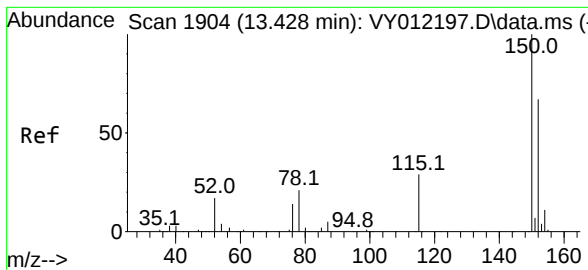
Tgt Ion: 95 Resp: 114019
Ion Ratio Lower Upper
95 100
174 94.4 0.0 172.0
176 89.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012463.D
Acq: 02 Feb 2023 18:11

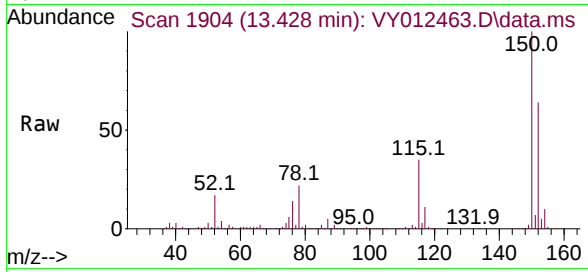
Tgt Ion: 117 Resp: 281752
Ion Ratio Lower Upper
117 100
82 50.9 44.8 67.2
119 31.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012463.D
 Acq: 02 Feb 2023 18:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 2876



Tgt Ion:152 Resp: 128311
 Ion Ratio Lower Upper
 152 100
 115 56.1 29.1 87.3
 150 155.8 0.0 342.6

