

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009152.D
 Acq On : 06 Jun 2022 17:02
 Operator : KP/MD
 Sample : N3189-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220419-COMPOSITE-H

Quant Time: Jun 07 02:33:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

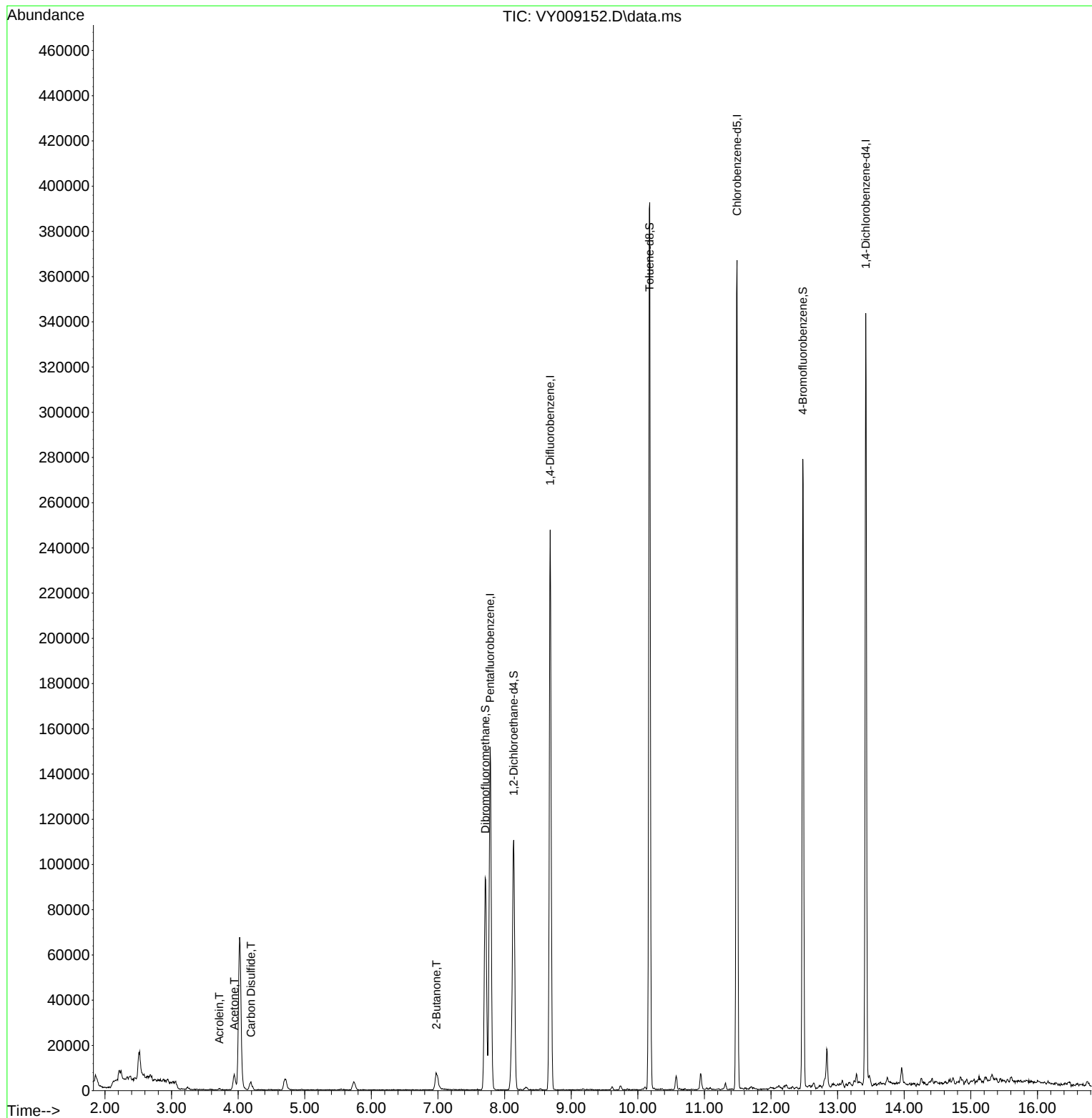
Internal Standards						
1) Pentafluorobenzene	7.783	168	116634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75668	63.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.080%	
35) Dibromofluoromethane	7.709	113	64153	50.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.380%	
50) Toluene-d8	10.178	98	251932	53.425	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.477	95	73587	38.684	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.360%	
Target Compounds						
					Qvalue	
13) Acrolein	3.716	56	397	9.906	ug/l #	77
16) Acetone	3.942	43	11719	46.901	ug/l	94
17) Carbon Disulfide	4.192	76	5192	1.449	ug/l #	93
25) 2-Butanone	6.978	43	4080	9.142	ug/l #	80

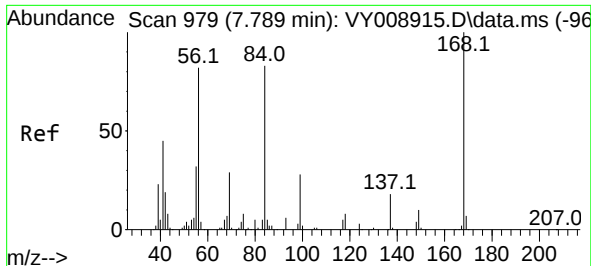
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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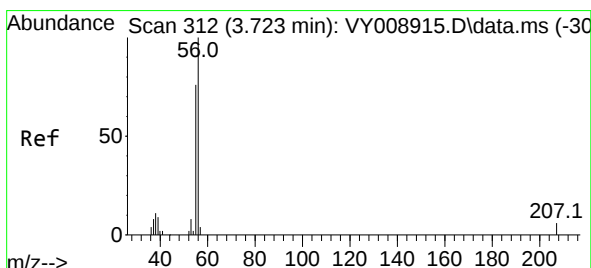
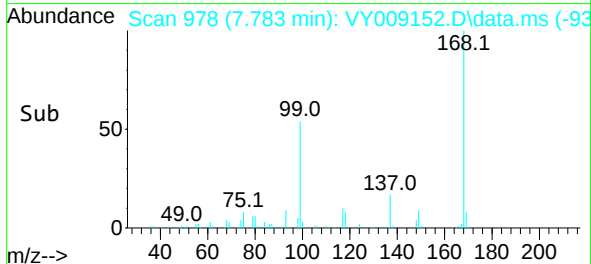
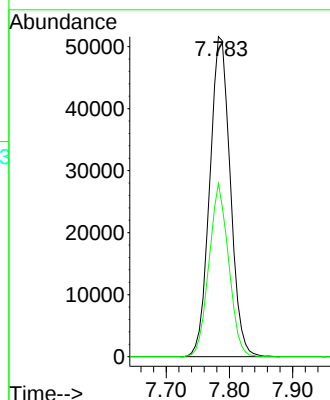
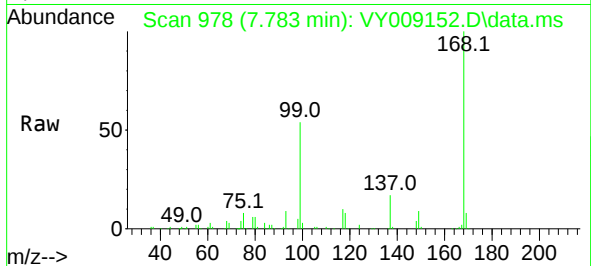




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

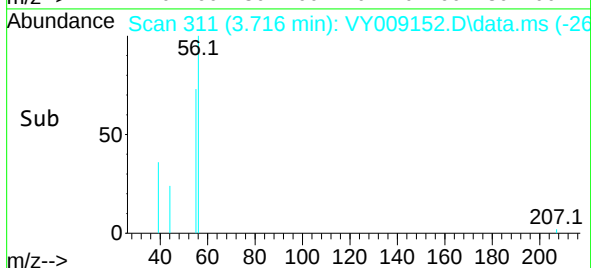
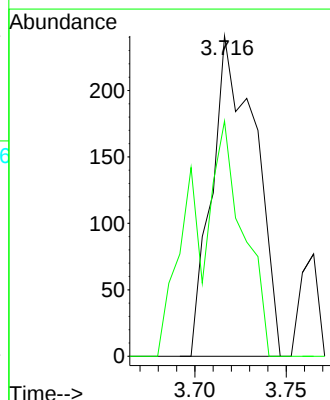
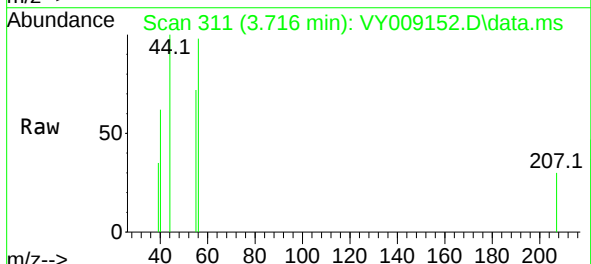
Instrument :
MSVOA_Y
ClientSampleId :
20220419-COMPOSITE-H

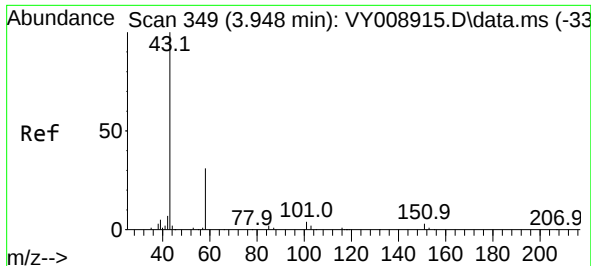
Tgt Ion:168 Resp: 116634
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#13
Acrolein
Concen: 9.906 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

Tgt Ion: 56 Resp: 397
Ion Ratio Lower Upper
56 100
55 52.9 57.6 86.4#

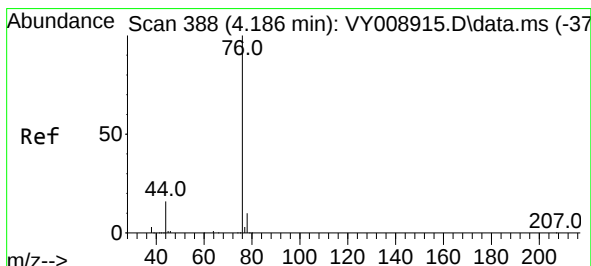
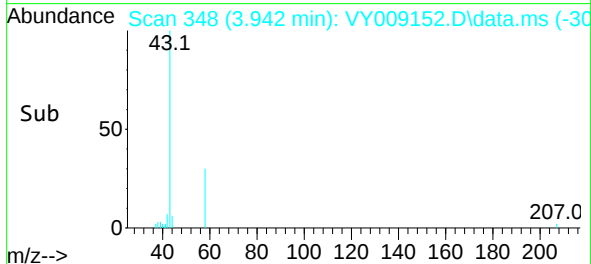
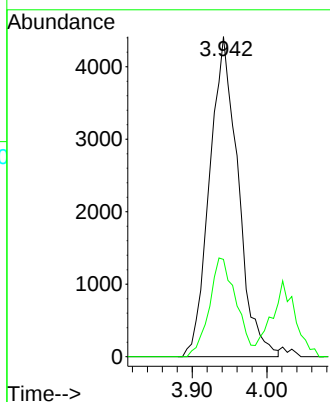
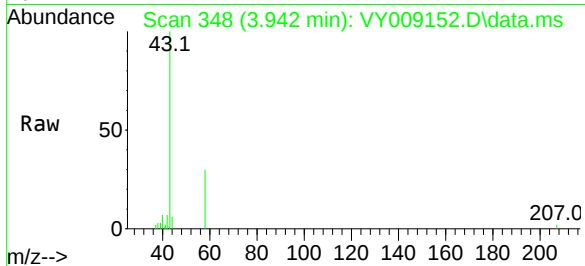




#16
Acetone
Concen: 46.901 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

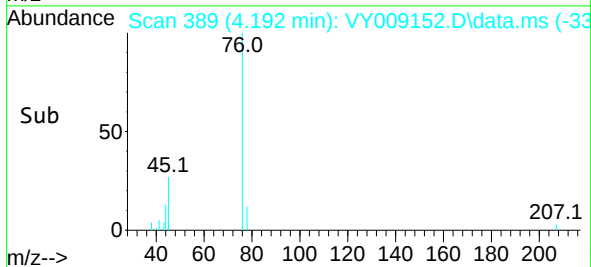
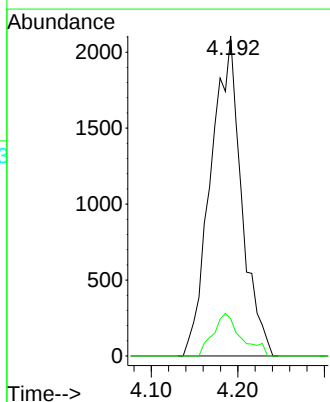
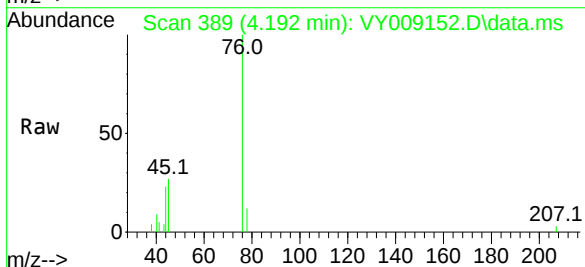
Instrument :
MSVOA_Y
ClientSampleId :
20220419-COMPOSITE-H

Tgt Ion: 43 Resp: 11719
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0



#17
Carbon Disulfide
Concen: 1.449 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

Tgt Ion: 76 Resp: 5192
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.0#

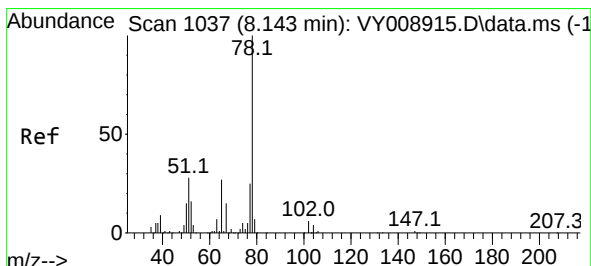
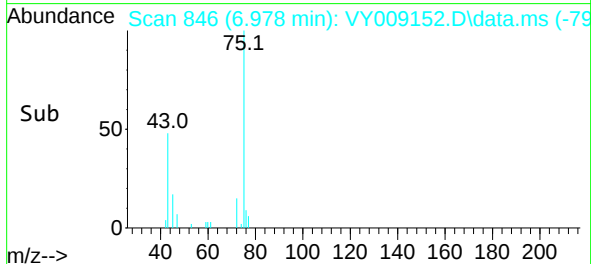
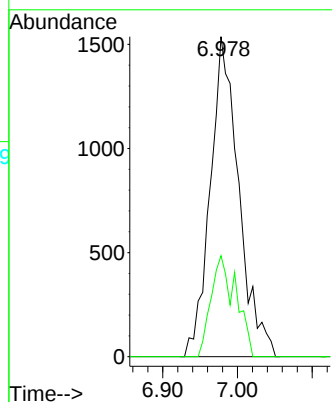
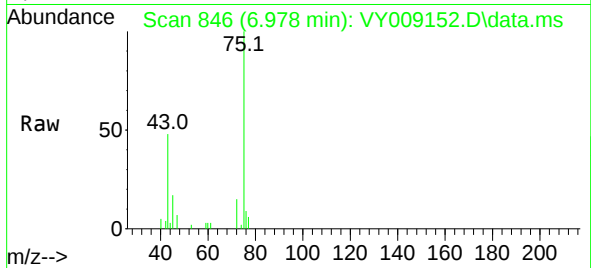




#25
2-Butanone
Concen: 9.142 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

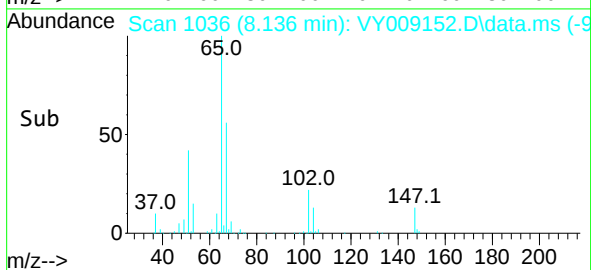
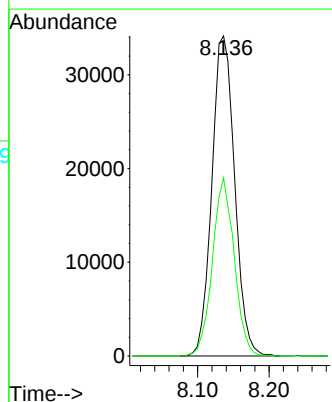
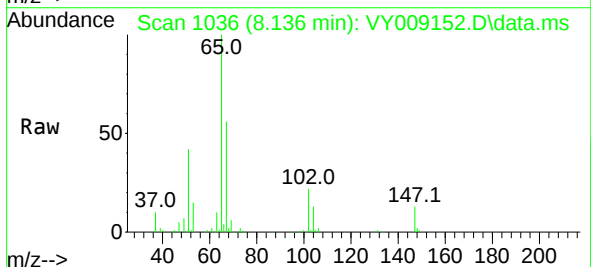
Instrument :
MSVOA_Y
ClientSampleId :
20220419-COMPOSITE-H

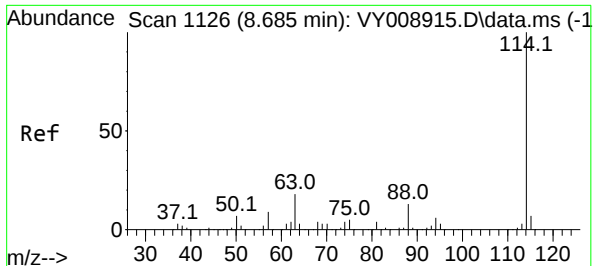
Tgt Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
72 31.6 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 63.037 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

Tgt Ion: 65 Resp: 75668
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009152.D

Acq: 06 Jun 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

20220419-COMPOSITE-H

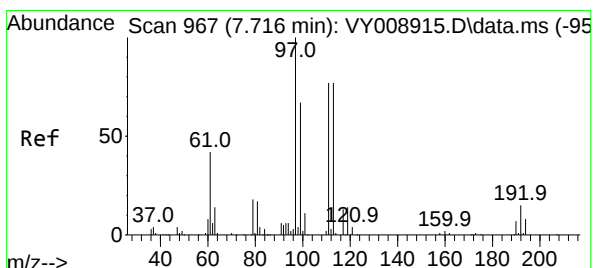
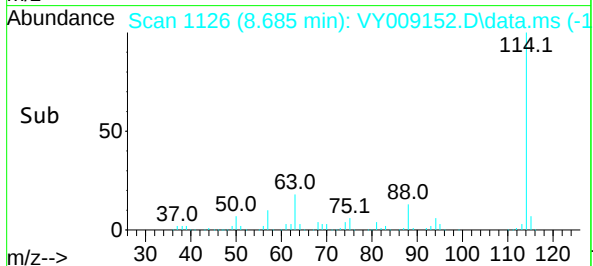
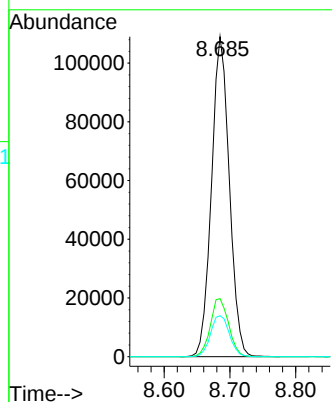
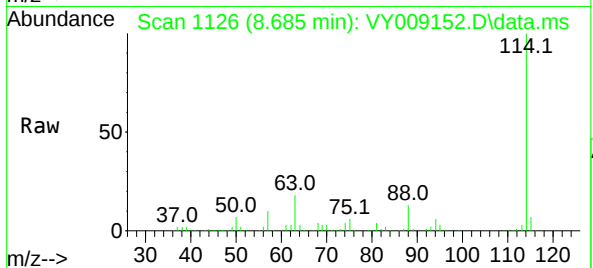
Tgt Ion:114 Resp: 205558

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 12.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.188 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY009152.D

Acq: 06 Jun 2022 17:02

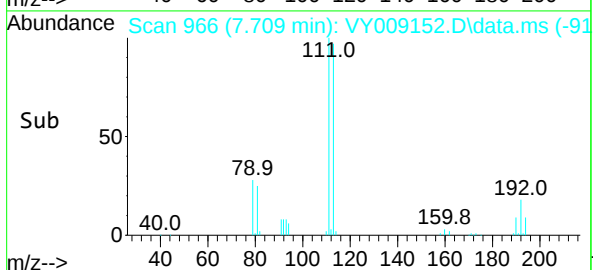
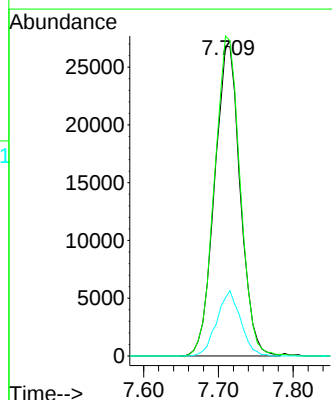
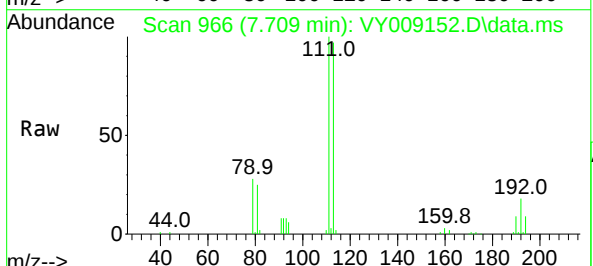
Tgt Ion:113 Resp: 64153

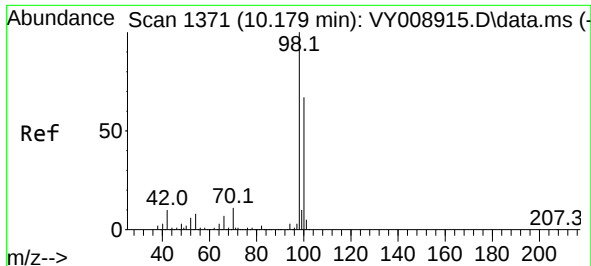
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.5 17.6 26.4

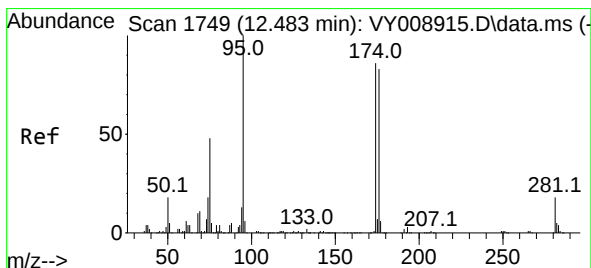
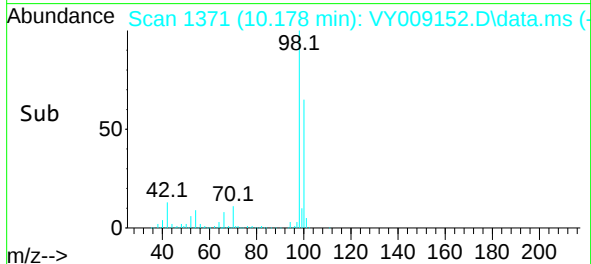
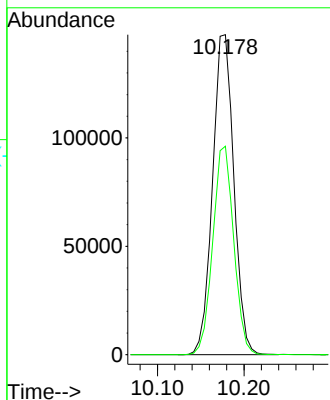
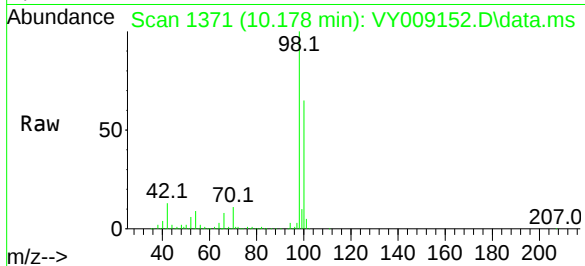




#50
Toluene-d8
Concen: 53.425 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

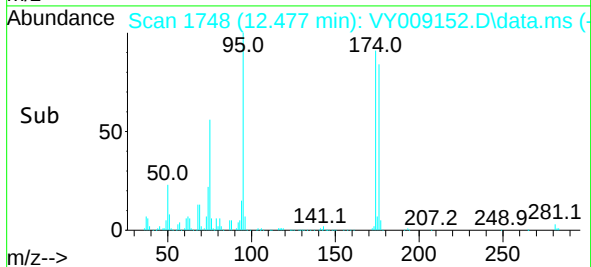
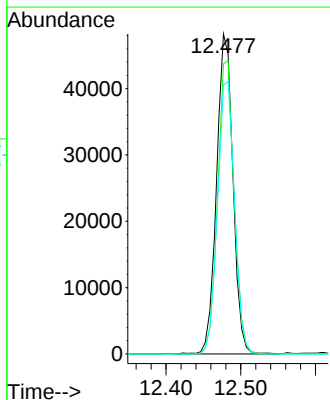
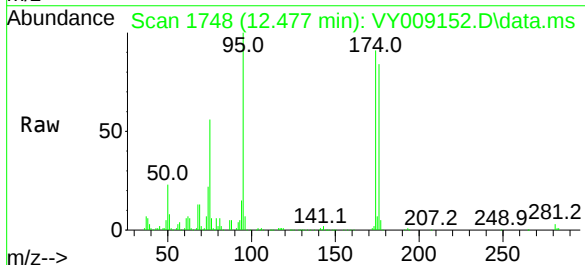
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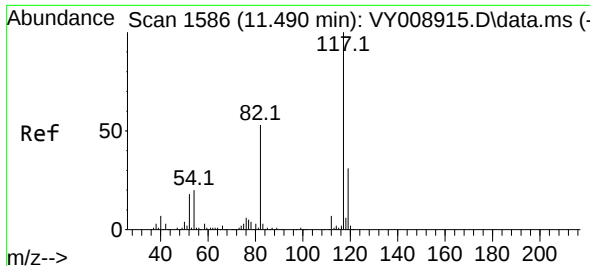
Tgt Ion: 98 Resp: 251932
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

Tgt Ion: 95 Resp: 73587
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 88.4 0.0 175.8

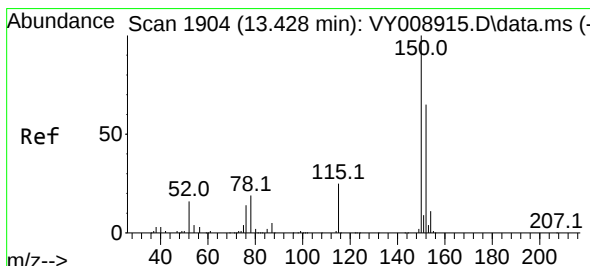
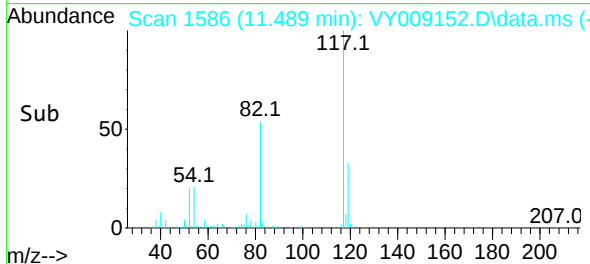
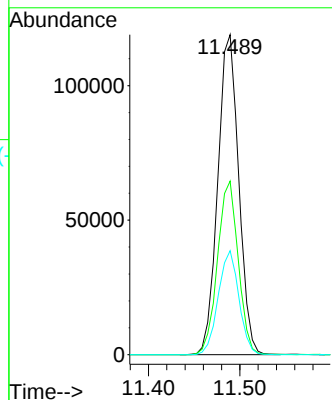
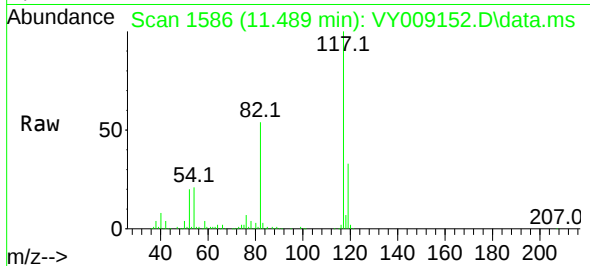




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

Instrument :
MSVOA_Y
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Tgt Ion:117 Resp: 189577
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009152.D
Acq: 06 Jun 2022 17:02

Tgt Ion:152 Resp: 82110
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 155.8 0.0 347.6

