

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010670.D
 Acq On : 26 Sep 2022 14:57
 Operator : KP/MD
 Sample : N4742-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-6.5-7.0

Quant Time: Sep 27 06:26:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

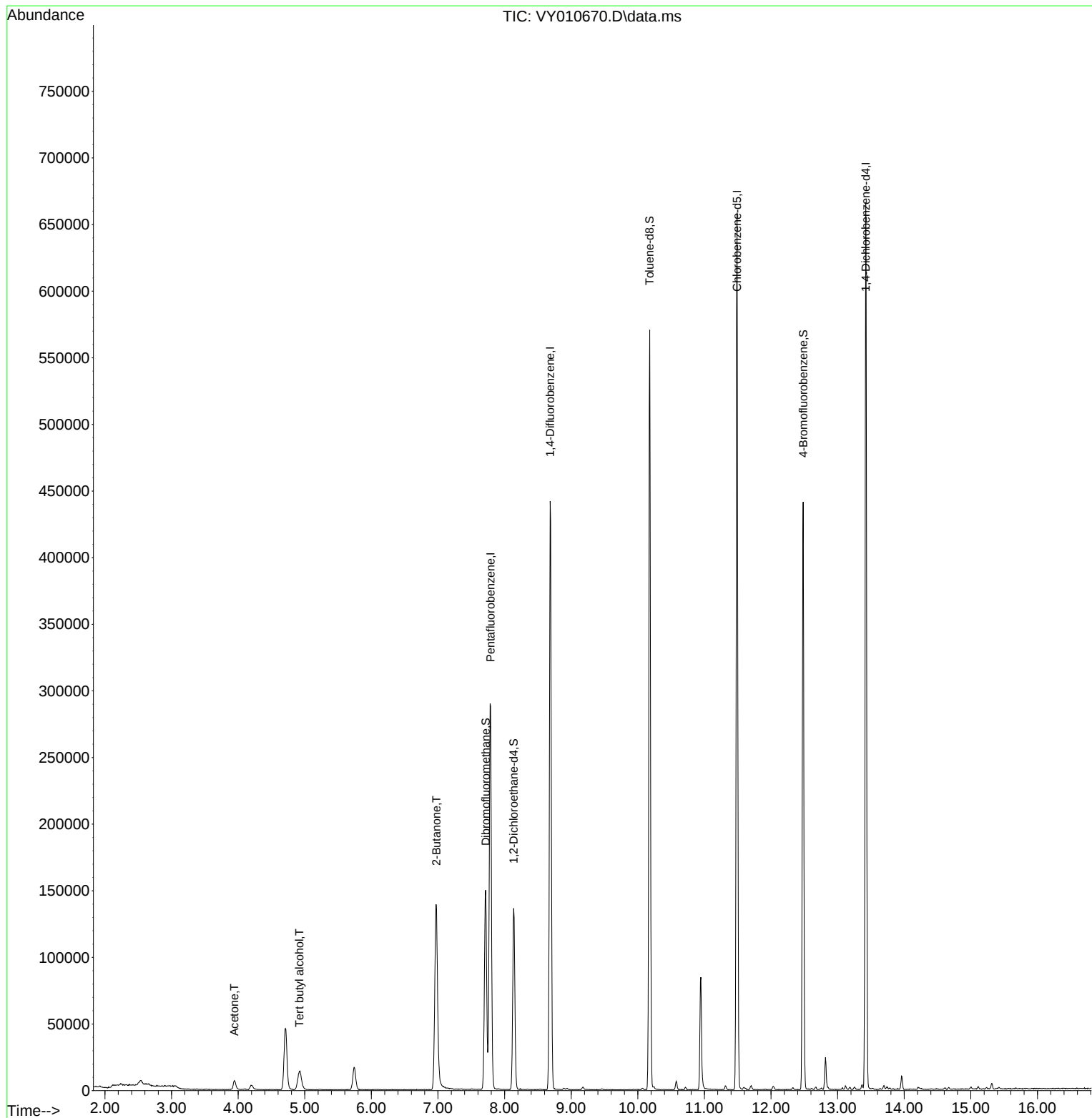
Internal Standards						
1) Pentafluorobenzene	7.789	168	223374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105223	49.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.500%
35) Dibromofluoromethane	7.715	113	105844	44.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.040%
50) Toluene-d8	10.178	98	362969	41.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.720%
62) 4-Bromofluorobenzene	12.483	95	130164	39.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	15174	71.392	ug/l #	84
16) Acetone	3.942	43	12174	27.942	ug/l	94
25) 2-Butanone	6.978	43	8017	11.764	ug/l #	81

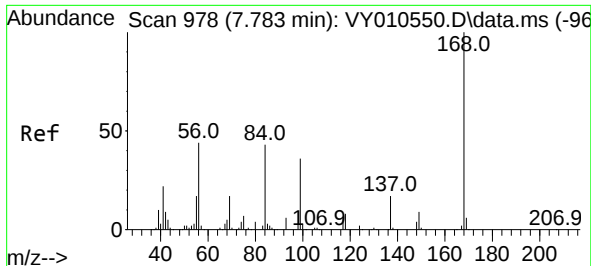
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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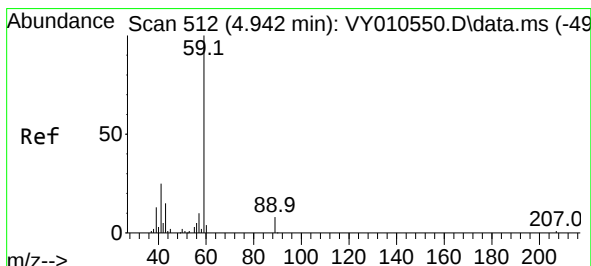
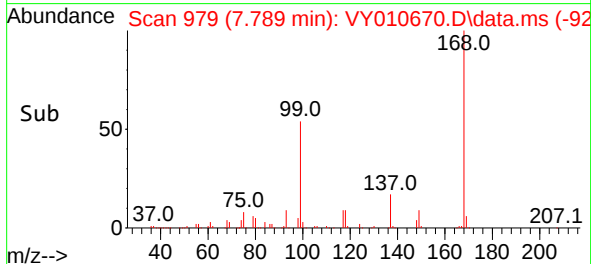
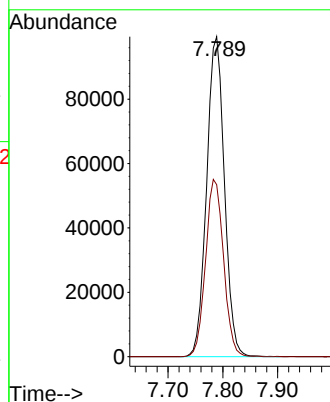
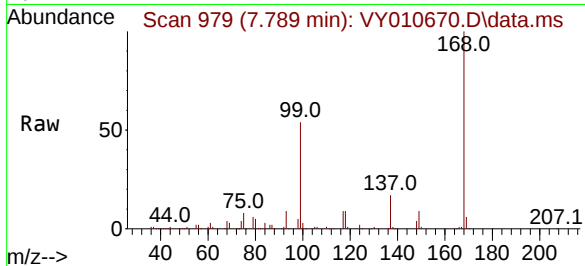




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010670.D
Acq: 26 Sep 2022 14:57

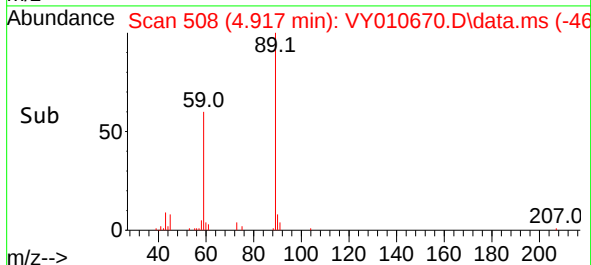
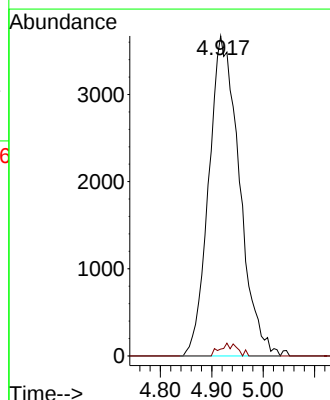
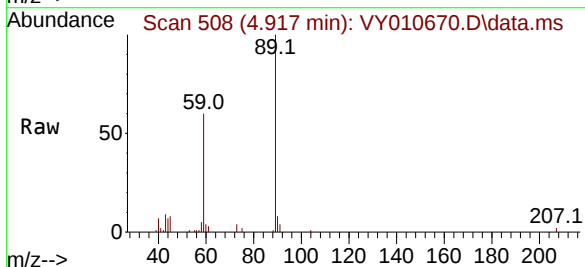
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-6.5-7.0

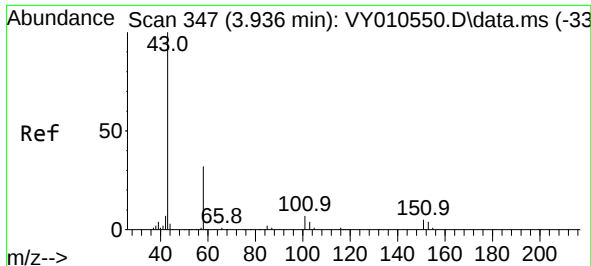
Tgt Ion:168 Resp: 223374
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 71.392 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.025 min
Lab File: VY010670.D
Acq: 26 Sep 2022 14:57

Tgt Ion: 59 Resp: 15174
Ion Ratio Lower Upper
59 100
57 2.2 6.4 9.6#

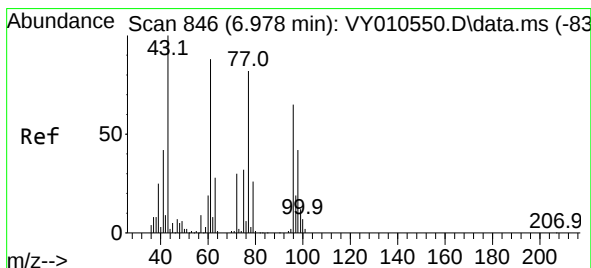
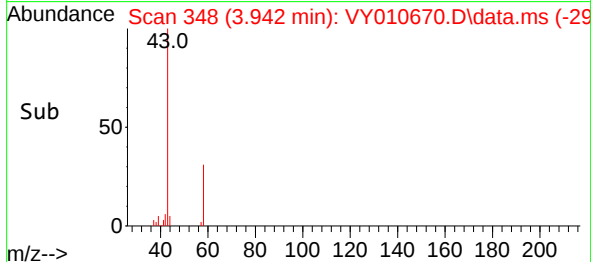
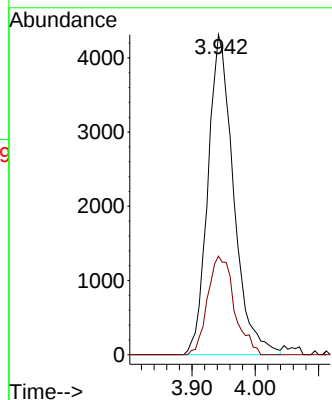
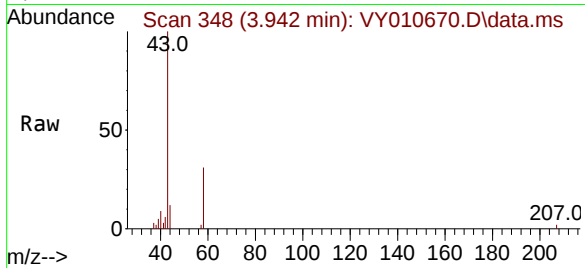




#16
Acetone
Concen: 27.942 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY010670.D
Acq: 26 Sep 2022 14:57

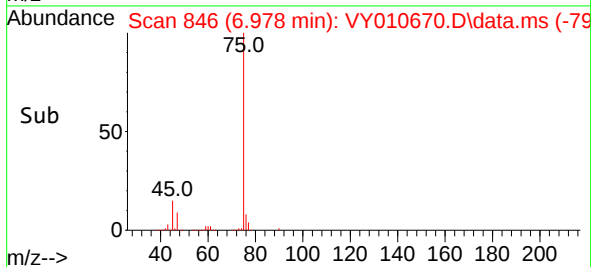
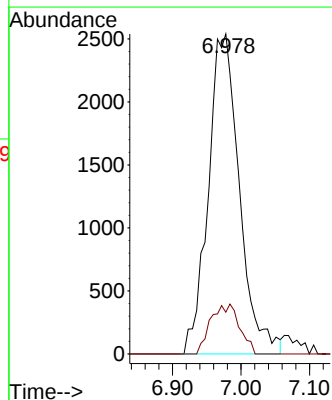
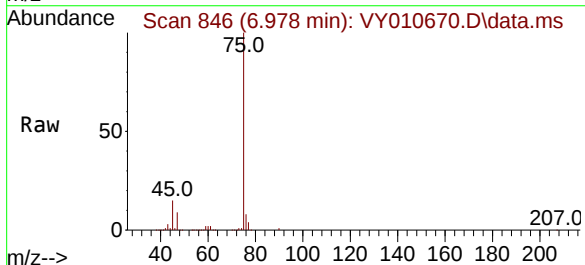
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-6.5-7.0

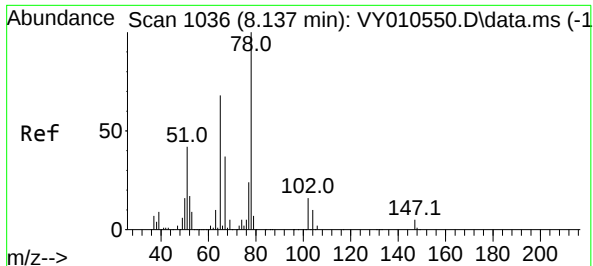
Tgt Ion: 43 Resp: 12174
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0



#25
2-Butanone
Concen: 11.764 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010670.D
Acq: 26 Sep 2022 14:57

Tgt Ion: 43 Resp: 8017
Ion Ratio Lower Upper
43 100
72 13.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 49.250 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010670.D

Acq: 26 Sep 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

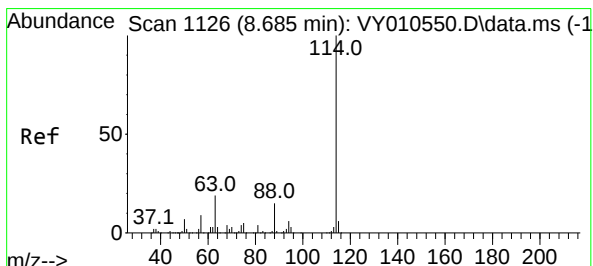
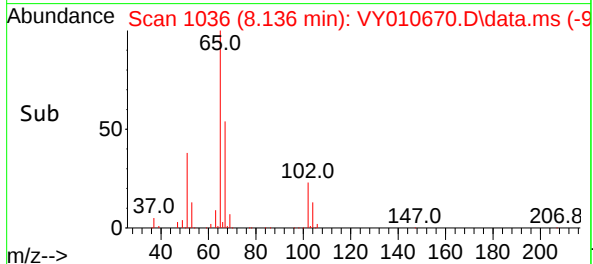
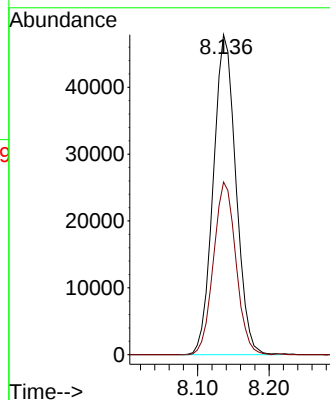
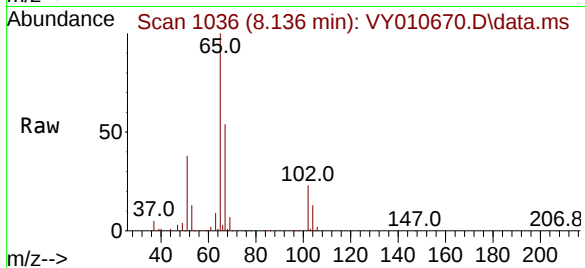
SB-06-6.5-7.0

Tgt Ion: 65 Resp: 105223

Ion Ratio Lower Upper

65 100

67 53.4 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: VY010670.D

Acq: 26 Sep 2022 14:57

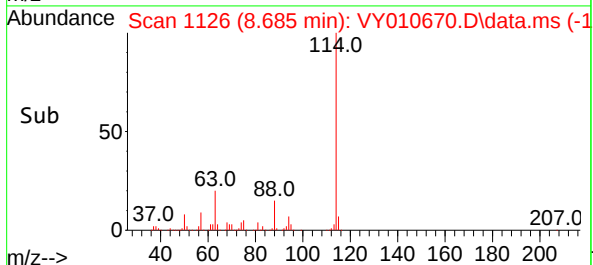
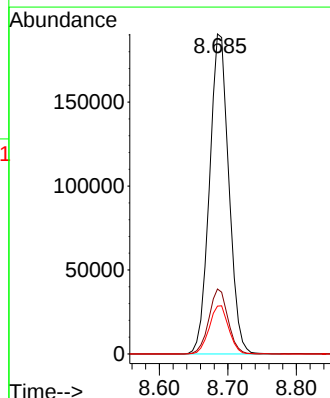
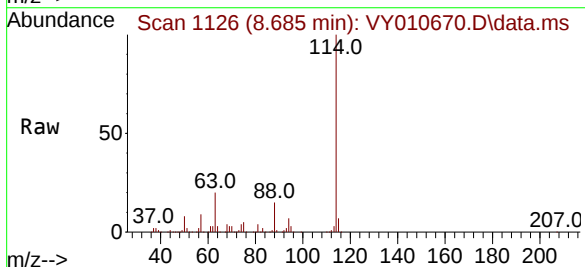
Tgt Ion: 114 Resp: 372490

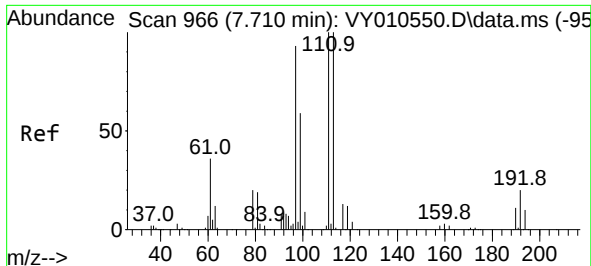
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.9 0.0 31.8

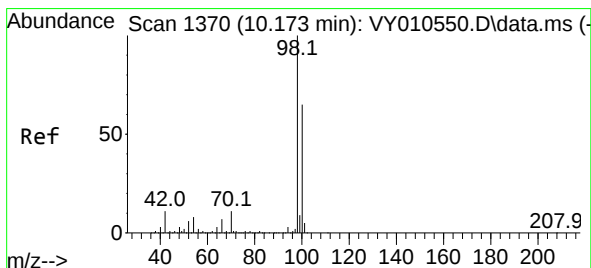
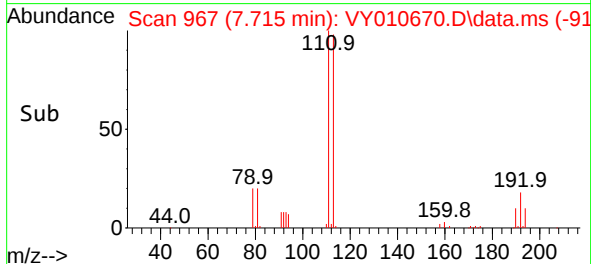
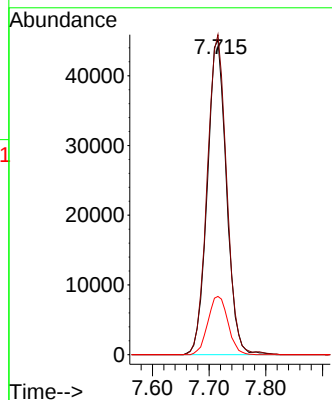
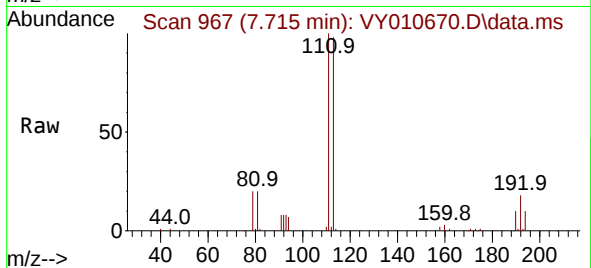




#35
Dibromofluoromethane
Concen: 44.524 ug/l
RT: 7.715 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY010670.D
Acq: 26 Sep 2022 14:57

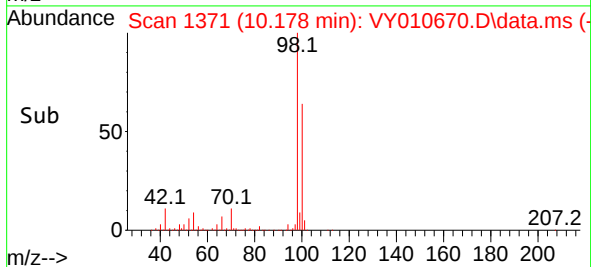
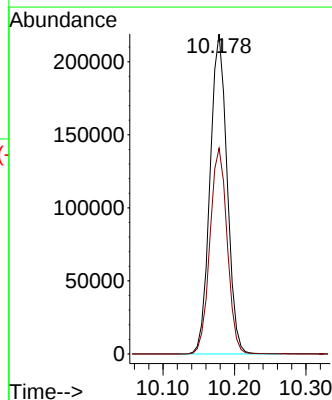
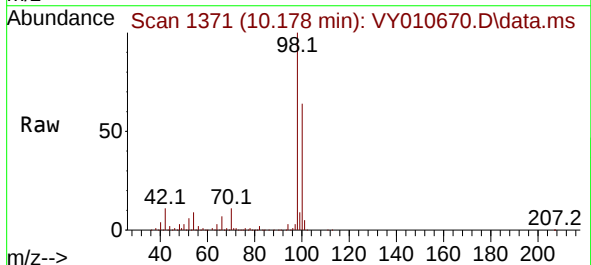
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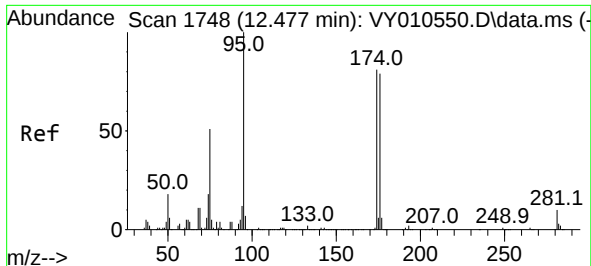
Tgt Ion:113 Resp: 105844
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 41.856 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010670.D
Acq: 26 Sep 2022 14:57

Tgt Ion: 98 Resp: 362969
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

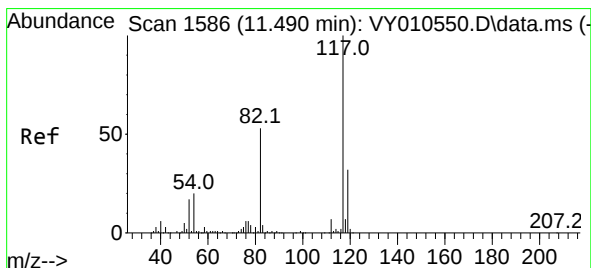
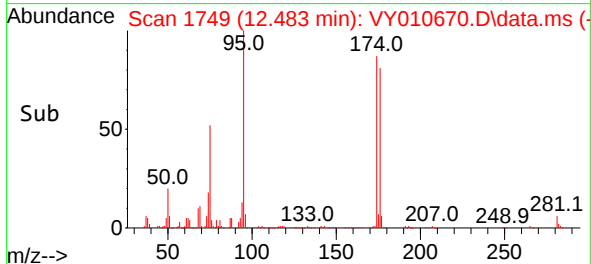
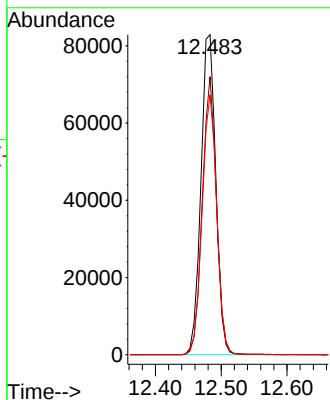
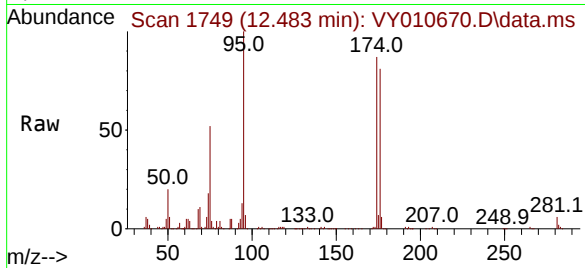




#62
4-Bromofluorobenzene
Concen: 39.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010670.D
Acq: 26 Sep 2022 14:57

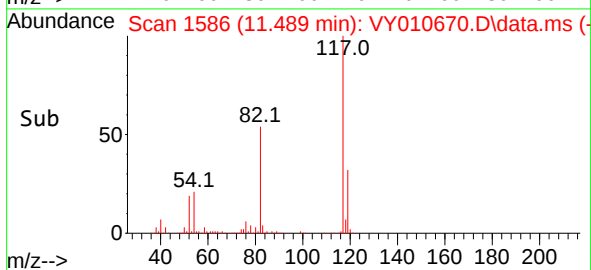
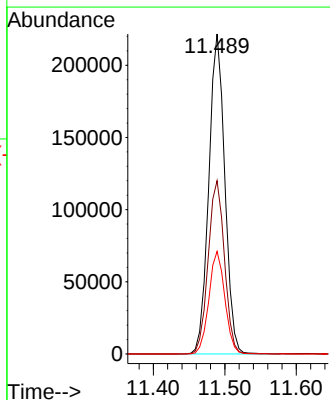
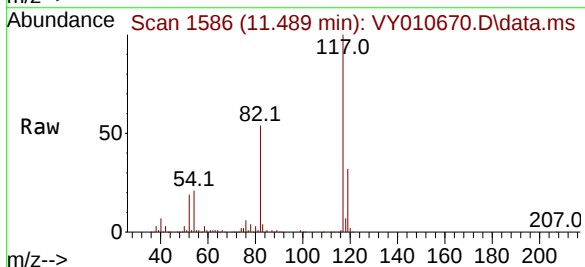
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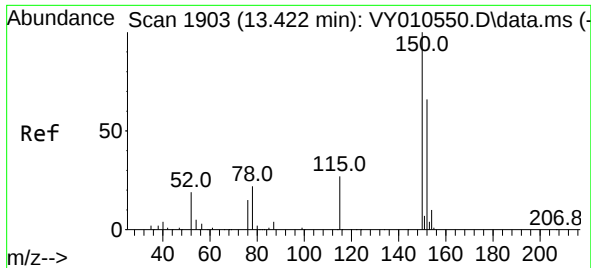
Tgt Ion: 95 Resp: 130164
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 79.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010670.D
Acq: 26 Sep 2022 14:57

Tgt Ion: 117 Resp: 344722
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.0 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: VY010670.D
 Acq: 26 Sep 2022 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-6.5-7.0

Tgt Ion:152 Resp: 166733
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.2 84.7
 150 159.0 0.0 347.6

