

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010827.D
 Acq On : 05 Oct 2022 17:54
 Operator : KP/MD
 Sample : N5004-07
 Misc : 6.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22009-8.5

Quant Time: Oct 06 09:23:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

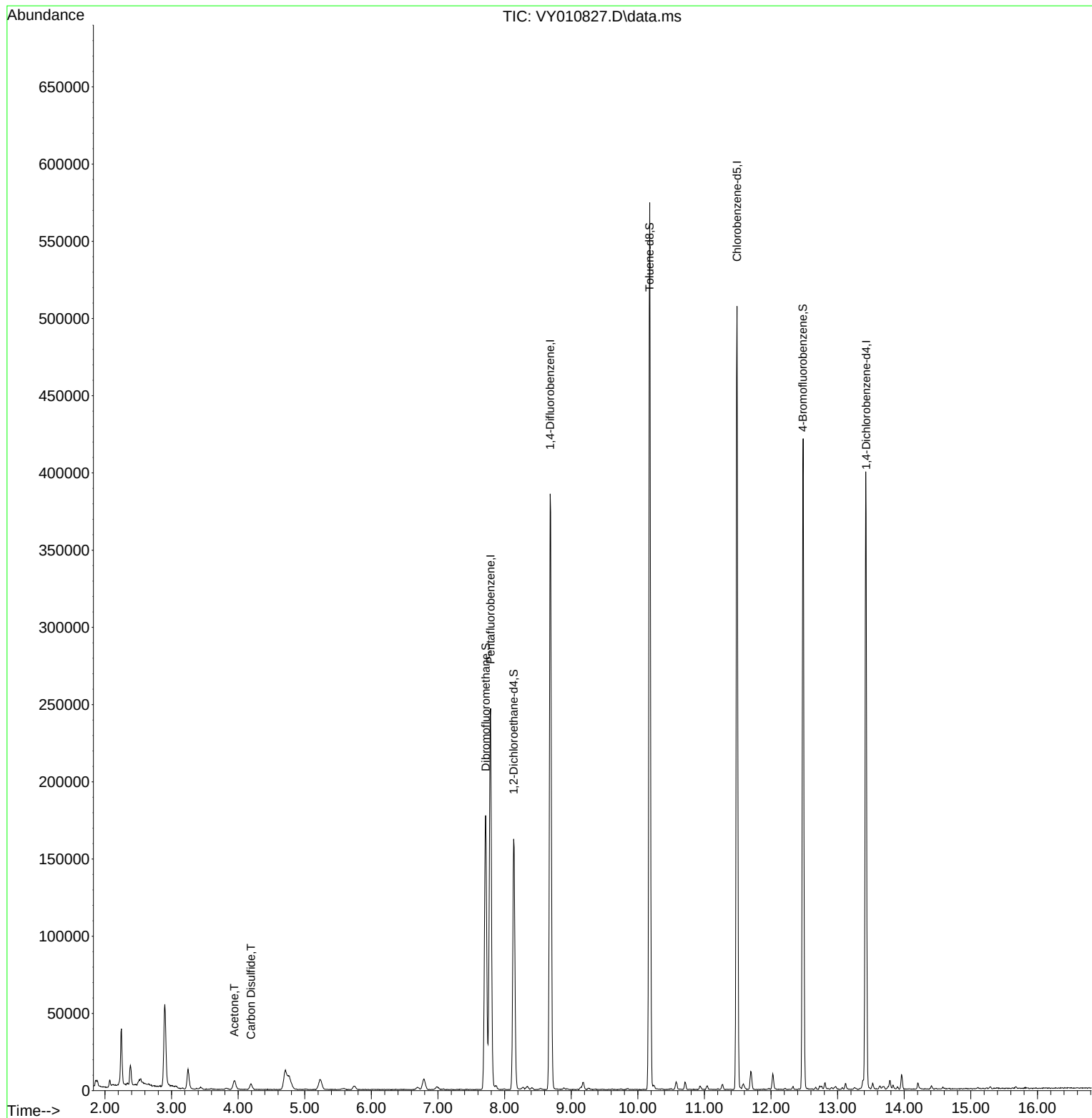
Internal Standards						
1) Pentafluorobenzene	7.789	168	187526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124693	65.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.200%
35) Dibromofluoromethane	7.716	113	126598	57.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.000%
50) Toluene-d8	10.179	98	367178	48.769	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.477	95	121370	40.568	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.140%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	8887	18.409	ug/l	95
17) Carbon Disulfide	4.192	76	6360	1.110	ug/l	98

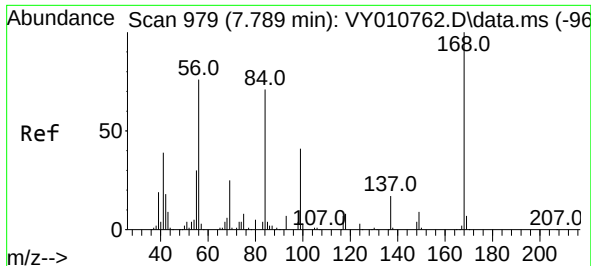
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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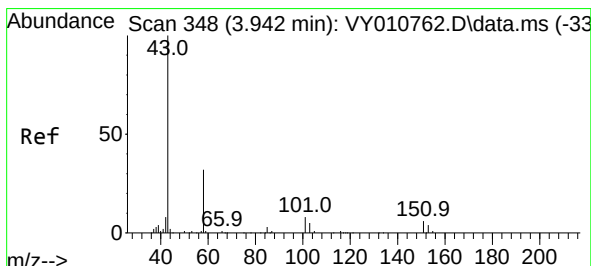
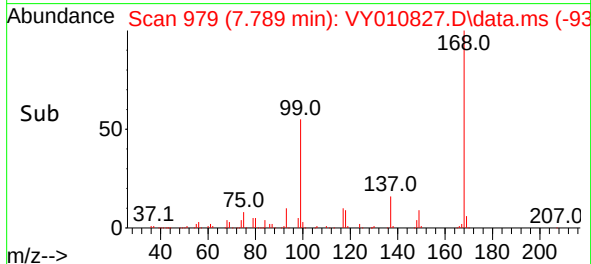
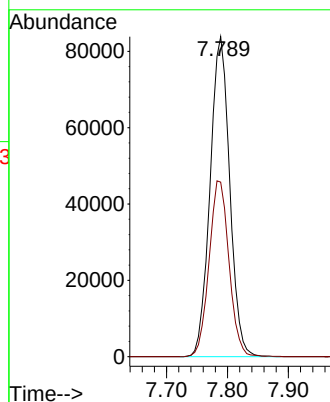
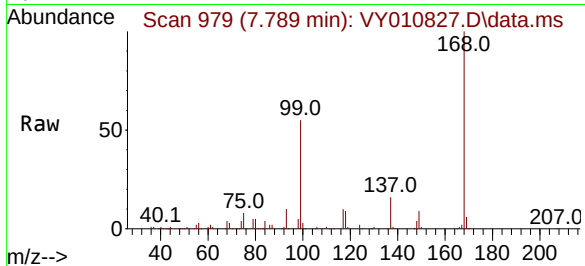




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

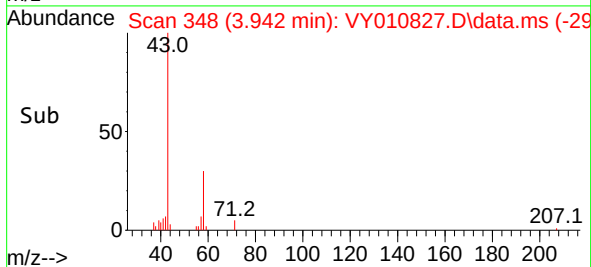
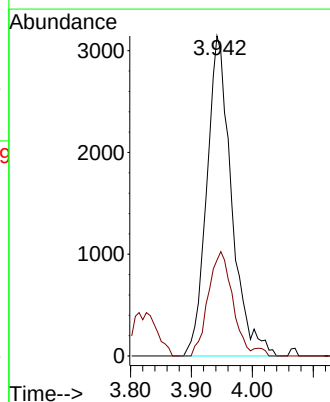
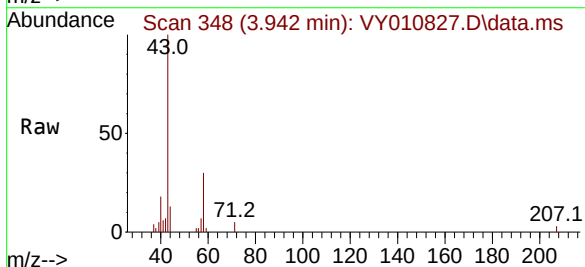
Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

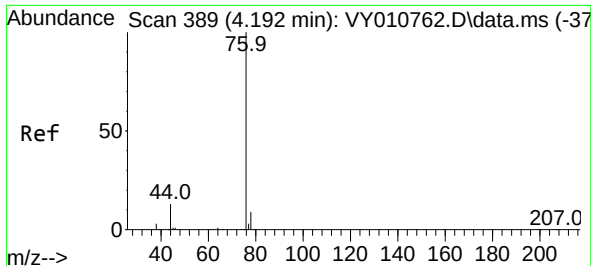
Tgt Ion:168 Resp: 187526
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 18.409 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion: 43 Resp: 8887
Ion Ratio Lower Upper
43 100
58 30.0 22.0 33.0

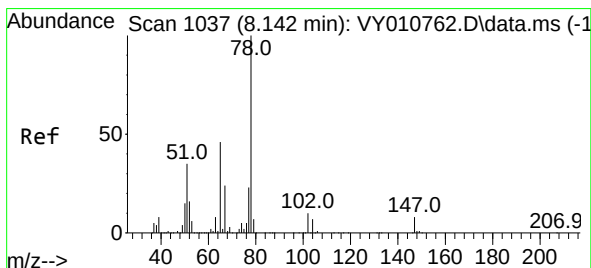
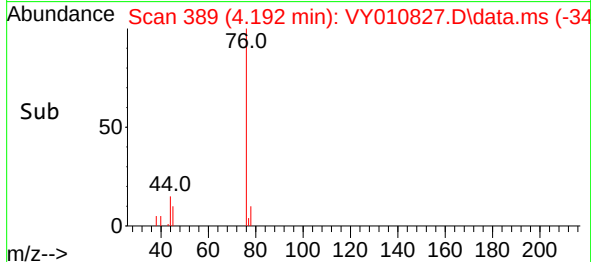
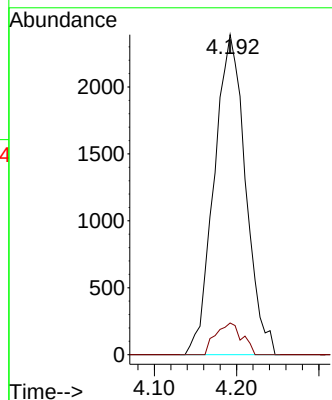
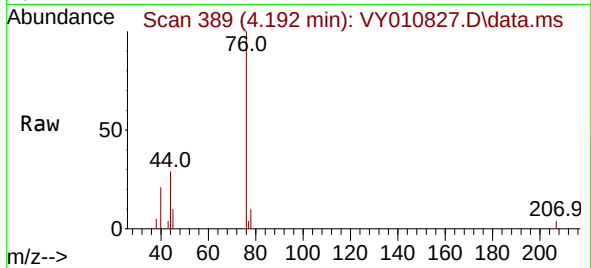




#17
Carbon Disulfide
Concen: 1.110 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

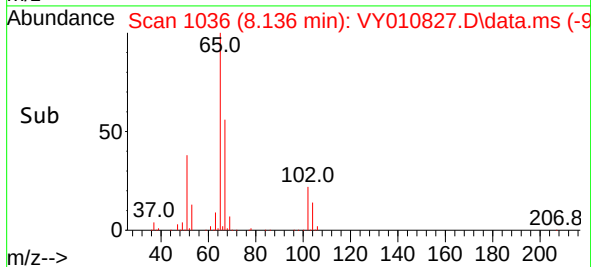
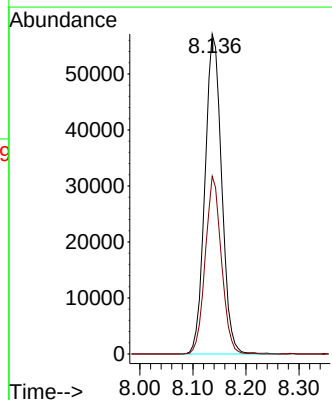
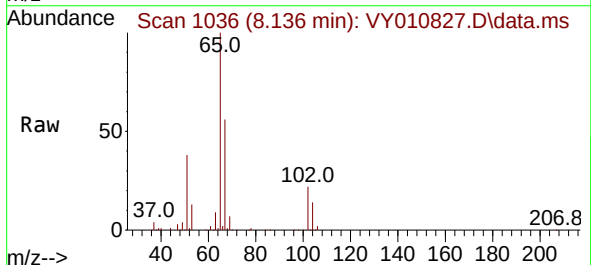
Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

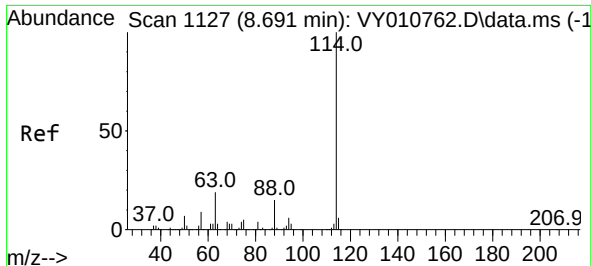
Tgt Ion: 76 Resp: 6360
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 65.600 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion: 65 Resp: 124693
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010827.D

Acq: 05 Oct 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

D22009-8.5

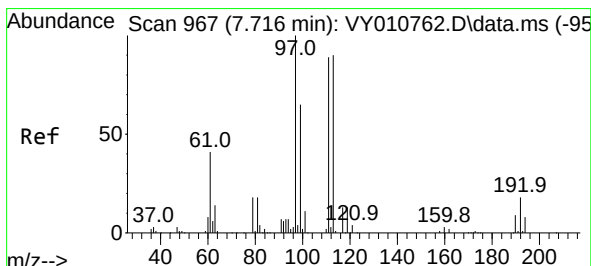
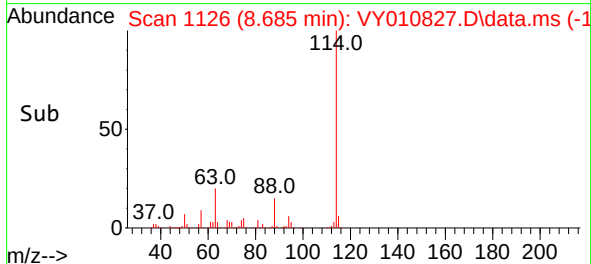
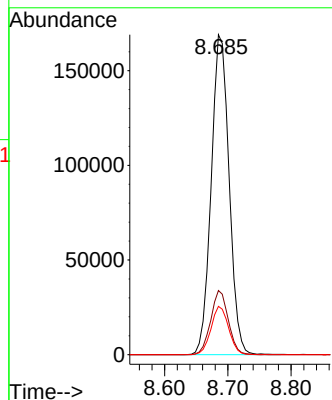
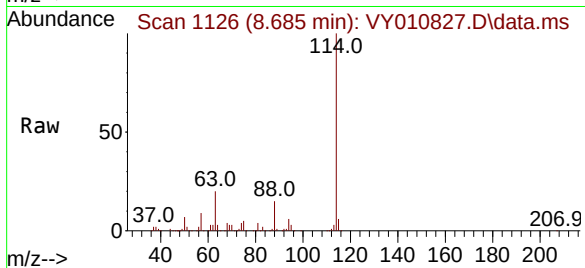
Tgt Ion:114 Resp: 331650

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.505 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010827.D

Acq: 05 Oct 2022 17:54

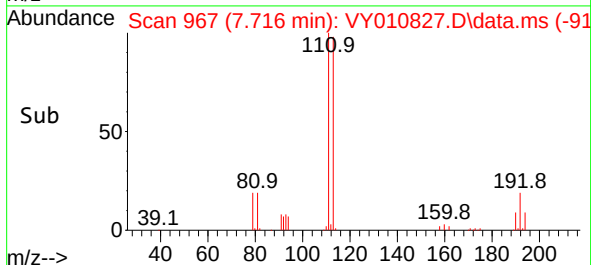
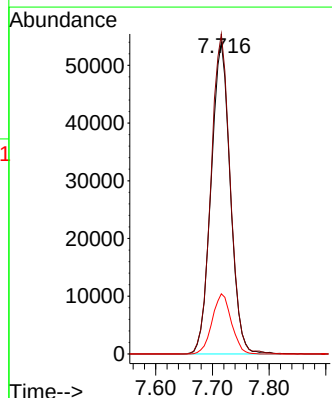
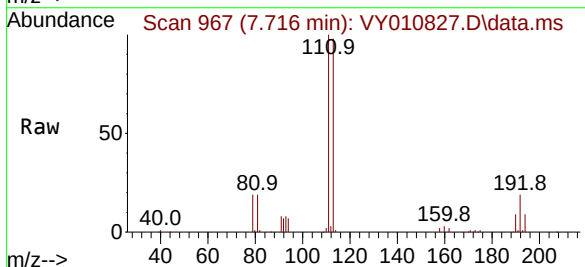
Tgt Ion:113 Resp: 126598

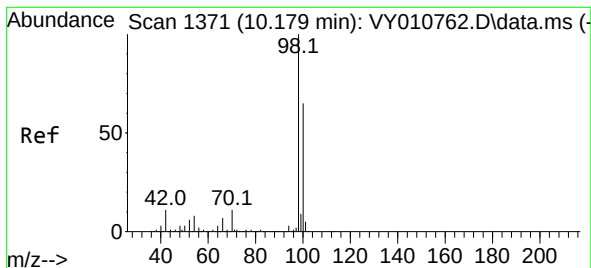
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.3 17.6 26.4

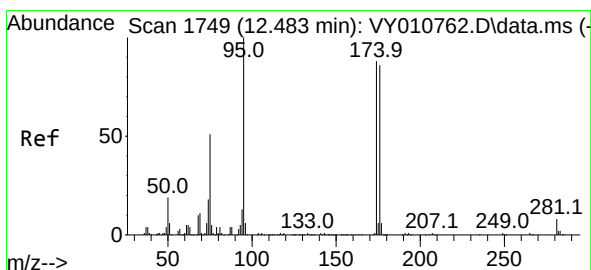
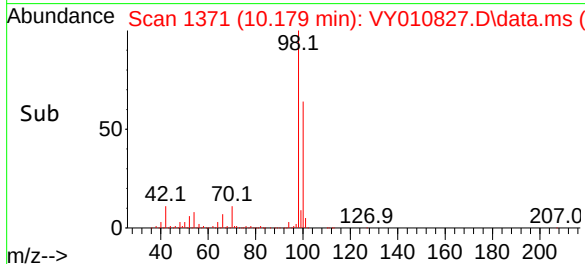
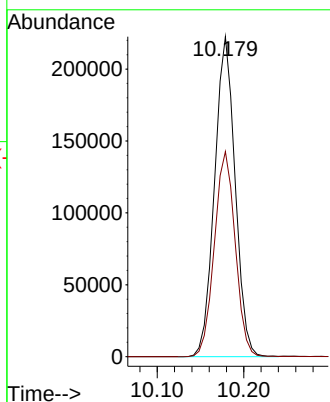
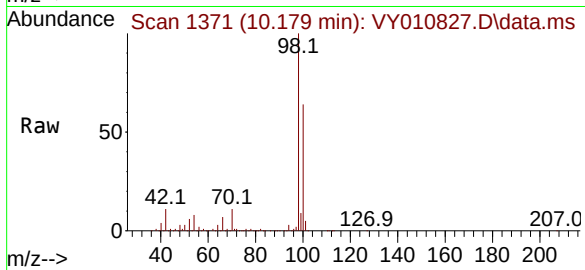




#50
Toluene-d8
Concen: 48.769 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

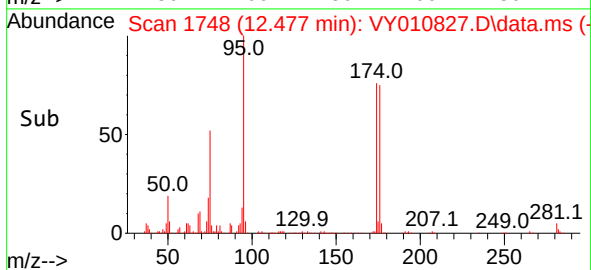
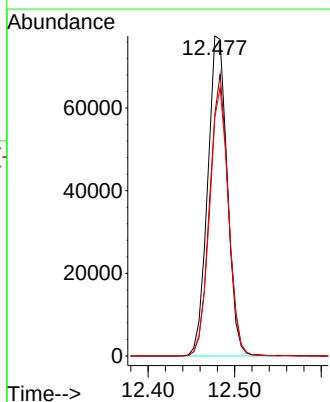
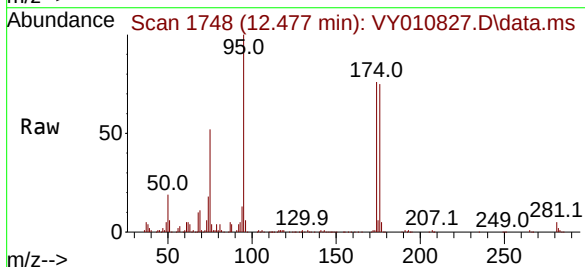
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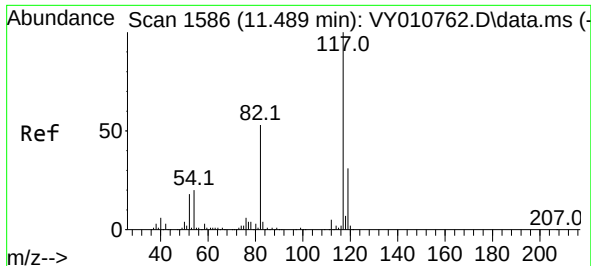
Tgt Ion: 98 Resp: 367178
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.568 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion: 95 Resp: 121370
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.1 0.0 175.8

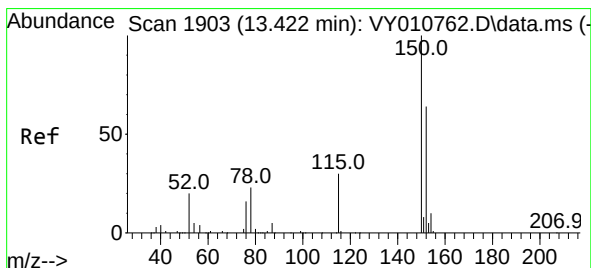
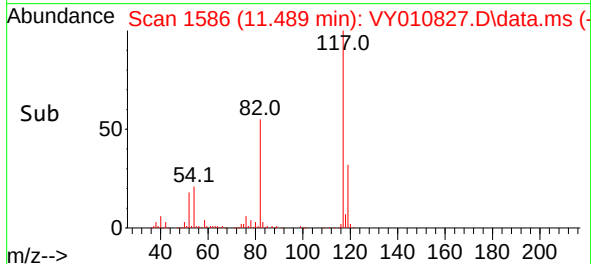
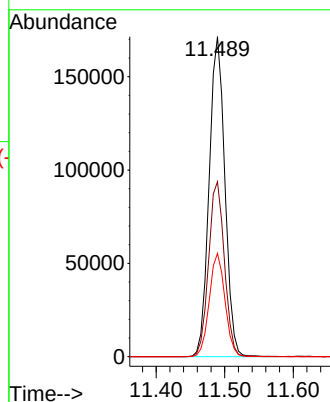
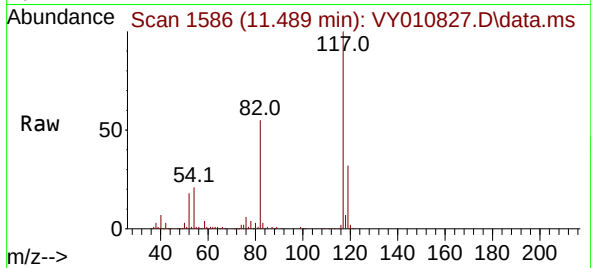




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

Tgt Ion:117 Resp: 273484
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion:152 Resp: 103575
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.5 0.0 347.6

