

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008839.D
 Acq On : 19 May 2022 01:48
 Operator : KP/MD
 Sample : N2869-12
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P031-SS001-0612-01

Quant Time: May 19 03:16:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

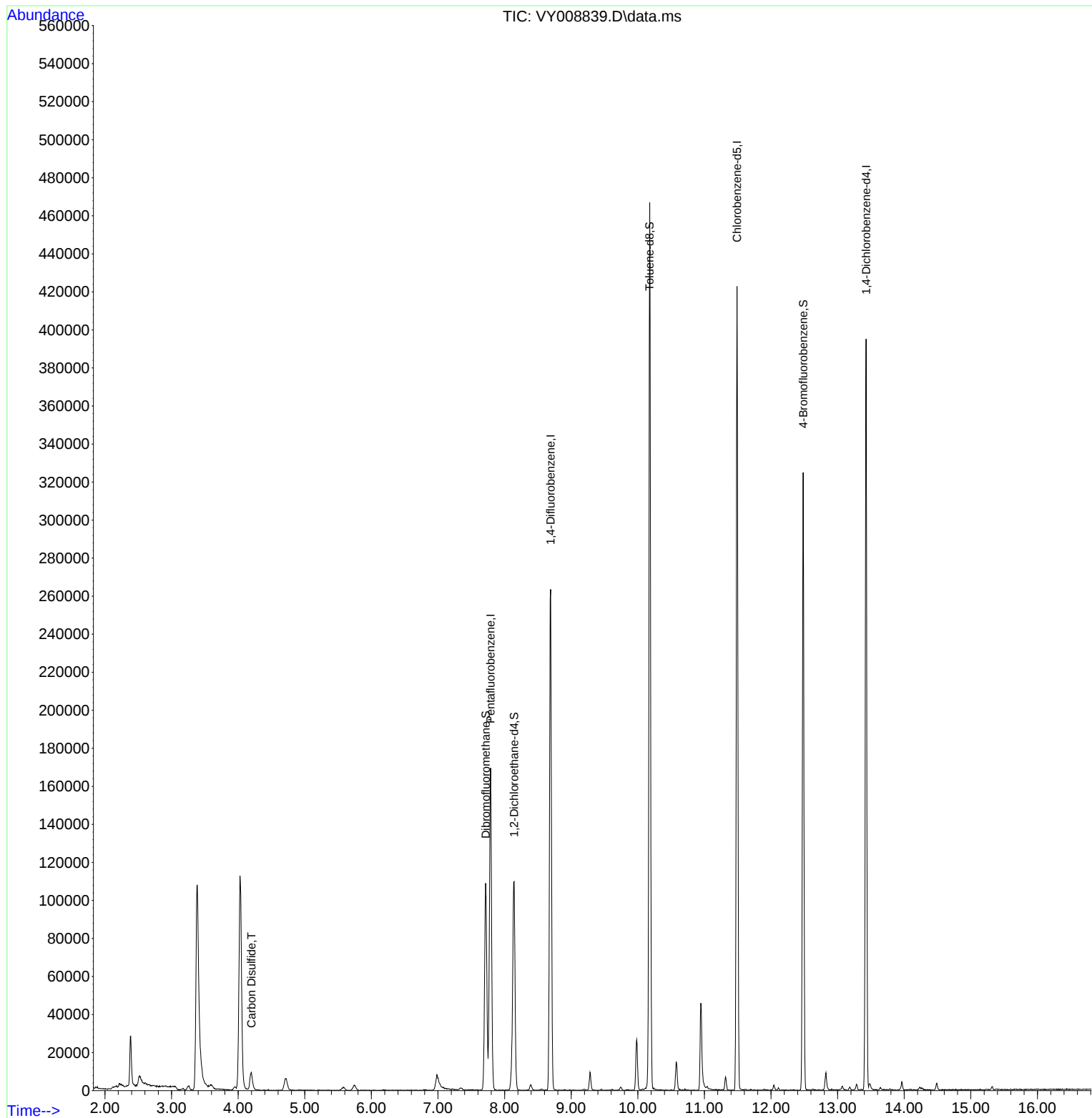
Internal Standards						
1) Pentafluorobenzene	7.789	168	127948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80089	67.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.940%
35) Dibromofluoromethane	7.716	113	73878	55.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.540%
50) Toluene-d8	10.179	98	292084	49.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.483	95	84692	40.644	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.280%
Target Compounds						Qvalue
17) Carbon Disulfide	4.198	76	16150	1.661	ug/l	98

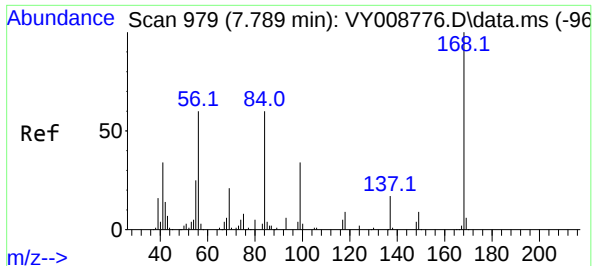
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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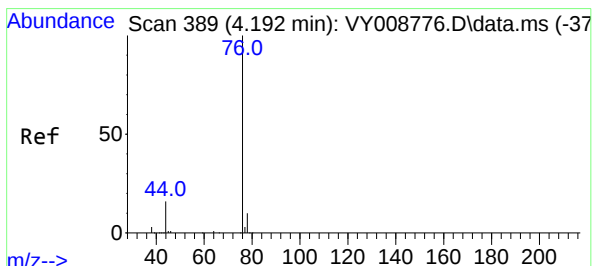
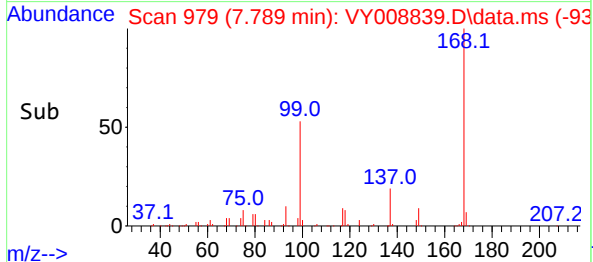
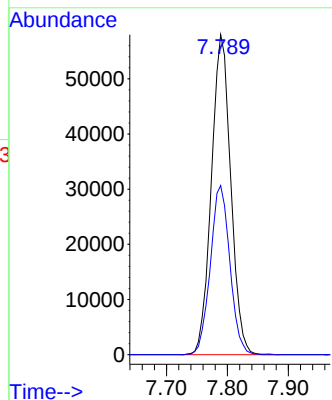
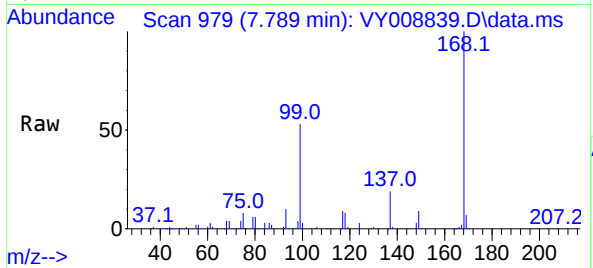




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008839.D
Acq: 19 May 2022 01:48

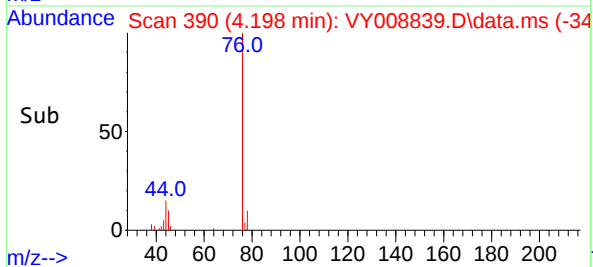
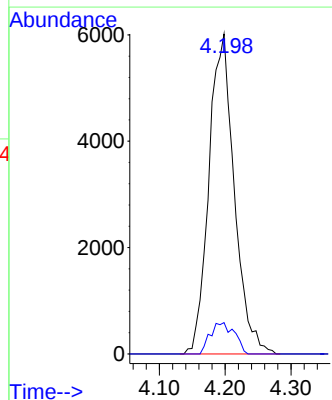
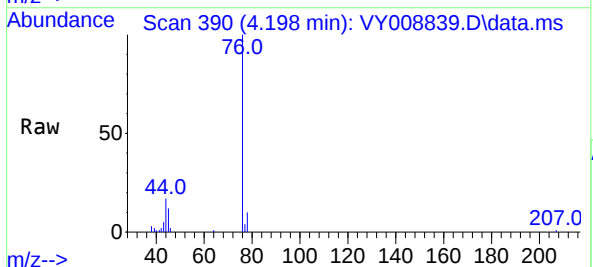
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0612-01

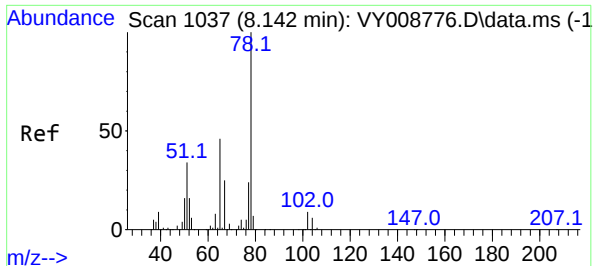
Tgt Ion:168 Resp: 127948
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#17
Carbon Disulfide
Concen: 1.661 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008839.D
Acq: 19 May 2022 01:48

Tgt Ion: 76 Resp: 16150
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 67.473 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008839.D

Acq: 19 May 2022 01:48

Instrument :

MSVOA_Y

ClientSampleId :

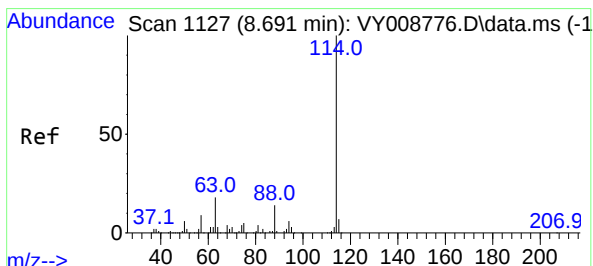
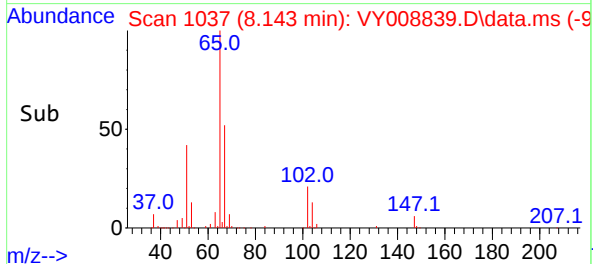
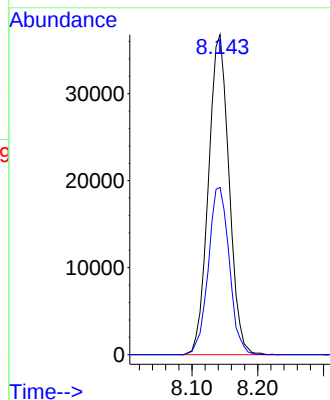
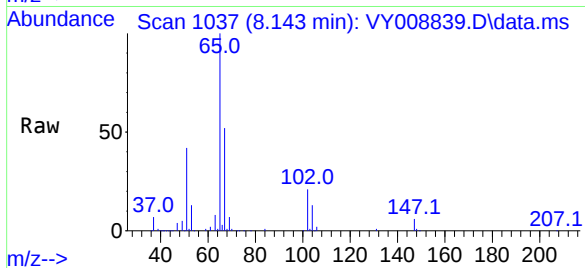
P031-SS001-0612-01

Tgt Ion: 65 Resp: 80089

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008839.D

Acq: 19 May 2022 01:48

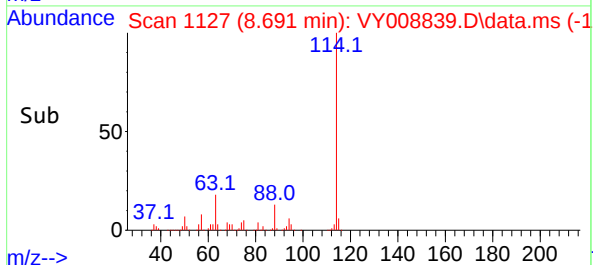
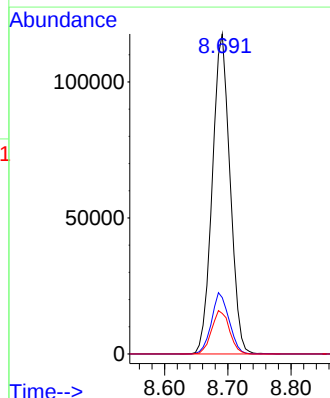
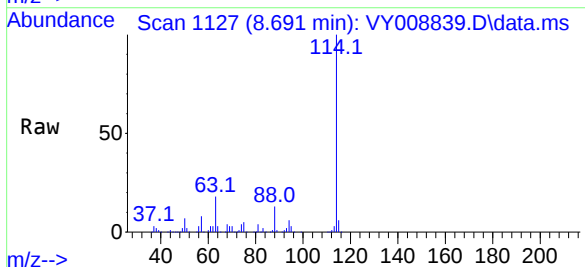
Tgt Ion: 114 Resp: 228774

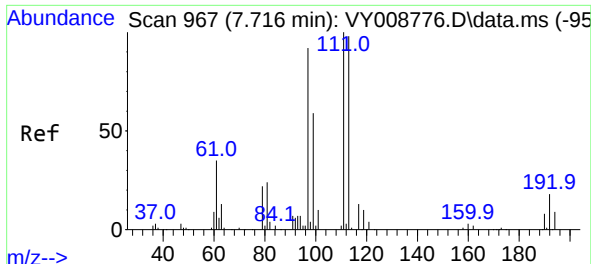
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 12.6 0.0 31.8

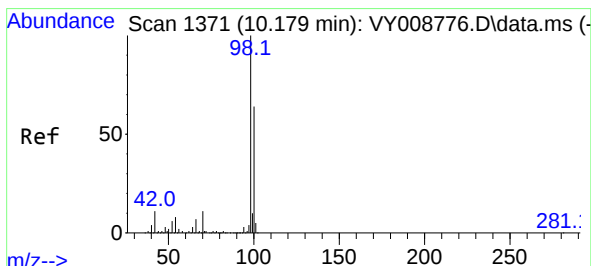
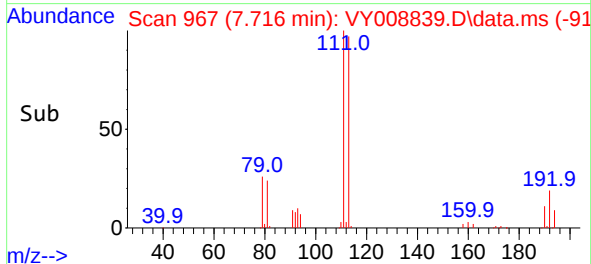
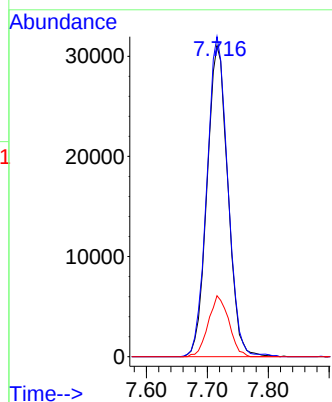
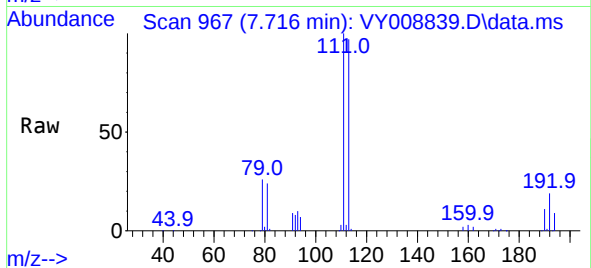




#35
Dibromofluoromethane
Concen: 55.270 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008839.D
Acq: 19 May 2022 01:48

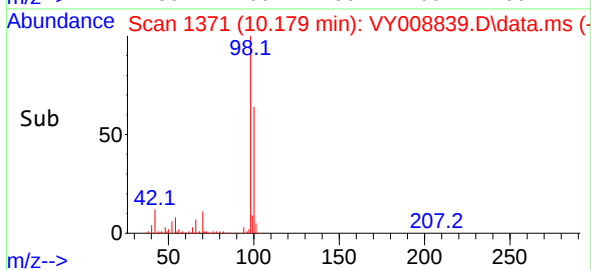
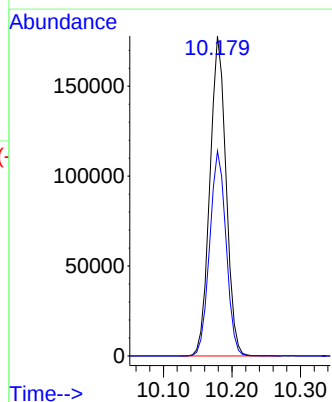
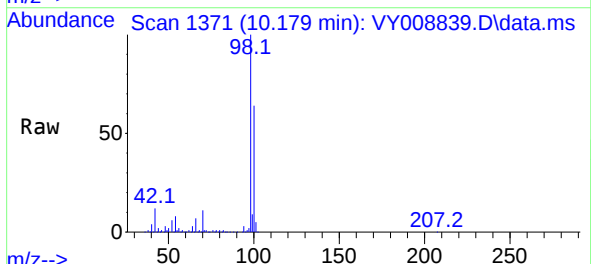
Instrument :
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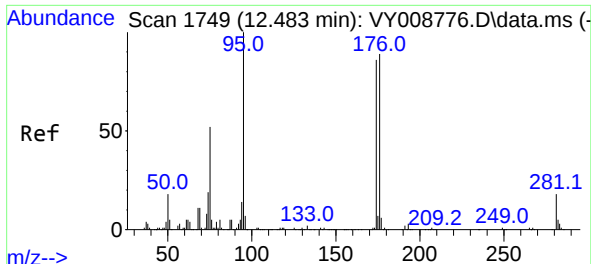
Tgt Ion:113 Resp: 73878
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 49.213 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008839.D
Acq: 19 May 2022 01:48

Tgt Ion: 98 Resp: 292084
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

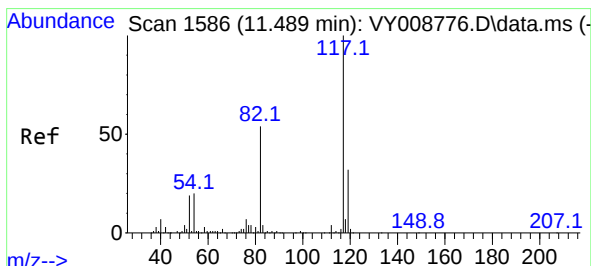
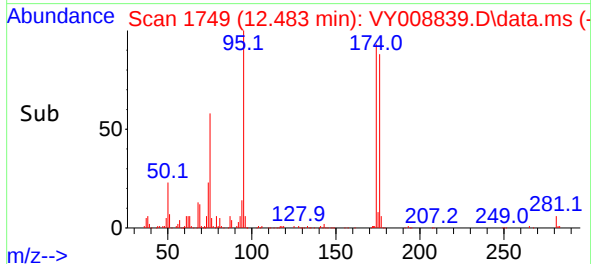
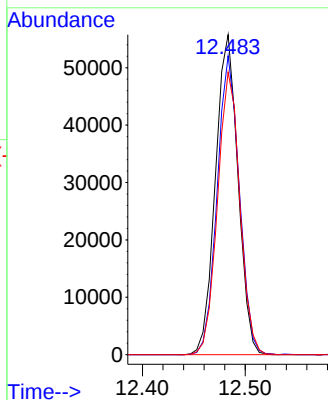
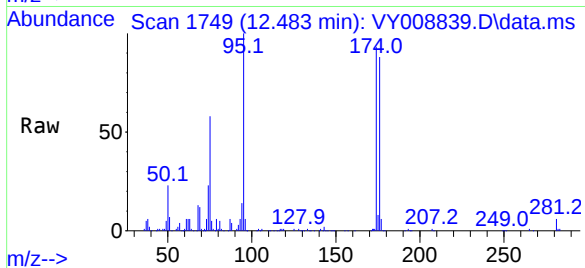




#62
4-Bromofluorobenzene
Concen: 40.644 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008839.D
Acq: 19 May 2022 01:48

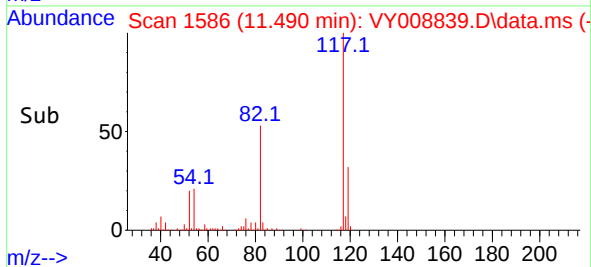
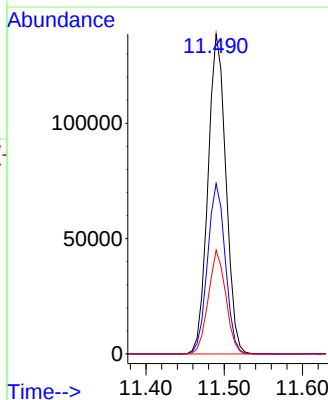
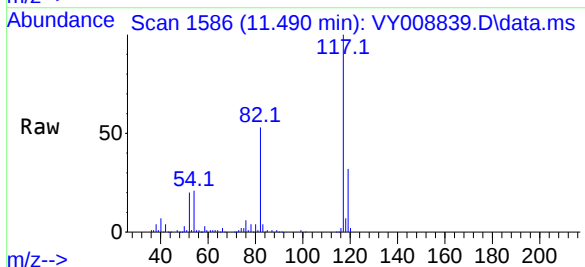
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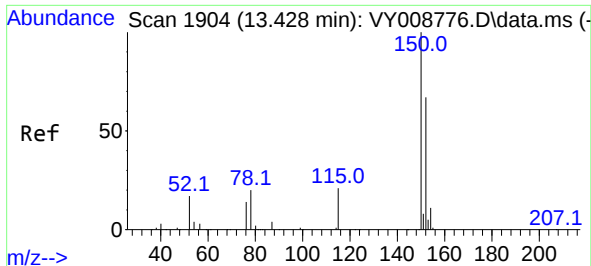
Tgt Ion:	95	Resp:	84692
Ion Ratio	Lower	Upper	
95	100		
174	91.8	0.0	177.0
176	87.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008839.D
Acq: 19 May 2022 01:48

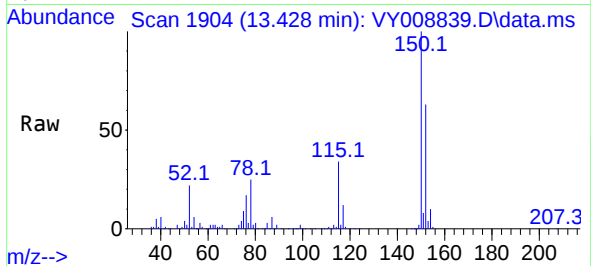
Tgt Ion:	117	Resp:	220278
Ion Ratio	Lower	Upper	
117	100		
82	53.2	43.0	64.4
119	32.4	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008839.D
 Acq: 19 May 2022 01:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 P031-SS001-0612-01



Tgt Ion:152 Resp: 93685
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 160.8 0.0 347.6

