

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010399.D
 Acq On : 08 Sep 2022 16:35
 Operator : KP/MD
 Sample : N4500-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-1.5-2.0

Quant Time: Sep 09 06:26:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

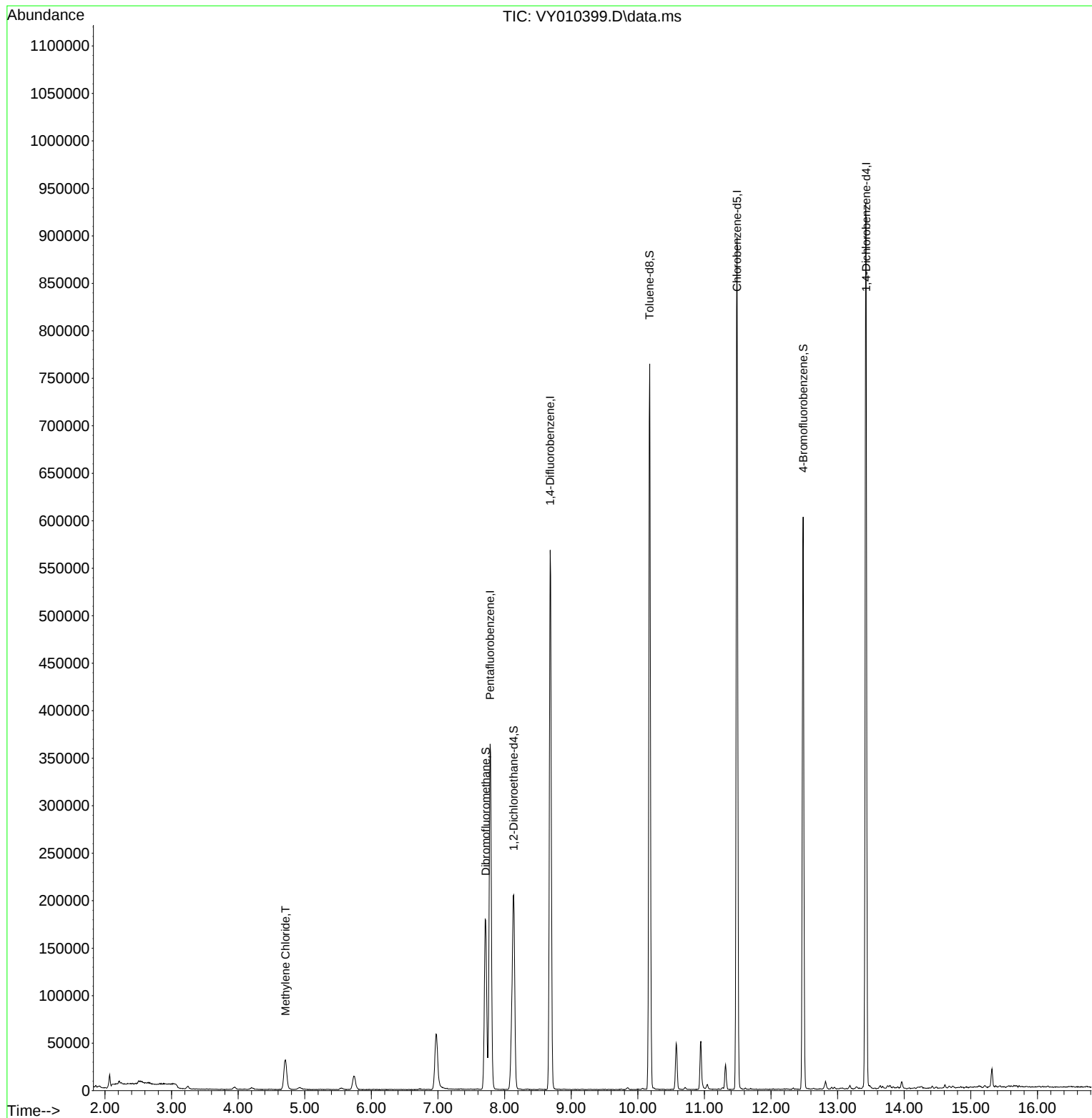
Internal Standards						
1) Pentafluorobenzene	7.783	168	298178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	513814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	505222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	248915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139535	45.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.280%
35) Dibromofluoromethane	7.716	113	129841	37.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.920%
50) Toluene-d8	10.179	98	507844	44.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.700%
62) 4-Bromofluorobenzene	12.483	95	181855	38.156	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.320%
Target Compounds						
20) Methylene Chloride	4.710	84	24706	6.698	ug/l	# 81

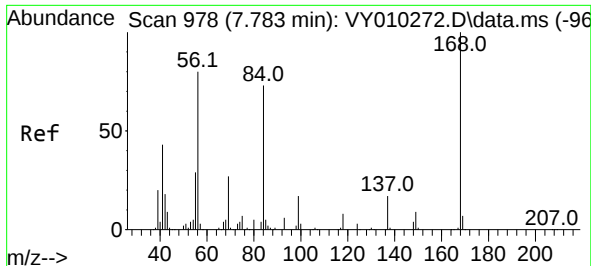
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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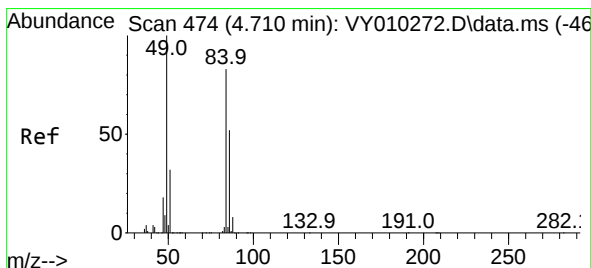
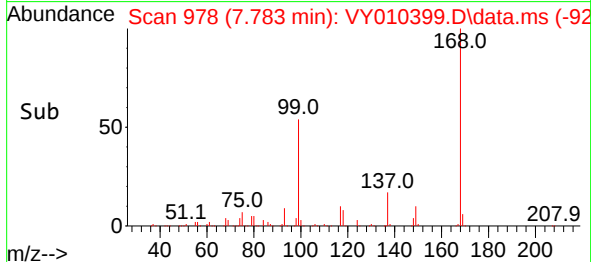
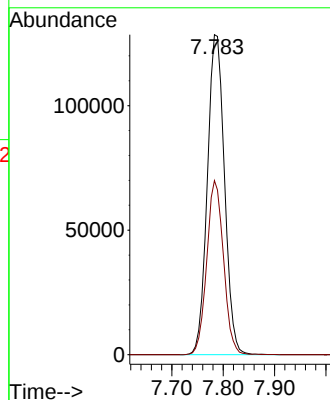
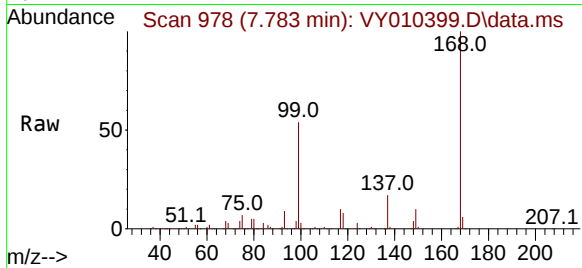




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010399.D
Acq: 08 Sep 2022 16:35

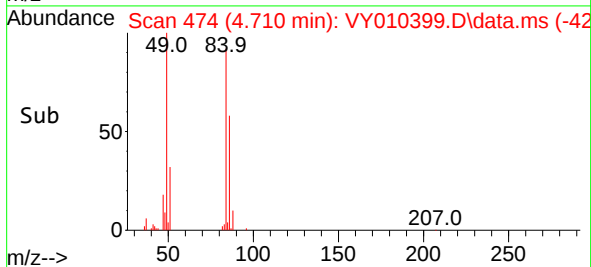
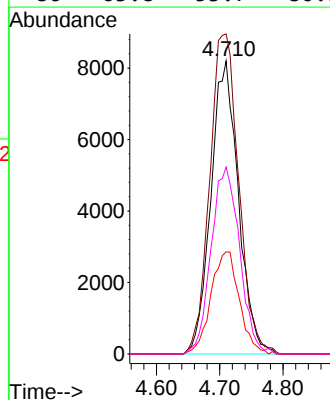
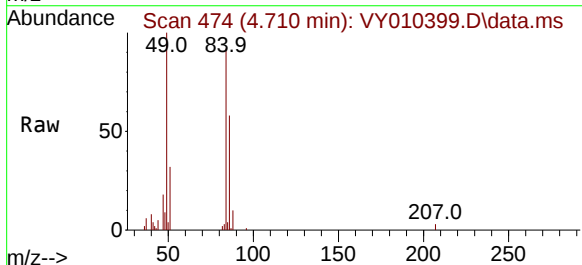
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-1.5-2.0

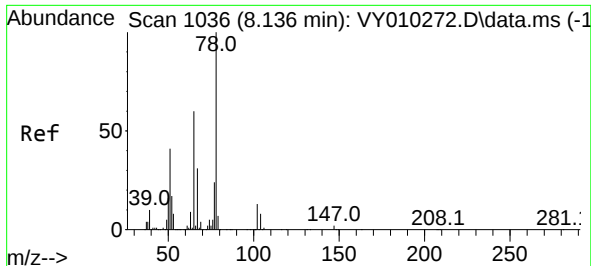
Tgt Ion:168 Resp: 298178
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#20
Methylene Chloride
Concen: 6.698 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010399.D
Acq: 08 Sep 2022 16:35

Tgt Ion: 84 Resp: 24706
Ion Ratio Lower Upper
84 100
49 109.2 114.4 171.6#
51 34.9 35.3 52.9#
86 63.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 45.637 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010399.D

Acq: 08 Sep 2022 16:35

Instrument :

MSVOA_Y

ClientSampleId :

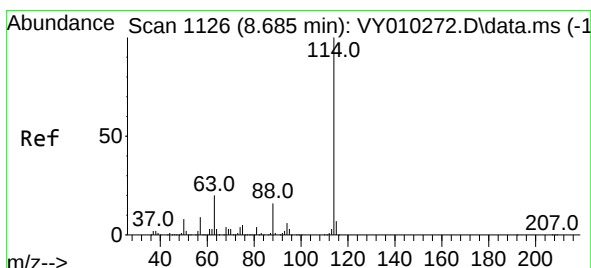
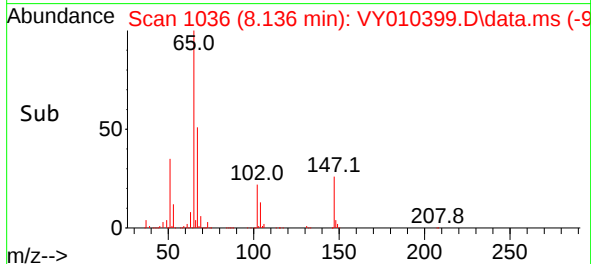
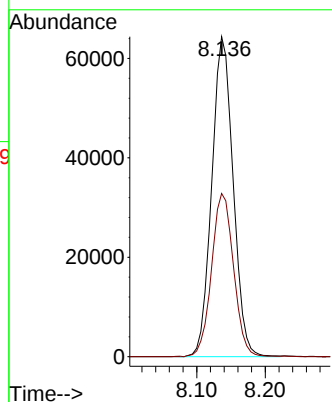
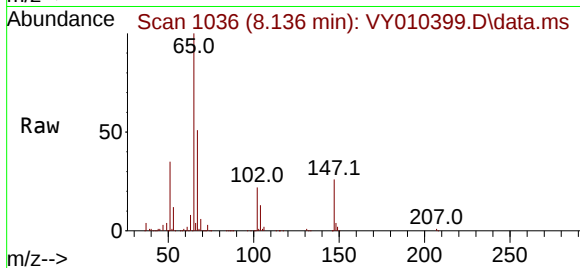
SB-09-1.5-2.0

Tgt Ion: 65 Resp: 139535

Ion Ratio Lower Upper

65 100

67 52.4 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: VY010399.D

Acq: 08 Sep 2022 16:35

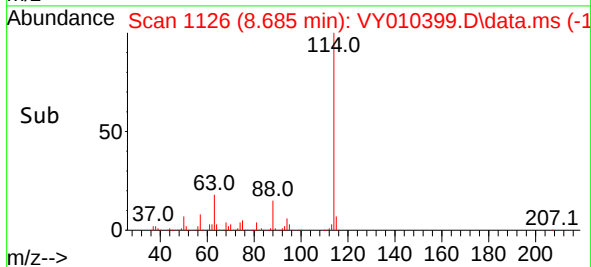
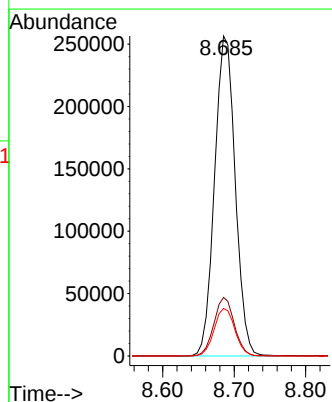
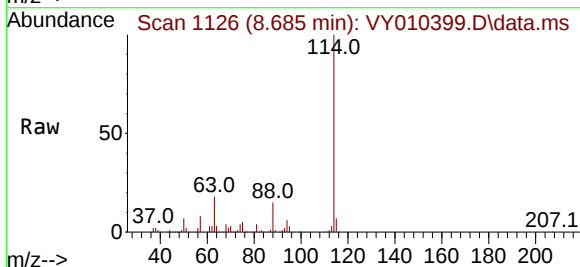
Tgt Ion: 114 Resp: 513814

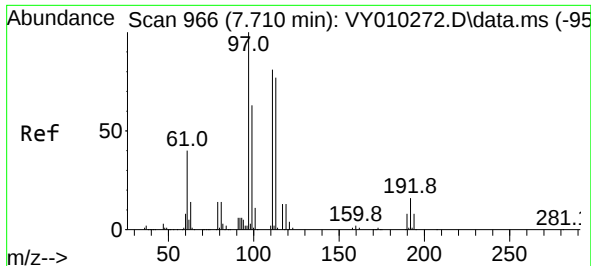
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.9 0.0 31.8

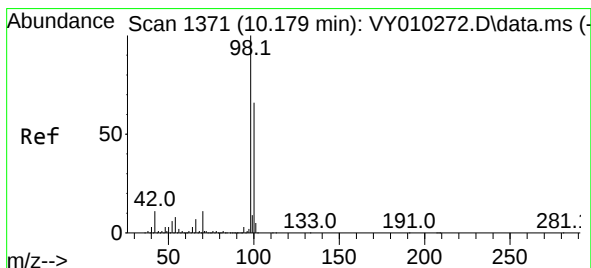
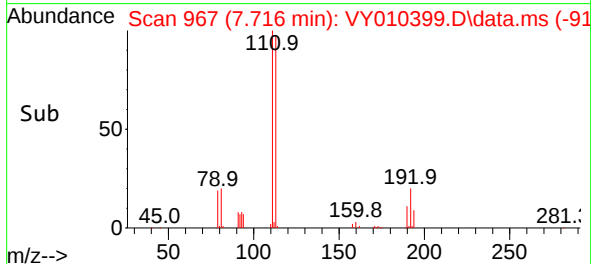
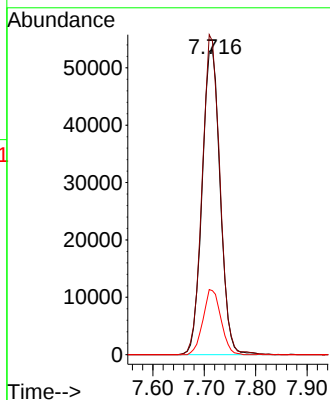
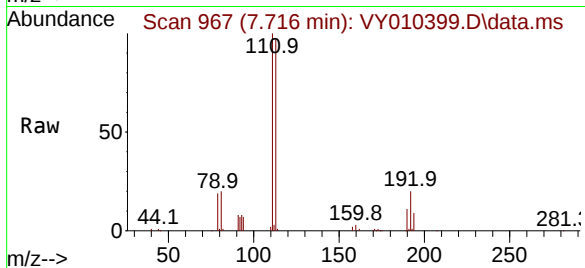




#35
Dibromofluoromethane
Concen: 37.959 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010399.D
Acq: 08 Sep 2022 16:35

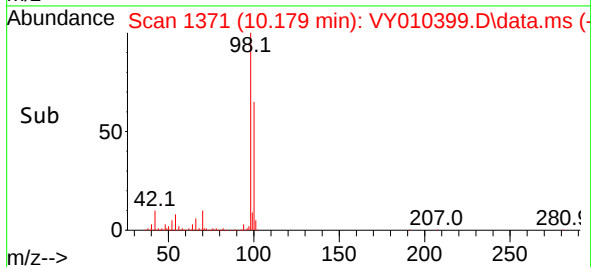
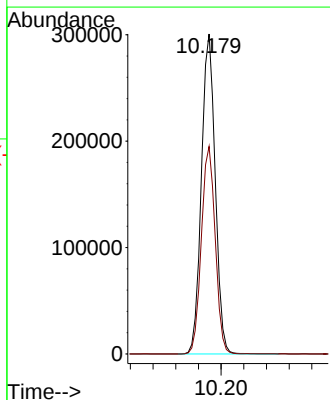
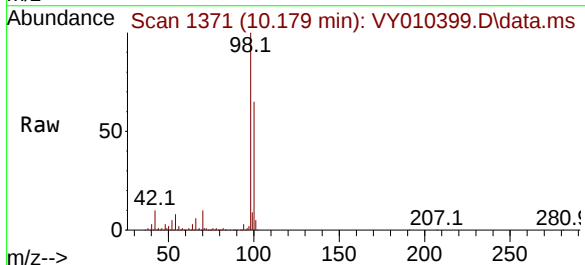
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-1.5-2.0

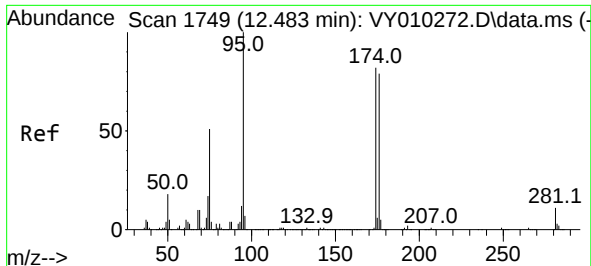
Tgt Ion:113 Resp: 129841
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 21.1 17.6 26.4



#50
Toluene-d8
Concen: 44.345 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010399.D
Acq: 08 Sep 2022 16:35

Tgt Ion: 98 Resp: 507844
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

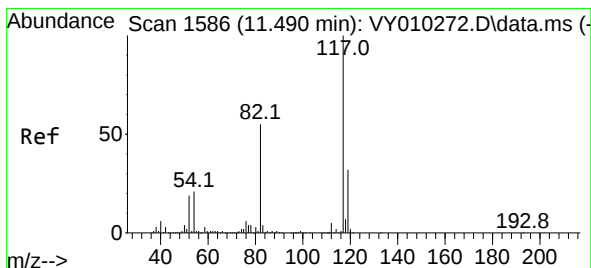
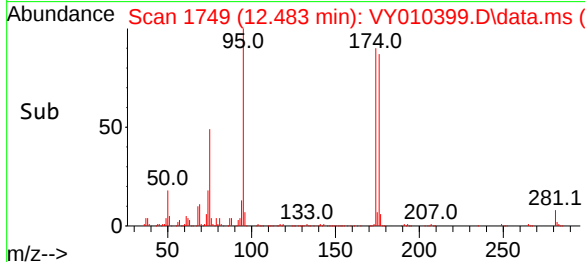
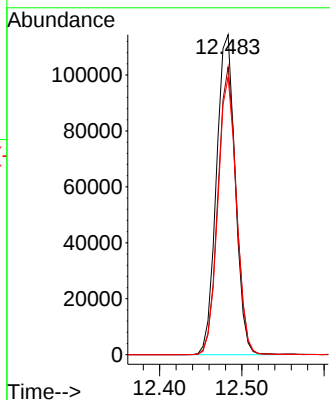
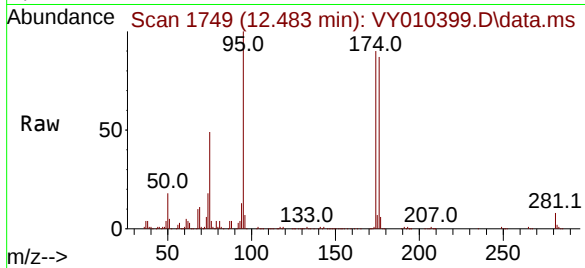




#62
4-Bromofluorobenzene
Concen: 38.156 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010399.D
Acq: 08 Sep 2022 16:35

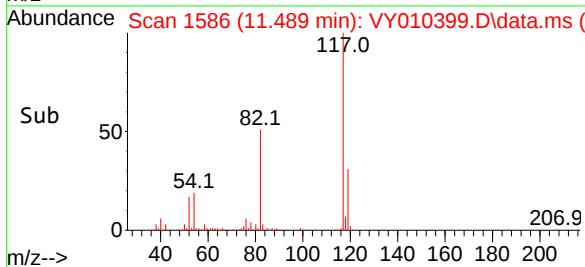
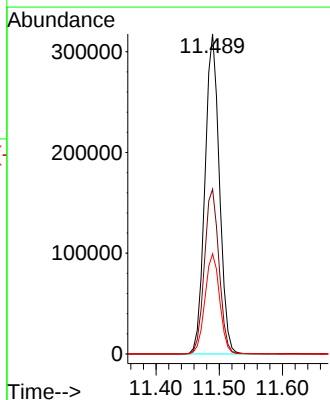
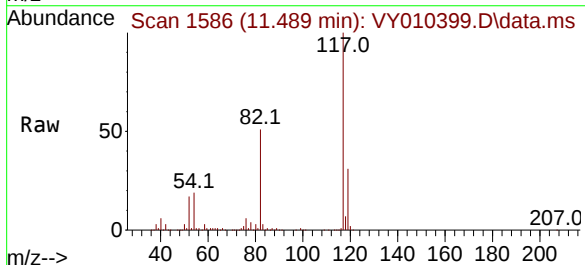
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-1.5-2.0

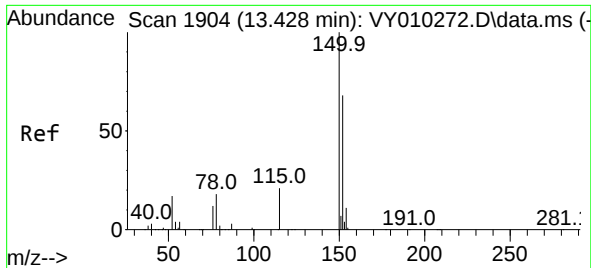
Tgt Ion: 95 Resp: 181855
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 85.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010399.D
Acq: 08 Sep 2022 16:35

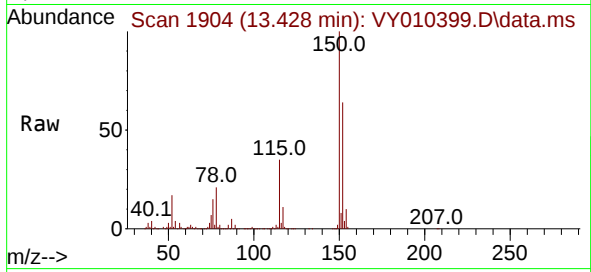
Tgt Ion: 117 Resp: 505222
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY010399.D
 Acq: 08 Sep 2022 16:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-1.5-2.0



Tgt Ion:	152	Resp:	248915
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	156.9	0.0	347.6

