

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010849.D
 Acq On : 06 Oct 2022 16:52
 Operator : KP/MD
 Sample : N5004-03RE
 Misc : 6.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-14-8.5RE

Quant Time: Oct 07 02:30:25 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)

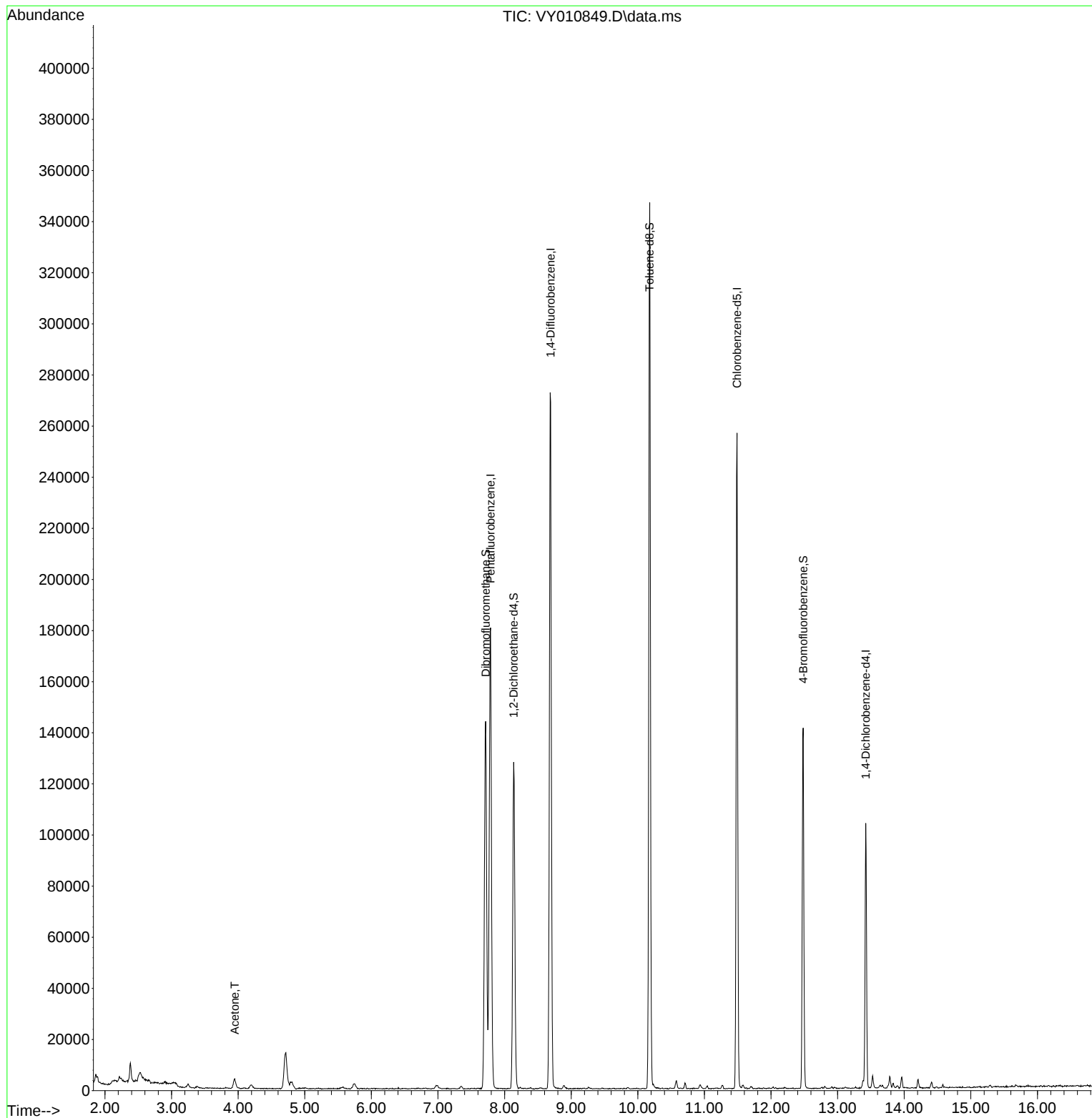
Internal Standards						
1) Pentafluorobenzene	7.789	168	139995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98592	69.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.960%
35) Dibromofluoromethane	7.716	113	102476	65.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.160%
50) Toluene-d8	10.179	98	228673	42.464	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.920%
62) 4-Bromofluorobenzene	12.483	95	40869	16.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	34.000%
Target Compounds						
16) Acetone	3.948	43	6992	19.401	ug/l	Qvalue 100

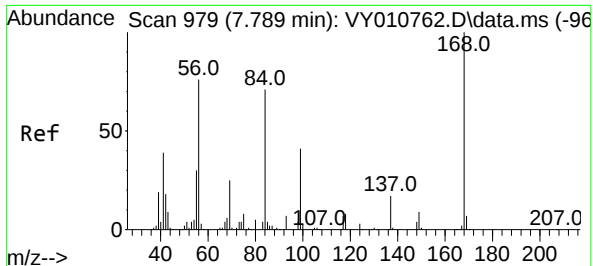
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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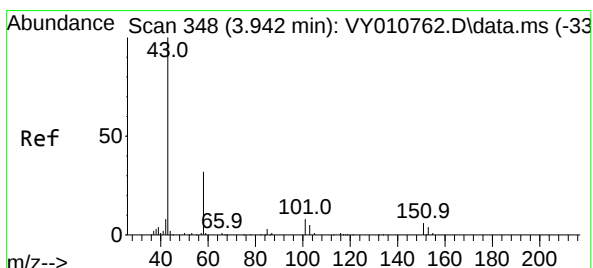
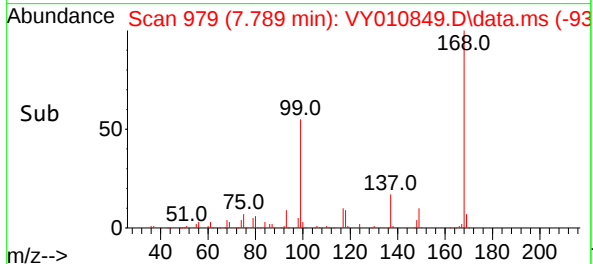
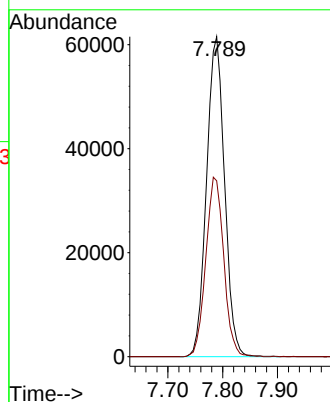
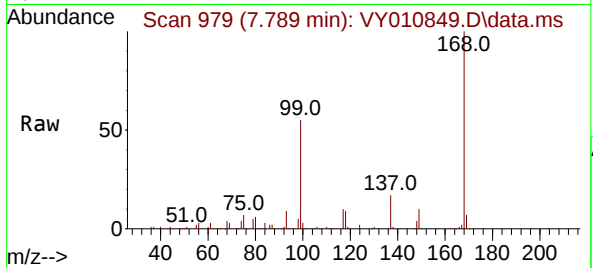




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

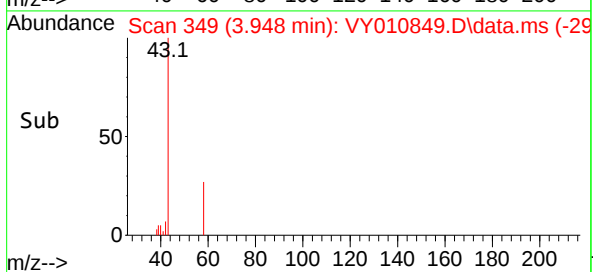
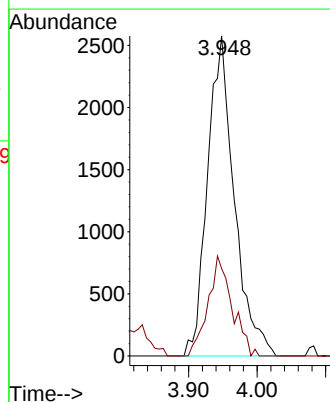
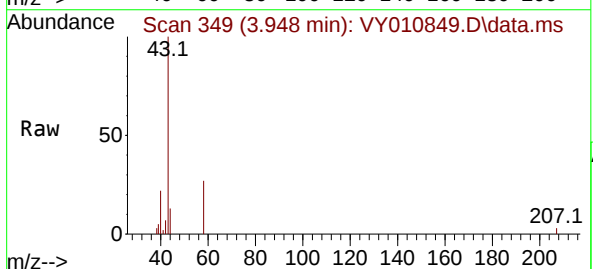
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5RE

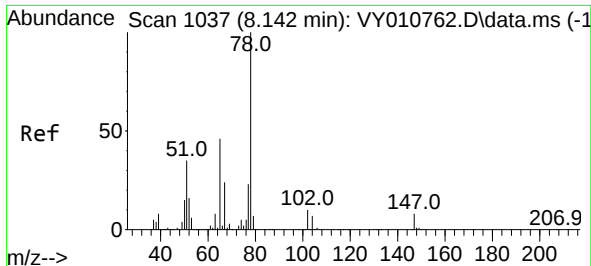
Tgt Ion:168 Resp: 139995
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#16
Acetone
Concen: 19.401 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 43 Resp: 6992
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 69.479 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010849.D

Acq: 06 Oct 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

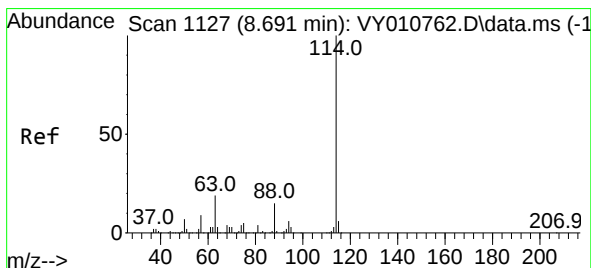
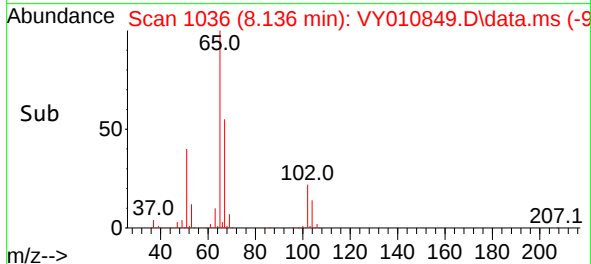
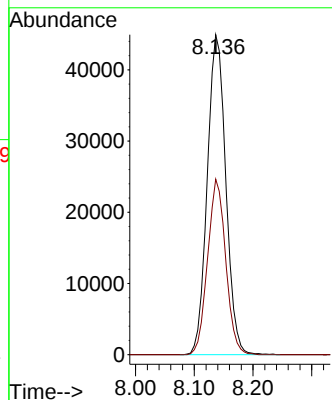
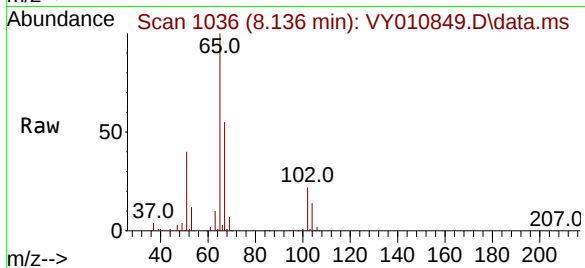
DA-14-8.5RE

Tgt Ion: 65 Resp: 98592

Ion Ratio Lower Upper

65 100

67 53.4 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: VY010849.D

Acq: 06 Oct 2022 16:52

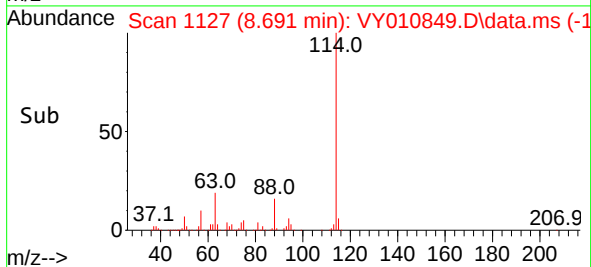
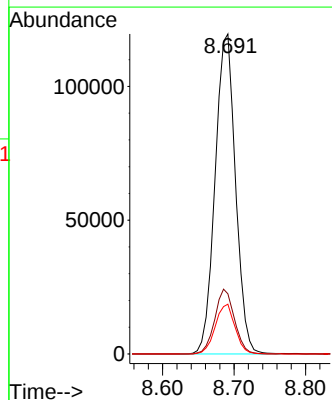
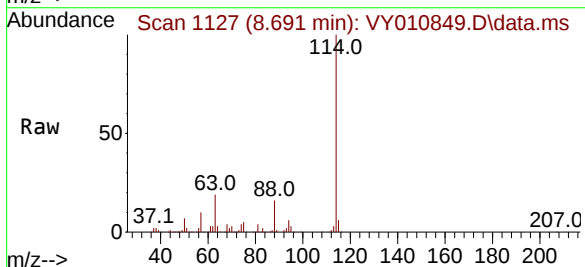
Tgt Ion: 114 Resp: 237215

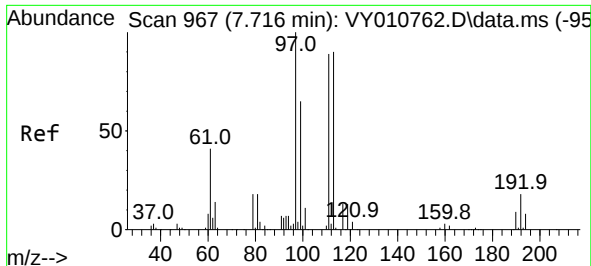
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.5 0.0 31.8

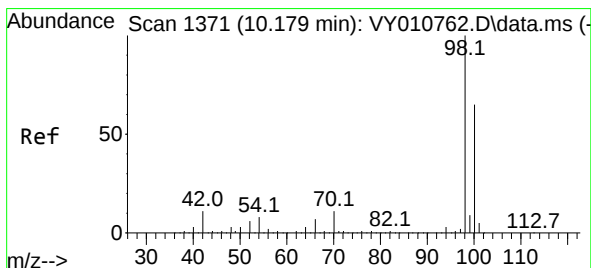
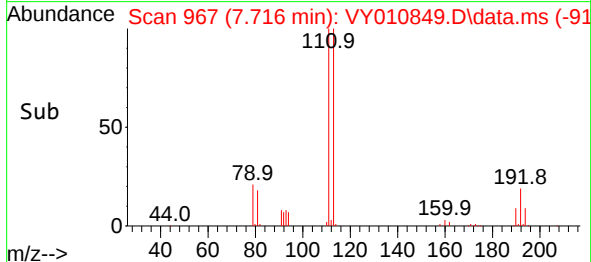
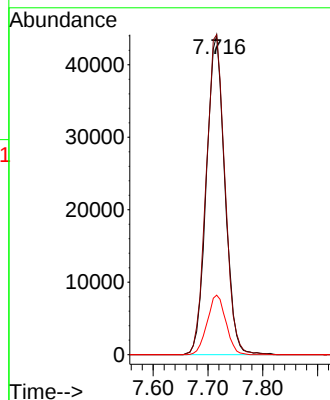
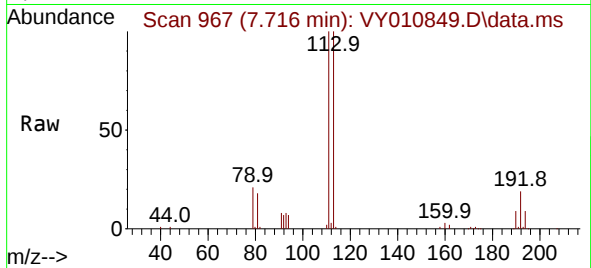




#35
Dibromofluoromethane
Concen: 65.079 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

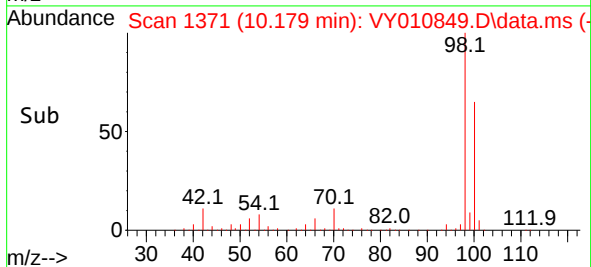
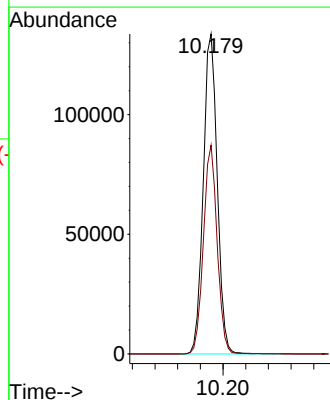
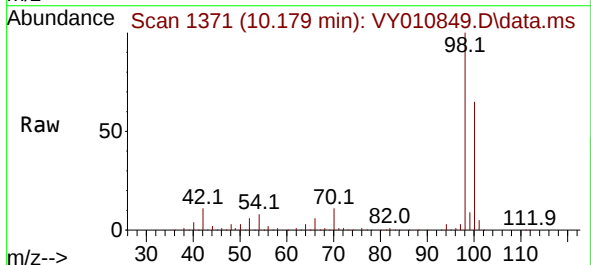
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5RE

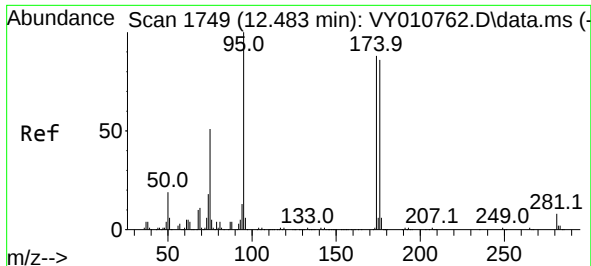
Tgt Ion:113 Resp: 102476
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.9 17.6 26.4



#50
Toluene-d8
Concen: 42.464 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 98 Resp: 228673
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

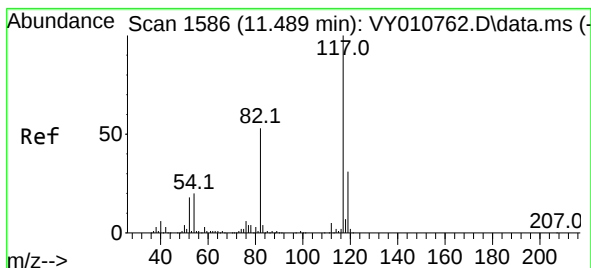
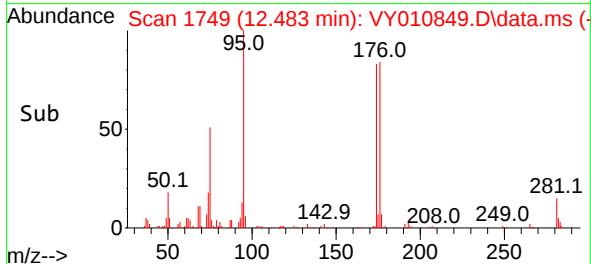
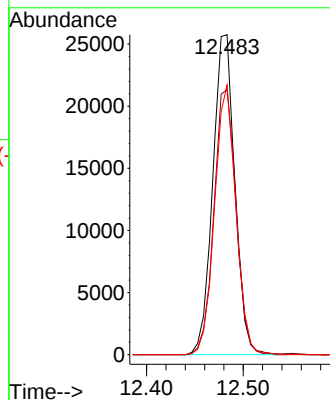
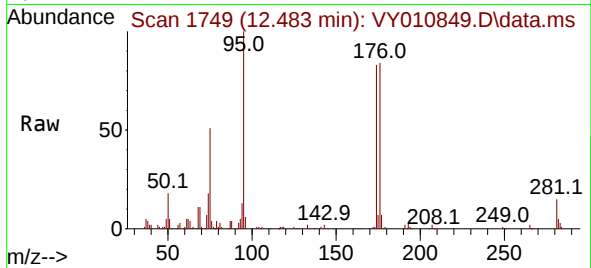




#62
4-Bromofluorobenzene
Concen: 16.997 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

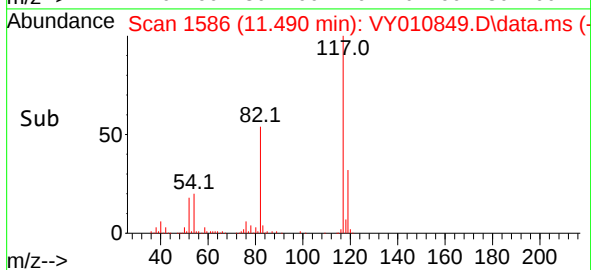
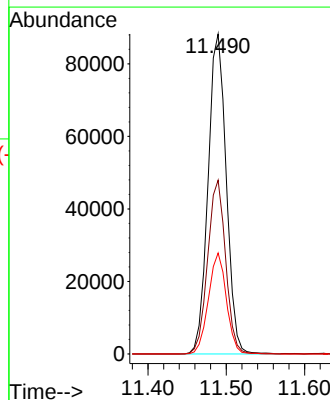
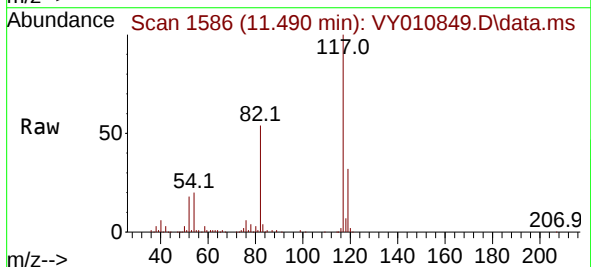
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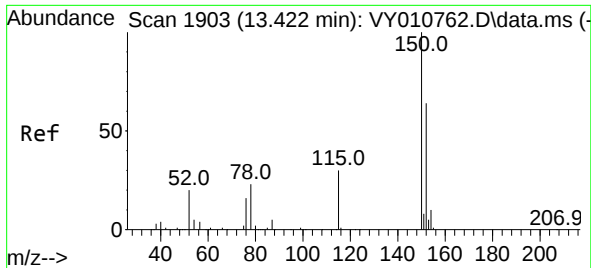
Tgt Ion: 95 Resp: 40869
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 81.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 117 Resp: 142041
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.6 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: VY010849.D
 Acq: 06 Oct 2022 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-14-8.5RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.2	84.7
150	158.3	0.0	347.6

