

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010839.D
 Acq On : 06 Oct 2022 13:06
 Operator : KP/MD
 Sample : N5012-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-3-100522

Quant Time: Oct 07 02:28:43 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	285282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	480911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	428232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	164868	57.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.020%
35) Dibromofluoromethane	7.716	113	173247	54.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.540%
50) Toluene-d8	10.179	98	541628	49.612	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.483	95	211827	49.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.280%

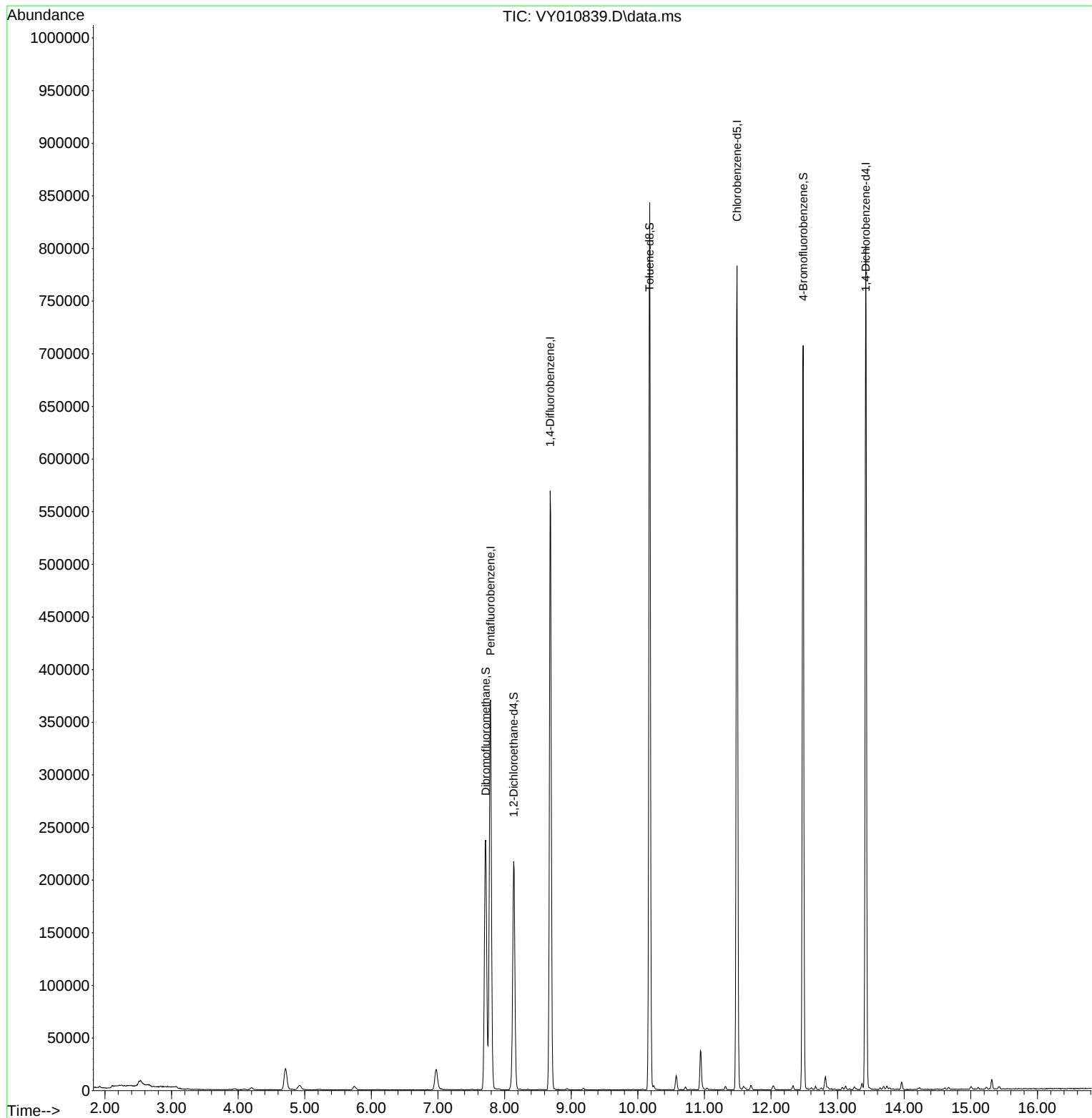
Target Compounds	Qvalue

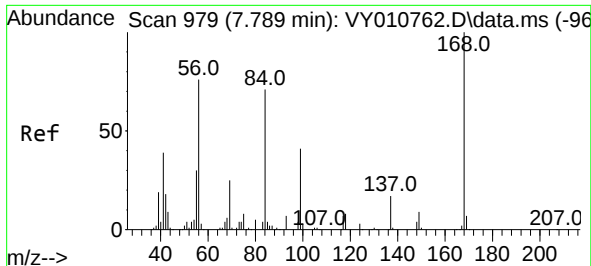
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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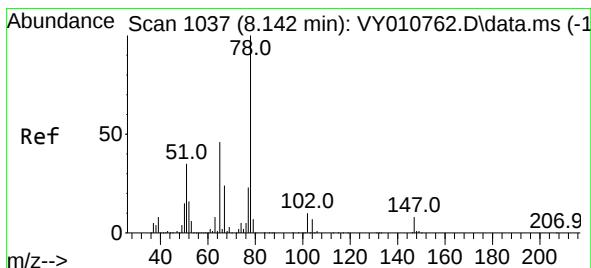
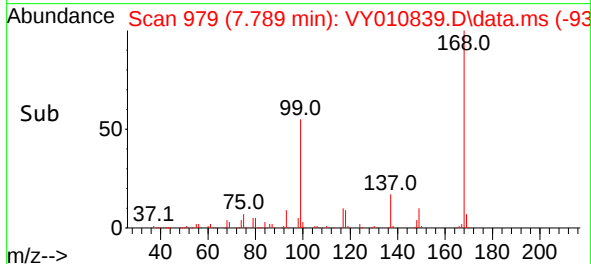
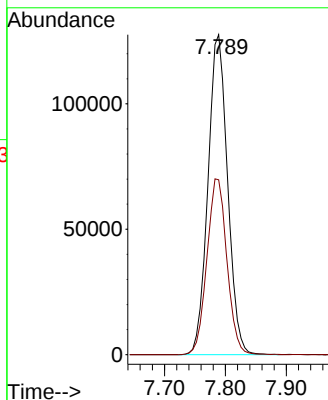
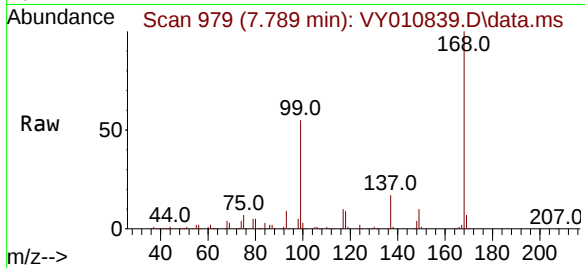




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010839.D
Acq: 06 Oct 2022 13:06

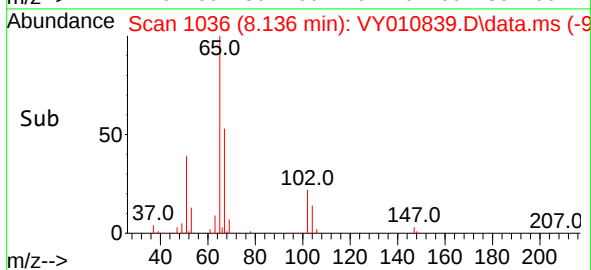
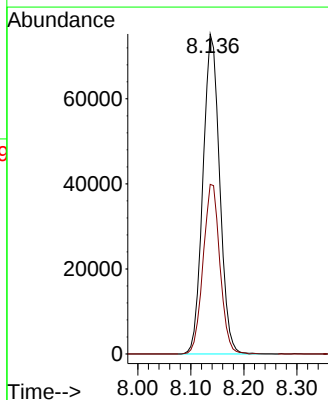
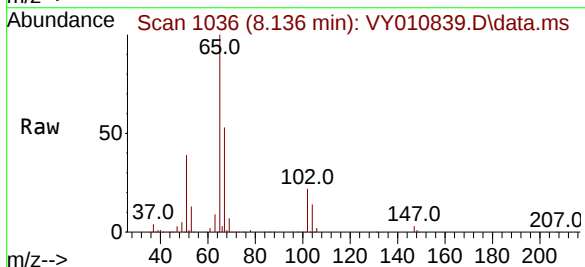
Instrument :
MSVOA_Y
ClientSampleId :
OE-3-100522

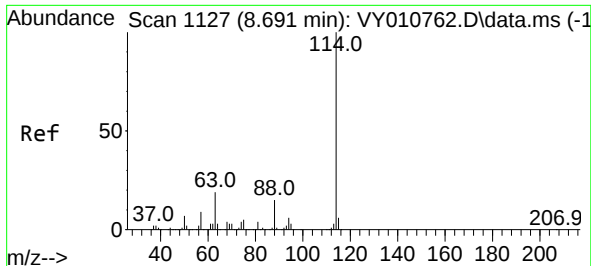
Tgt Ion:168 Resp: 285282
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.014 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010839.D
Acq: 06 Oct 2022 13:06

Tgt Ion: 65 Resp: 164868
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

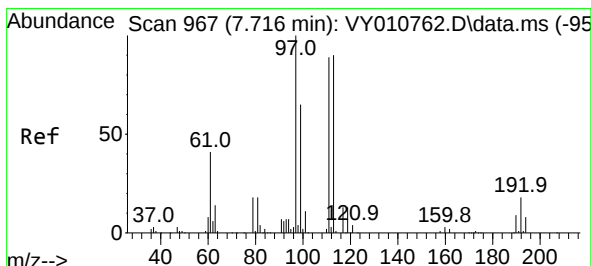
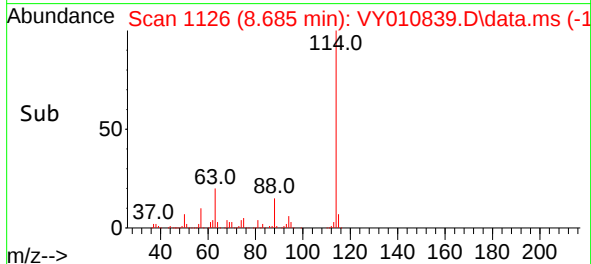
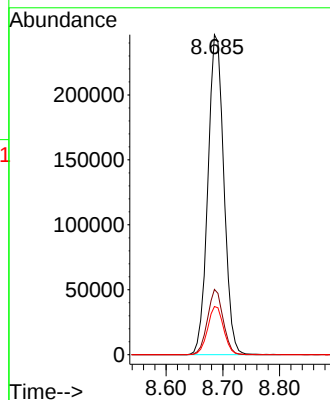
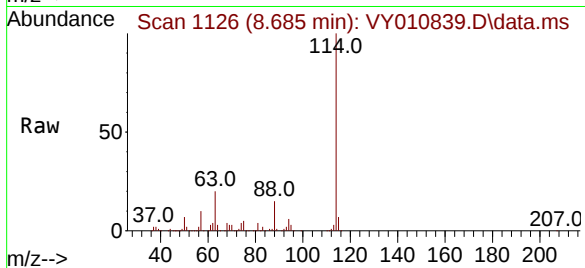




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY010839.D
Acq: 06 Oct 2022 13:06

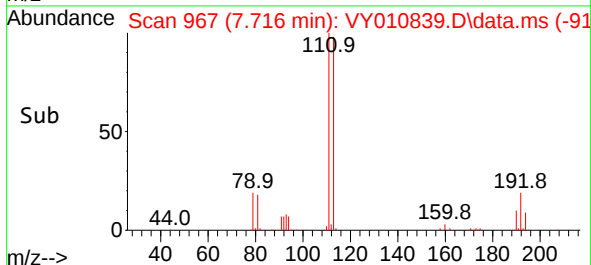
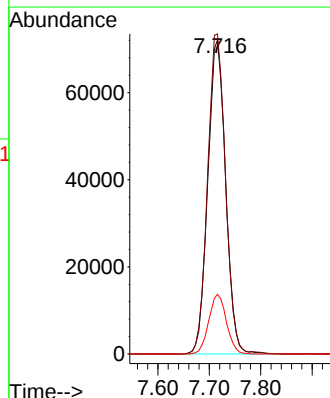
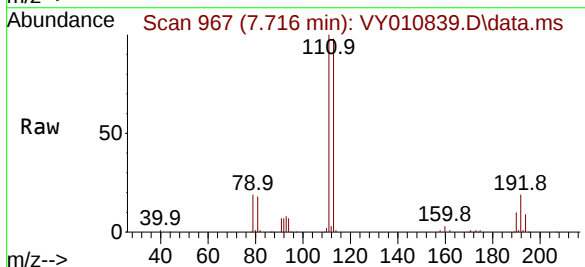
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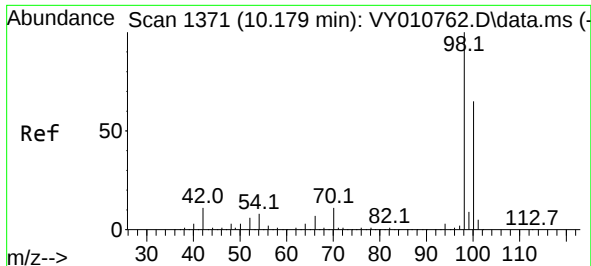
Tgt Ion:114 Resp: 480911
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.270 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010839.D
Acq: 06 Oct 2022 13:06

Tgt Ion:113 Resp: 173247
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.8 17.6 26.4

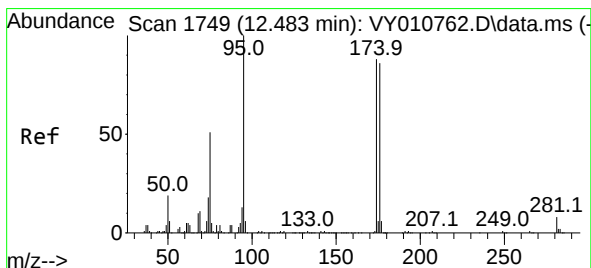
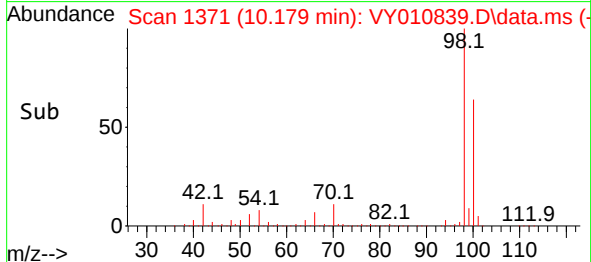
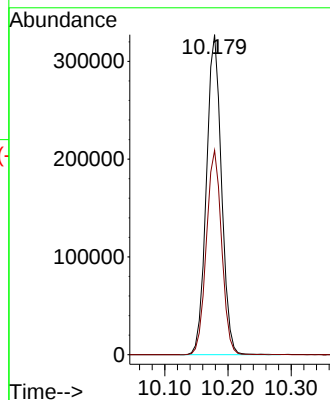
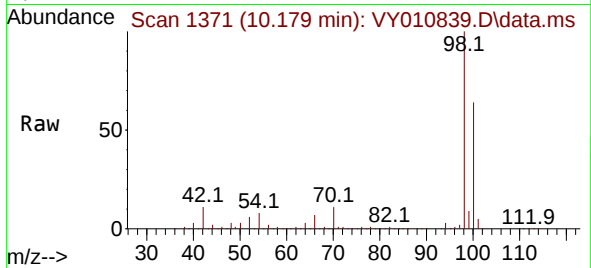




#50
Toluene-d8
Concen: 49.612 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010839.D
Acq: 06 Oct 2022 13:06

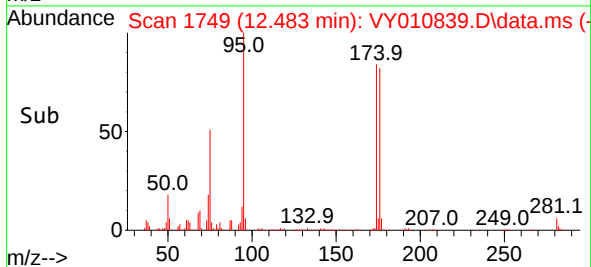
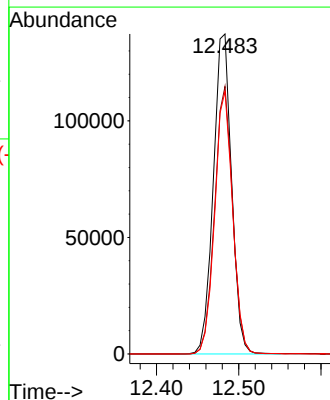
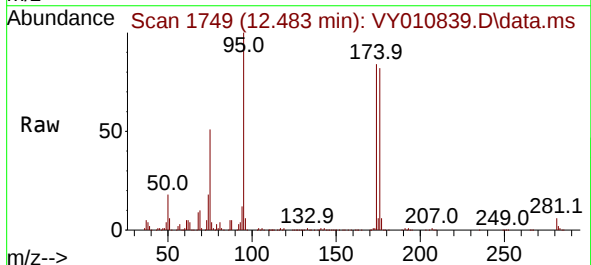
Instrument :
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OE-3-100522

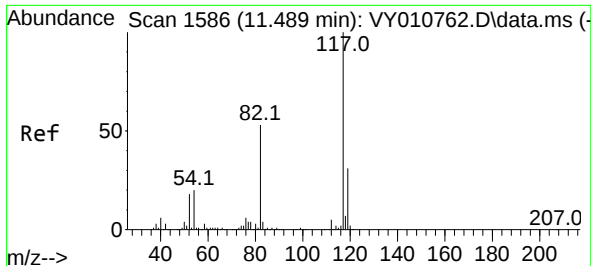
Tgt Ion: 98 Resp: 541628
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010839.D
Acq: 06 Oct 2022 13:06

Tgt Ion: 95 Resp: 211827
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 80.6 0.0 175.8

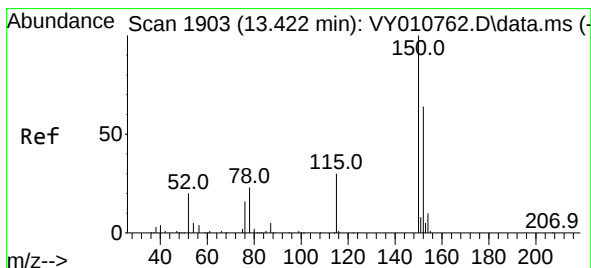
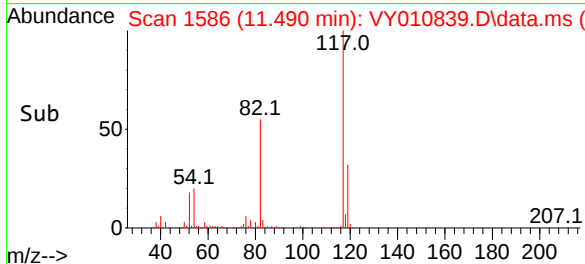
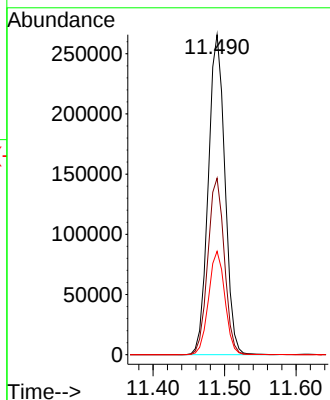
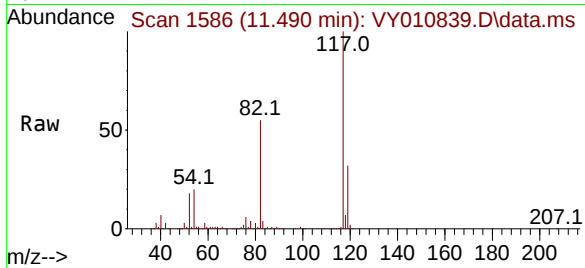




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010839.D
Acq: 06 Oct 2022 13:06

Instrument :
MSVOA_Y
ClientSampleId :
OE-3-100522

Tgt Ion:117 Resp: 428232
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.3 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: VY010839.D
Acq: 06 Oct 2022 13:06

Tgt Ion:152 Resp: 199366
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 158.7 0.0 347.6

