

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010525.D
 Acq On : 16 Sep 2022 11:02
 Operator : KP/MD
 Sample : VY0916SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBL01

Quant Time: Sep 17 00:27:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	200839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111020	54.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.760%
35) Dibromofluoromethane	7.716	113	108819	47.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.179	98	380885	51.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.483	95	134180	44.677	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.360%

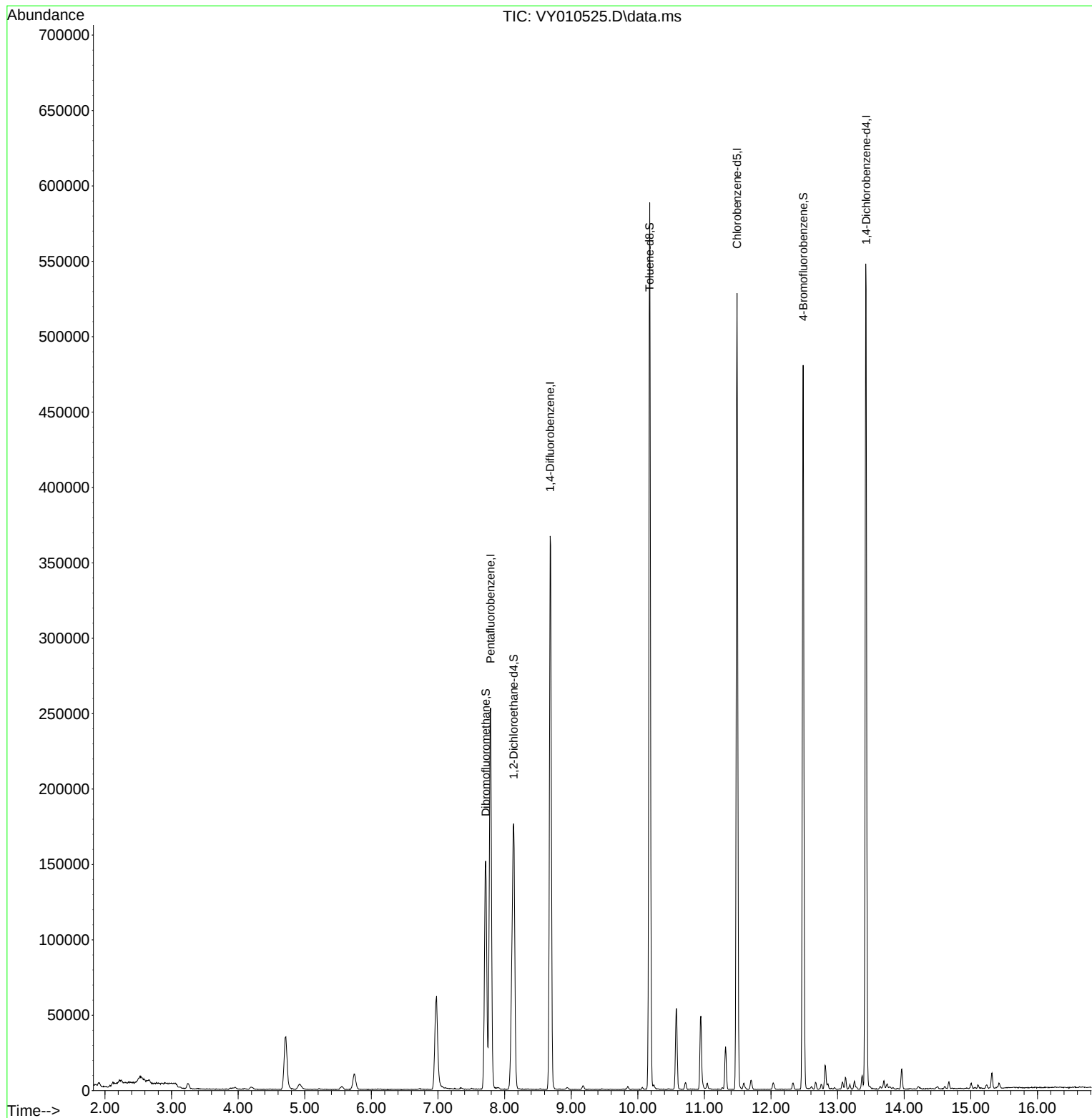
Target Compounds	Qvalue

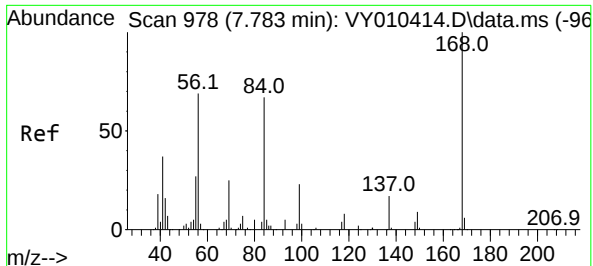
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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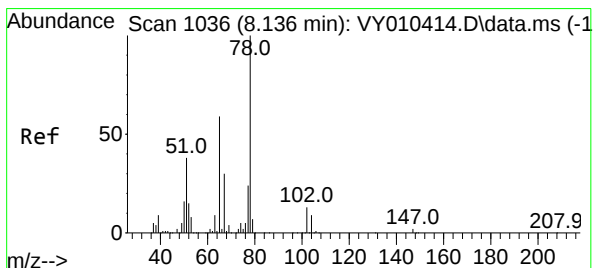
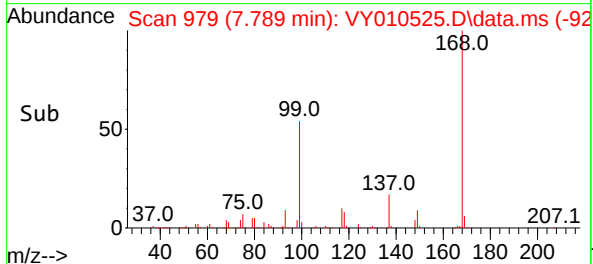
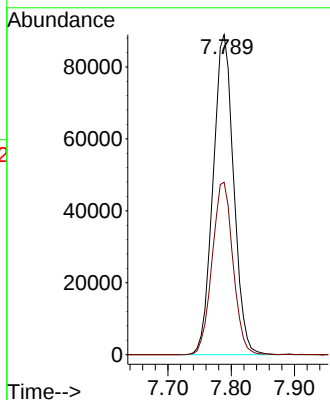
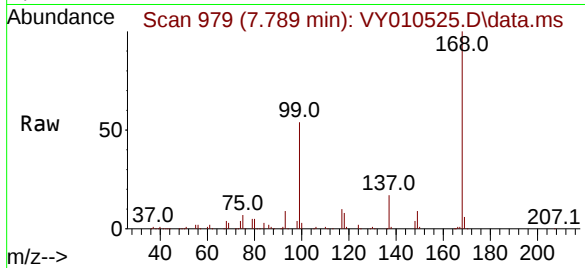




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

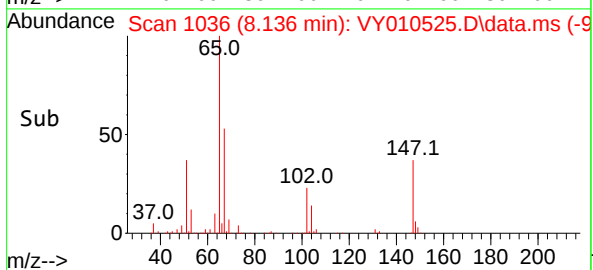
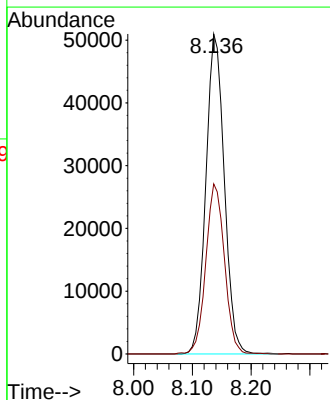
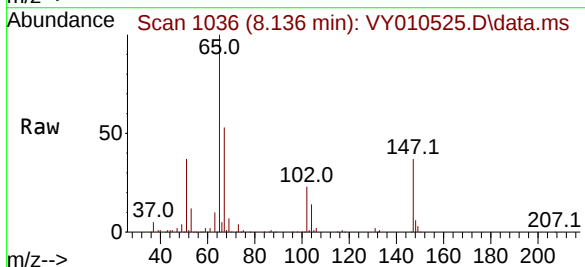
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

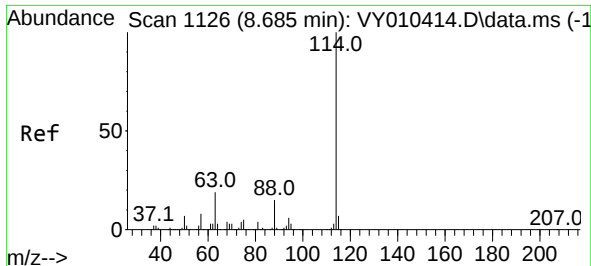
Tgt Ion:168 Resp: 200839
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.885 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion: 65 Resp: 111020
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

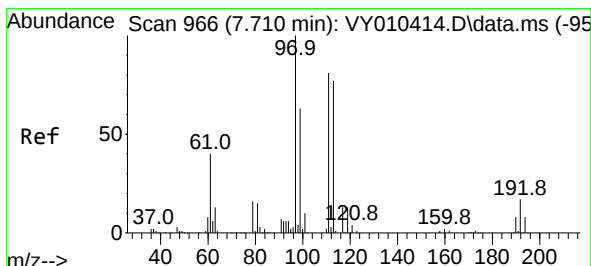
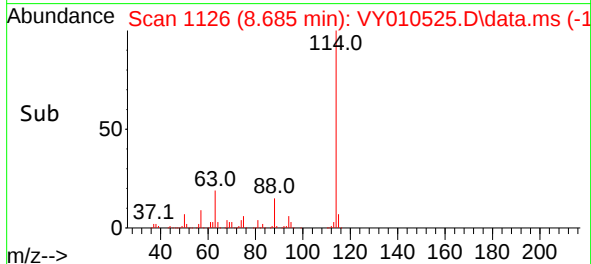
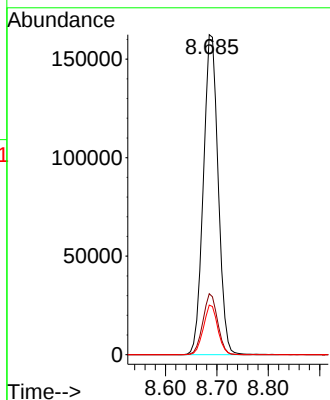
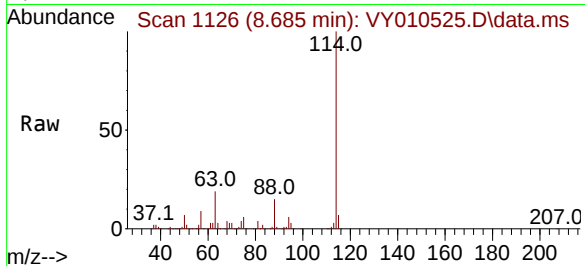




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

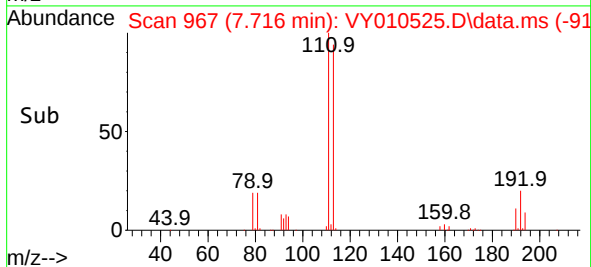
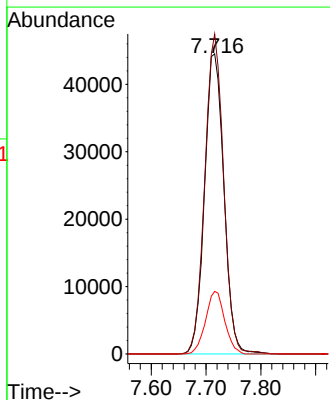
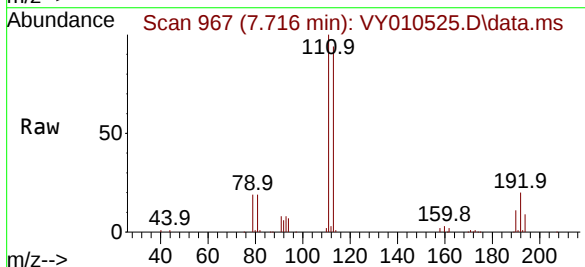
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VY0916SBL01

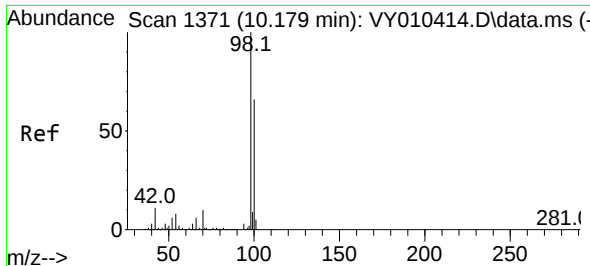
Tgt Ion:114 Resp: 324423
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.229 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion:113 Resp: 108819
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 20.7 17.6 26.4

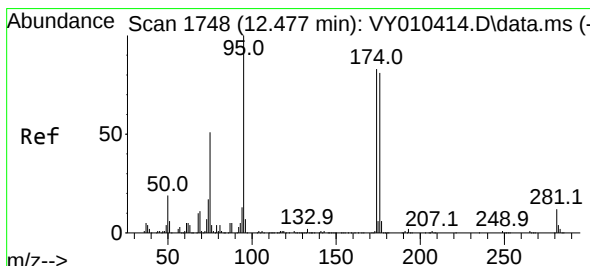
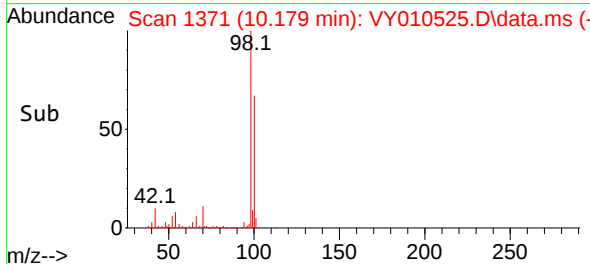
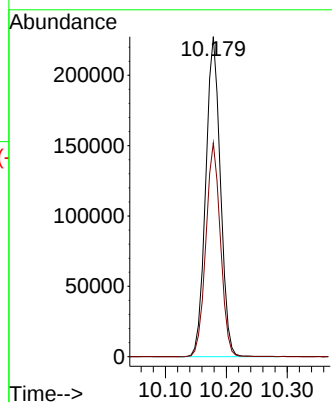
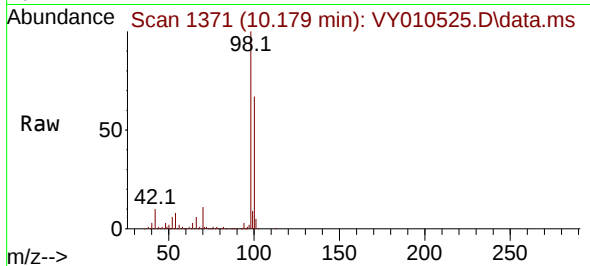




#50
Toluene-d8
Concen: 51.007 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

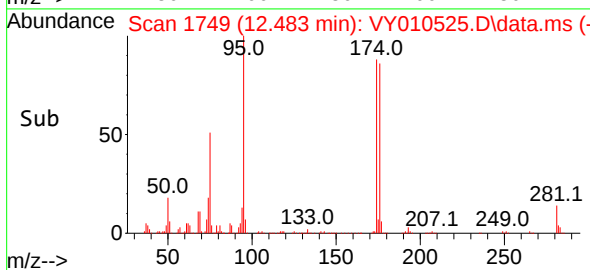
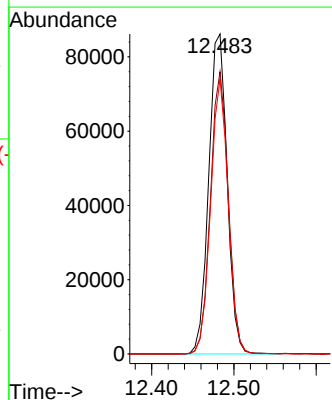
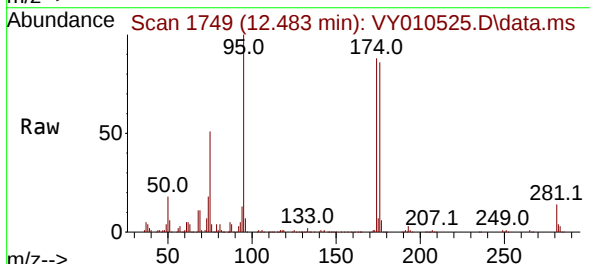
Instrument :
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VY0916SBL01

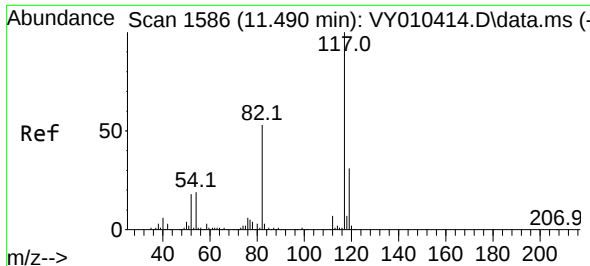
Tgt Ion: 98 Resp: 380885
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.677 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion: 95 Resp: 134180
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.1 0.0 175.8

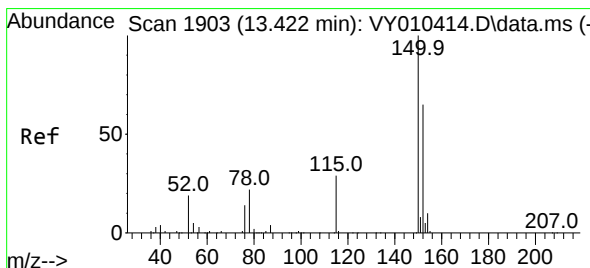
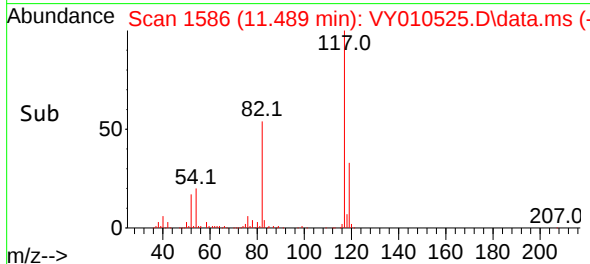
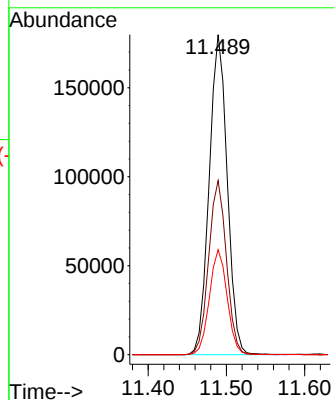
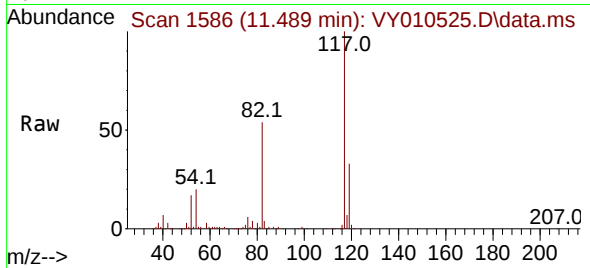




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

Tgt Ion:117 Resp: 287096
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.8 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: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion:152 Resp: 142739
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.0 0.0 347.6

