

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011060.D
 Acq On : 24 Oct 2022 11:49
 Operator : KP/MD
 Sample : VY1024SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBL01

Quant Time: Oct 25 05:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	252104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	420564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	372894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106342	45.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.580%
35) Dibromofluoromethane	7.710	113	111982	47.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.179	98	372670	42.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.880%
62) 4-Bromofluorobenzene	12.477	95	134082	42.653	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.300%

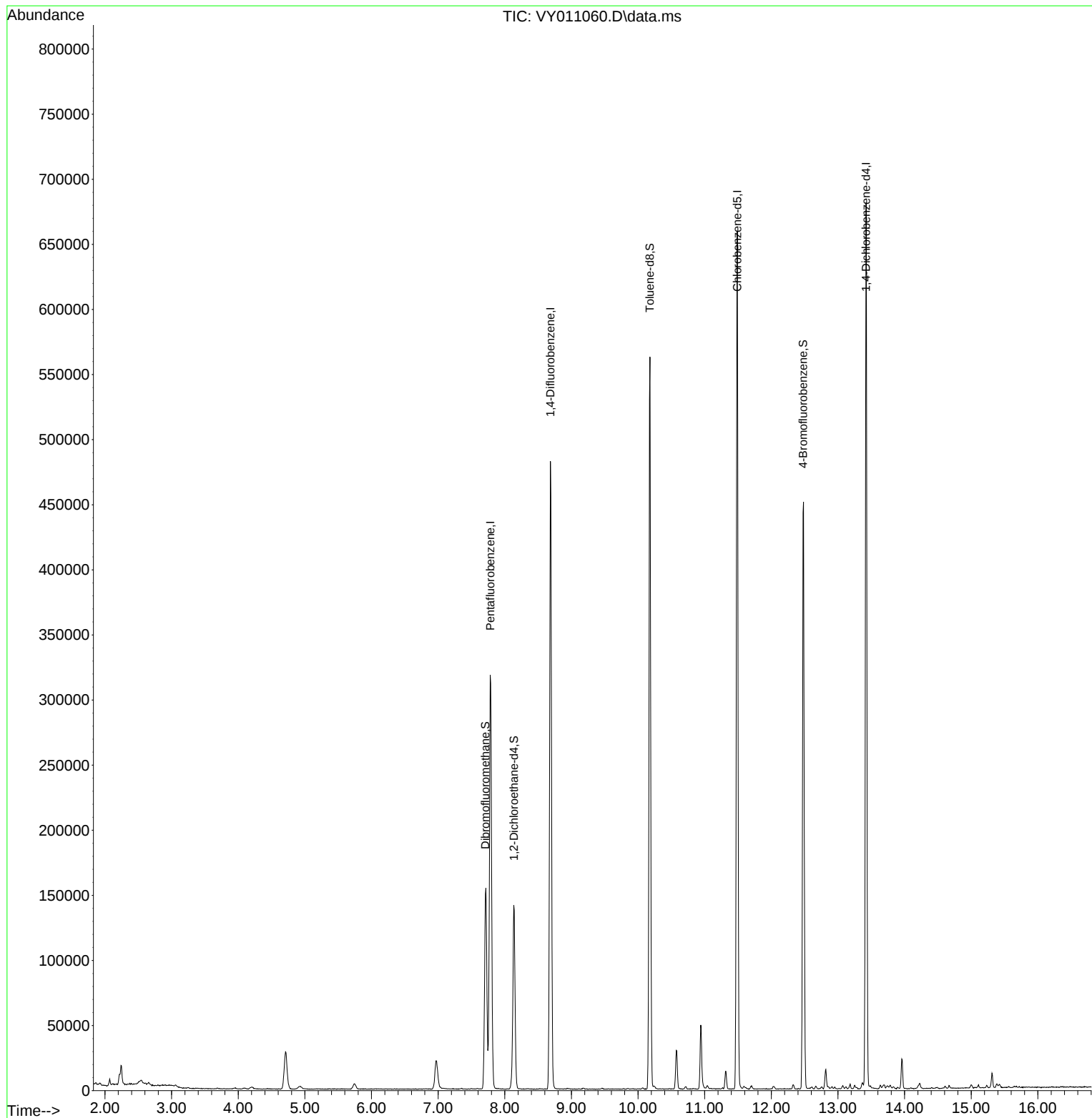
Target Compounds	Qvalue

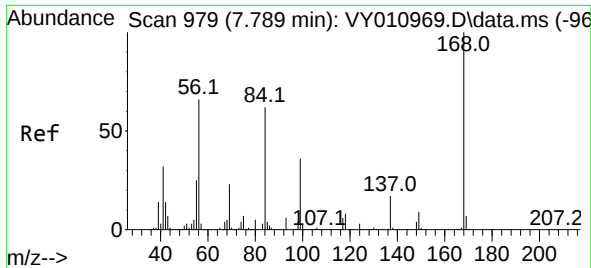
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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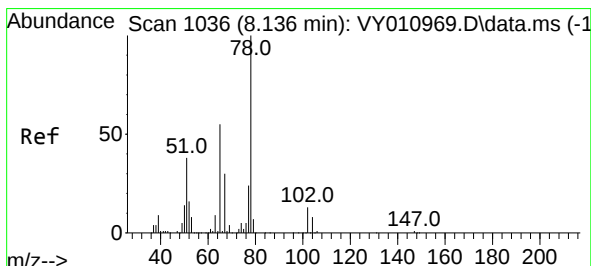
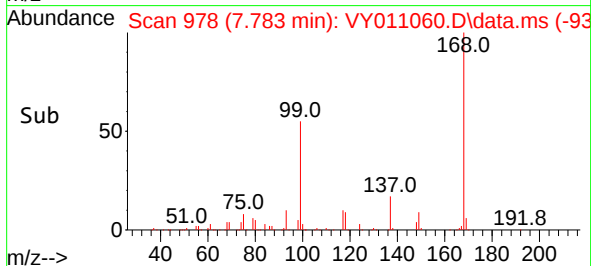
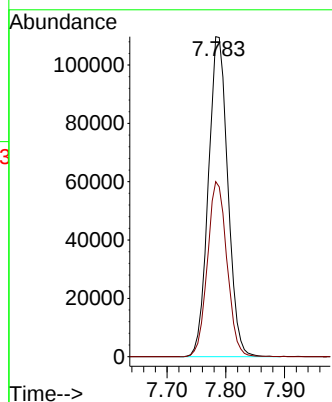
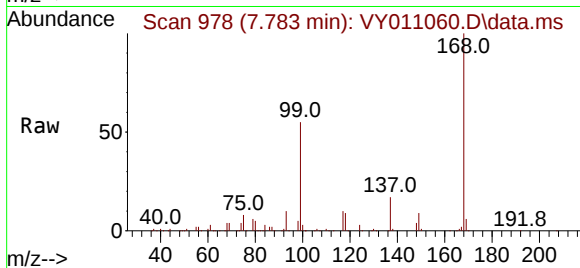




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011060.D
Acq: 24 Oct 2022 11:49

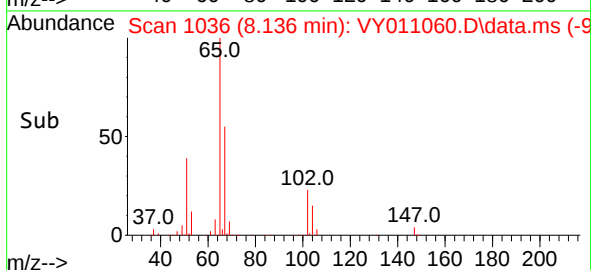
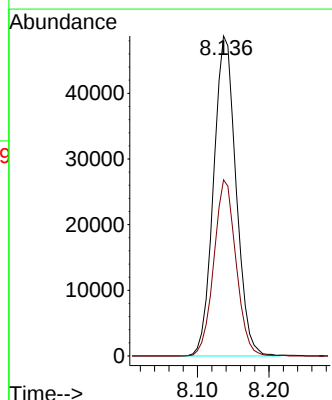
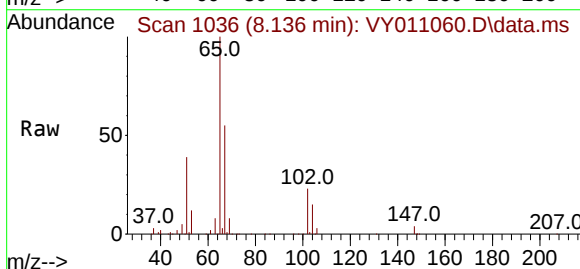
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

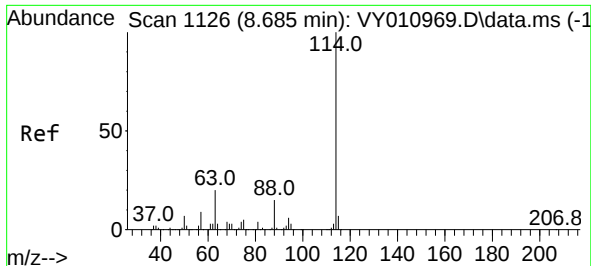
Tgt Ion:168 Resp: 252104
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.793 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011060.D
Acq: 24 Oct 2022 11:49

Tgt Ion: 65 Resp: 106342
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4

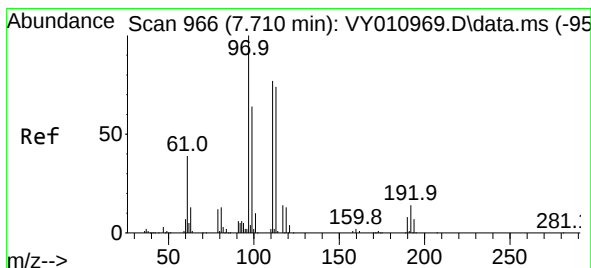
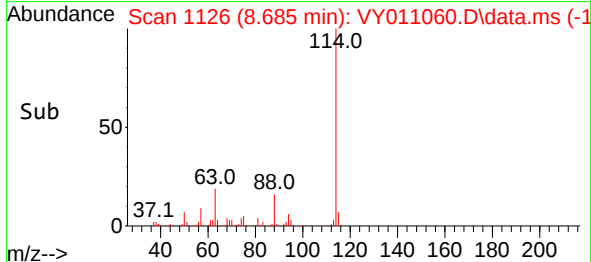
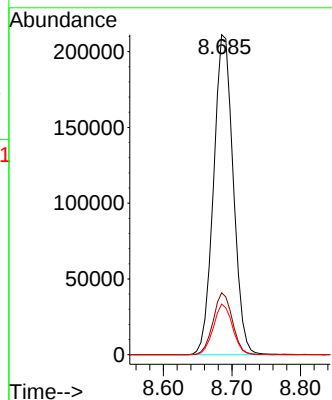
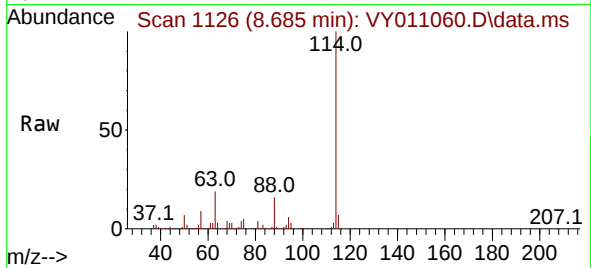




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011060.D
Acq: 24 Oct 2022 11:49

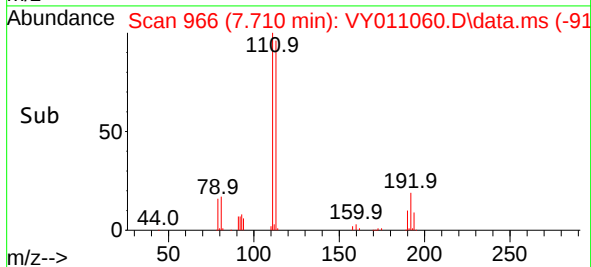
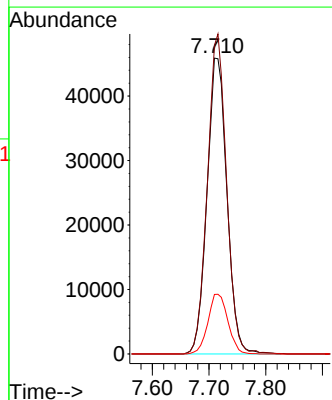
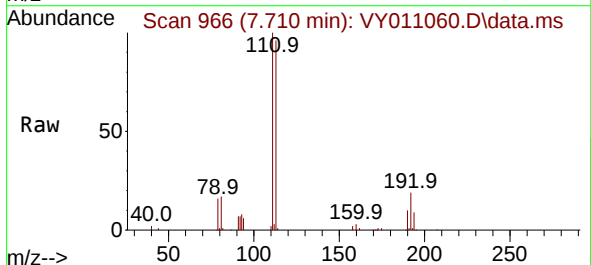
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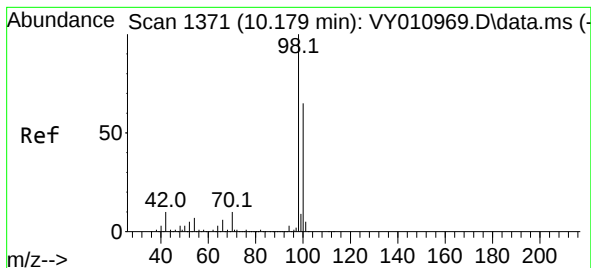
Tgt Ion:114 Resp: 420564
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.666 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011060.D
Acq: 24 Oct 2022 11:49

Tgt Ion:113 Resp: 111982
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 20.2 17.6 26.4

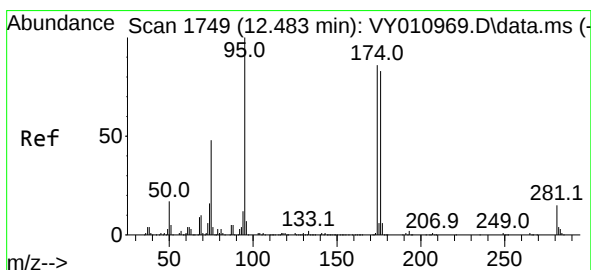
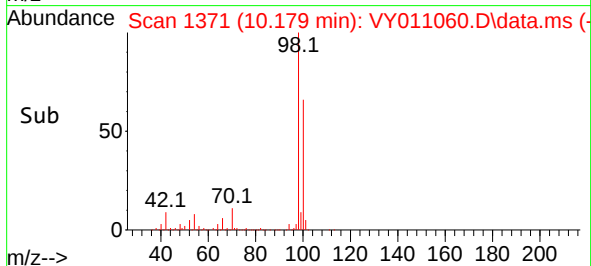
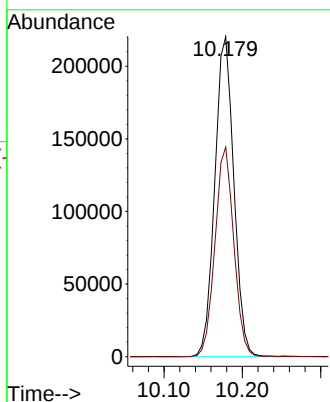
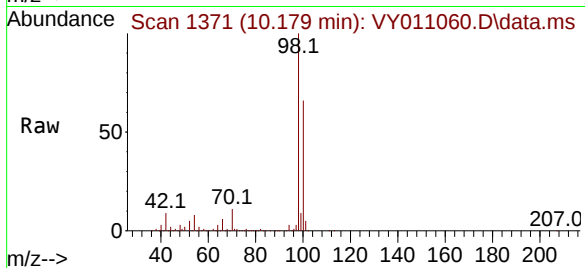




#50
Toluene-d8
Concen: 42.439 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011060.D
Acq: 24 Oct 2022 11:49

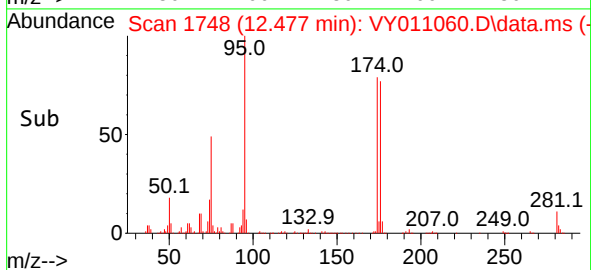
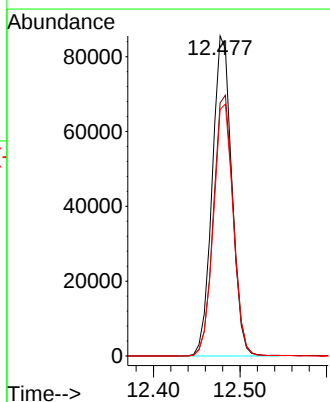
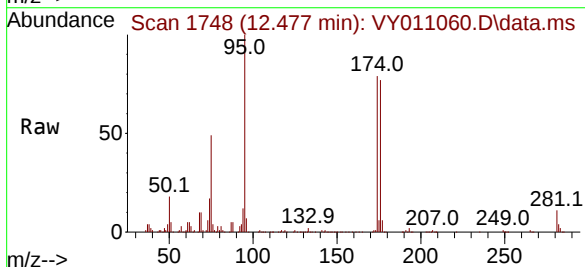
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

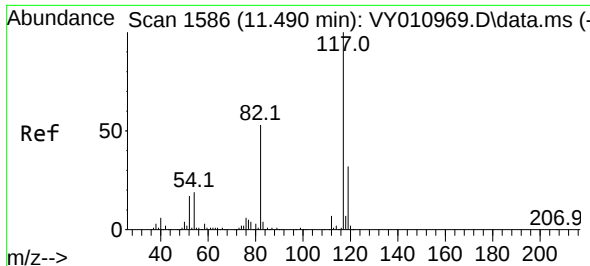
Tgt Ion: 98 Resp: 372670
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.653 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011060.D
Acq: 24 Oct 2022 11:49

Tgt Ion: 95 Resp: 134082
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.8 0.0 175.8

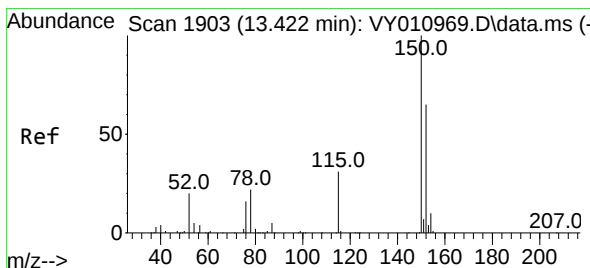
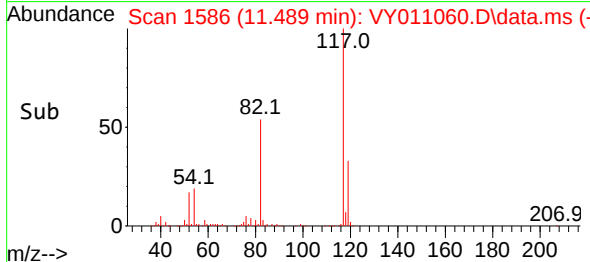
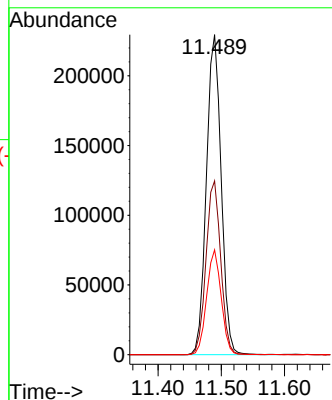
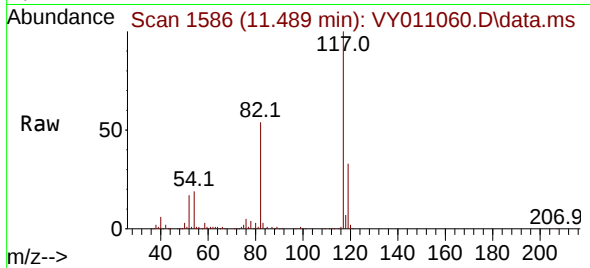




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011060.D
Acq: 24 Oct 2022 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Tgt Ion:117 Resp: 372894
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.7 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: VY011060.D
Acq: 24 Oct 2022 11:49

Tgt Ion:152 Resp: 174177
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.6 0.0 347.6

