

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011111.D
 Acq On : 26 Oct 2022 13:19
 Operator : KP/MD
 Sample : N5268-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-102422RE

Quant Time: Oct 27 04:38:30 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	7.789	168	207729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85980	44.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.860%
35) Dibromofluoromethane	7.716	113	89395	43.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.580%
50) Toluene-d8	10.179	98	269740	35.106	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.220%
62) 4-Bromofluorobenzene	12.477	95	94270	33.630	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.260%

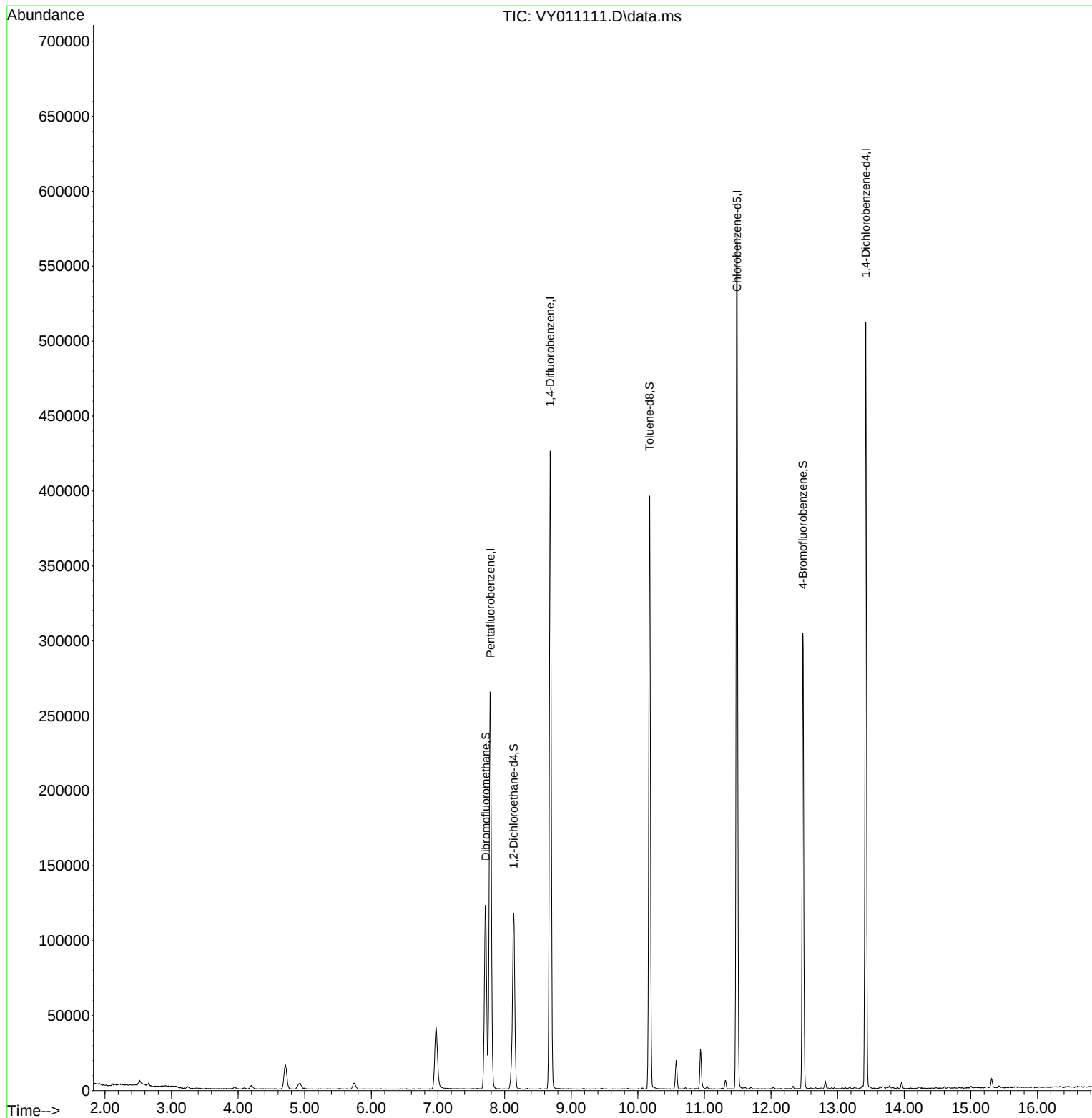
Target Compounds	Qvalue

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

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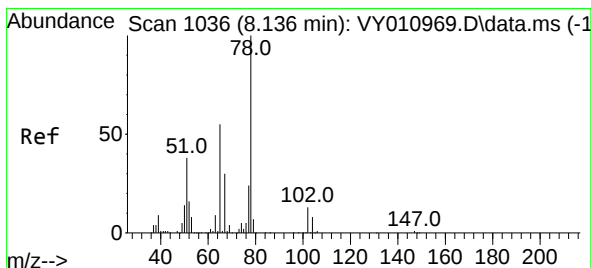
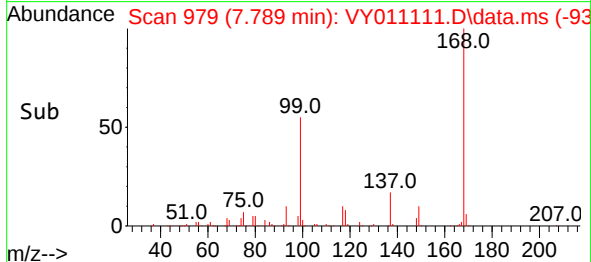
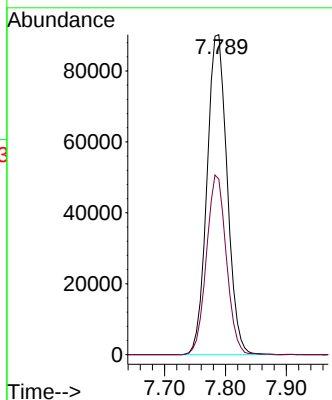
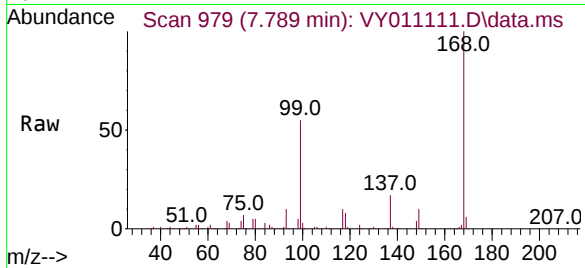




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

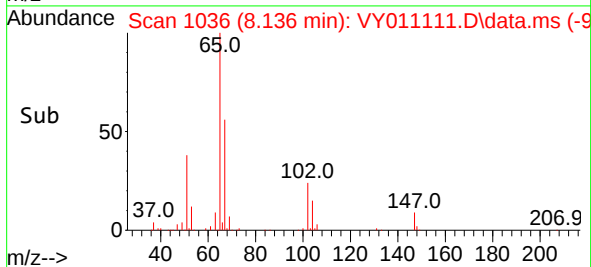
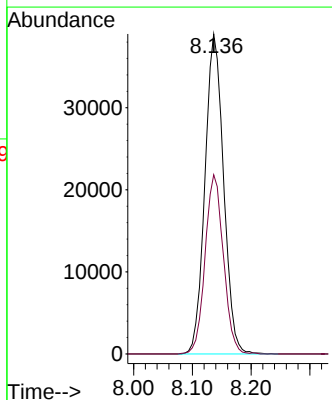
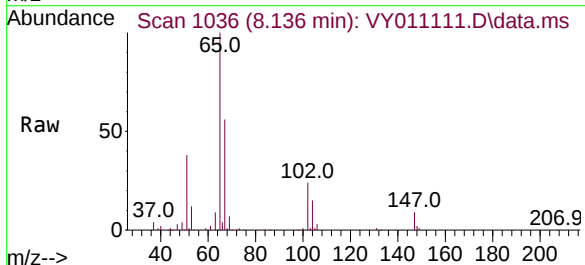
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

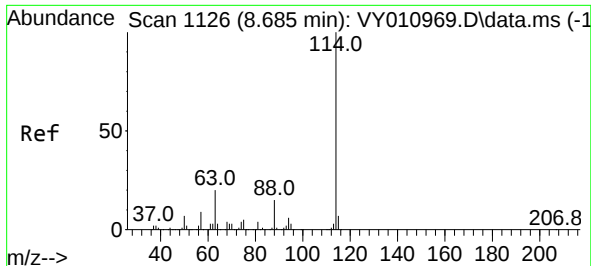
Tgt Ion:168 Resp: 207729
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.934 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion: 65 Resp: 85980
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4

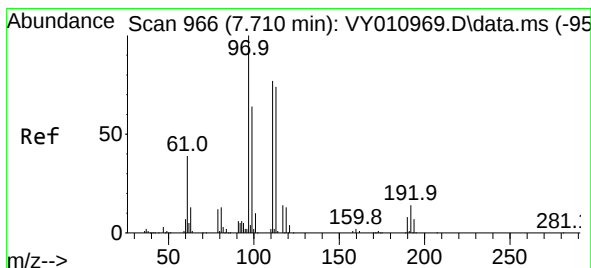
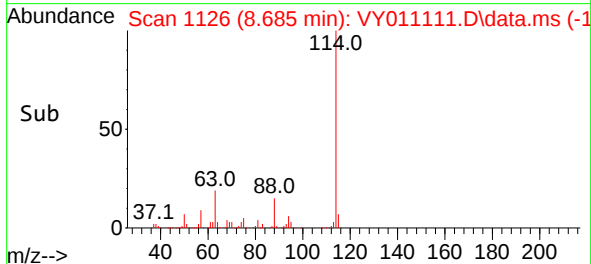
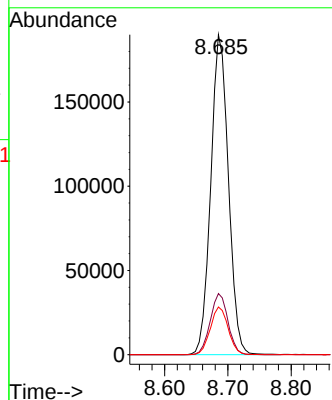
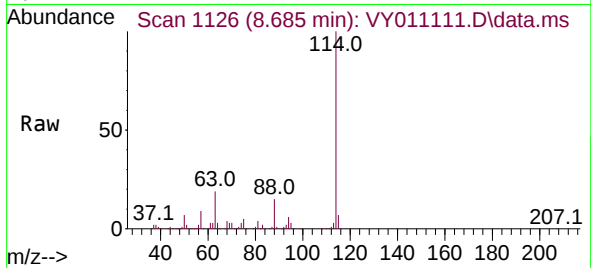




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

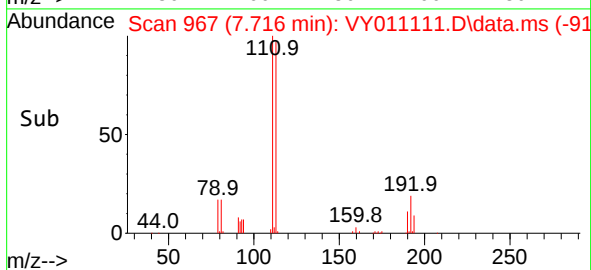
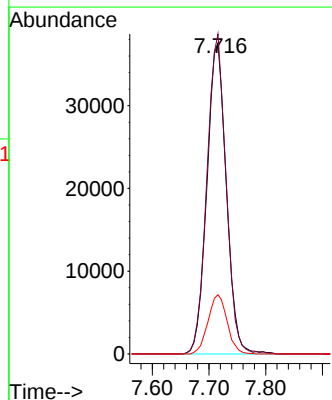
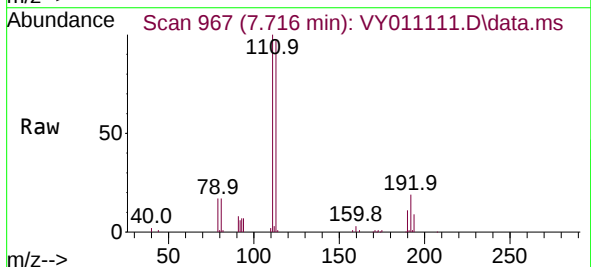
Instrument :
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ClientSampleId :
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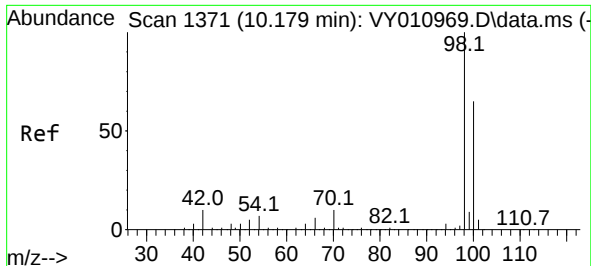
Tgt Ion:114 Resp: 367992
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.291 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion:113 Resp: 89395
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 18.7 17.6 26.4

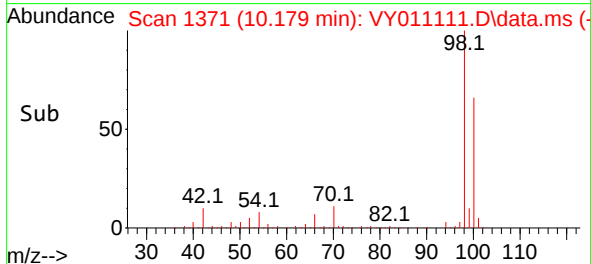
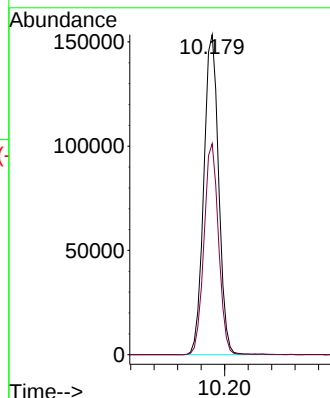
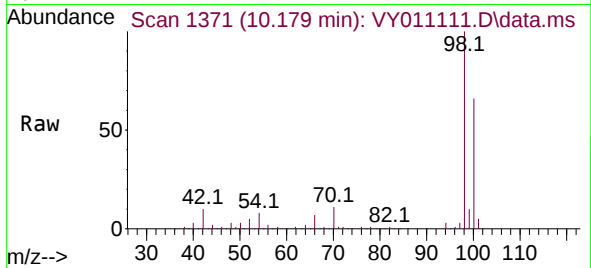




#50
Toluene-d8
Concen: 35.106 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

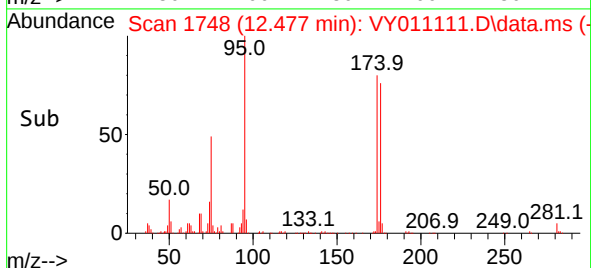
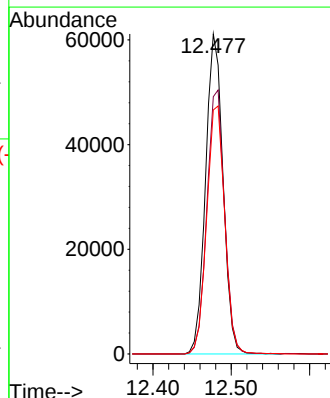
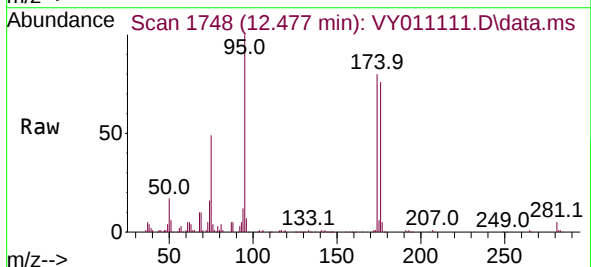
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

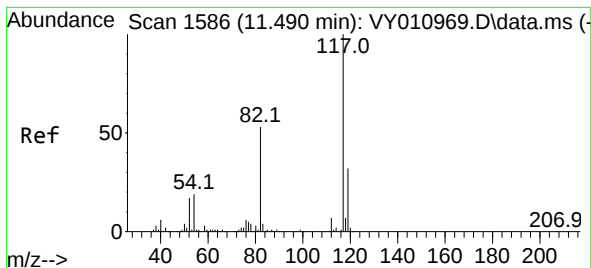
Tgt Ion: 98 Resp: 269740
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.630 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion: 95 Resp: 94270
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.3 0.0 175.8

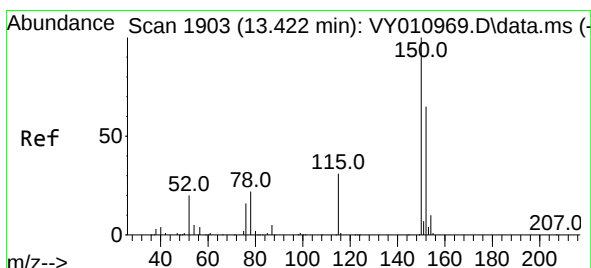
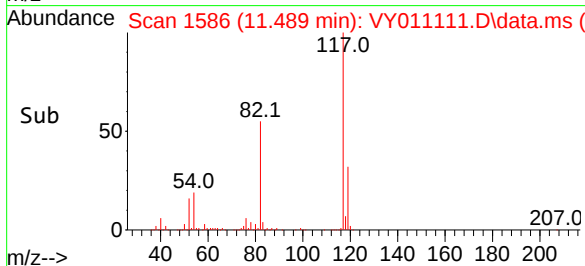
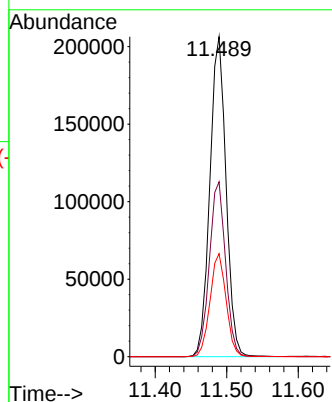
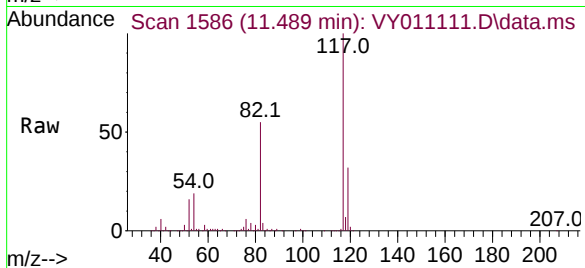




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

Tgt Ion:117 Resp: 323825
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.2 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: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion:152 Resp: 133082
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 156.5 0.0 347.6

