

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010777.D
 Acq On : 03 Oct 2022 19:28
 Operator : KP/MD
 Sample : N4936-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-2-(10-16)

Quant Time: Oct 04 07:35:40 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	7.783	168	8988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6234	68.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.860%
35) Dibromofluoromethane	7.716	113	3436	35.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.760%
50) Toluene-d8	10.179	98	15722	47.341	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.477	95	4510	33.550	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.100%

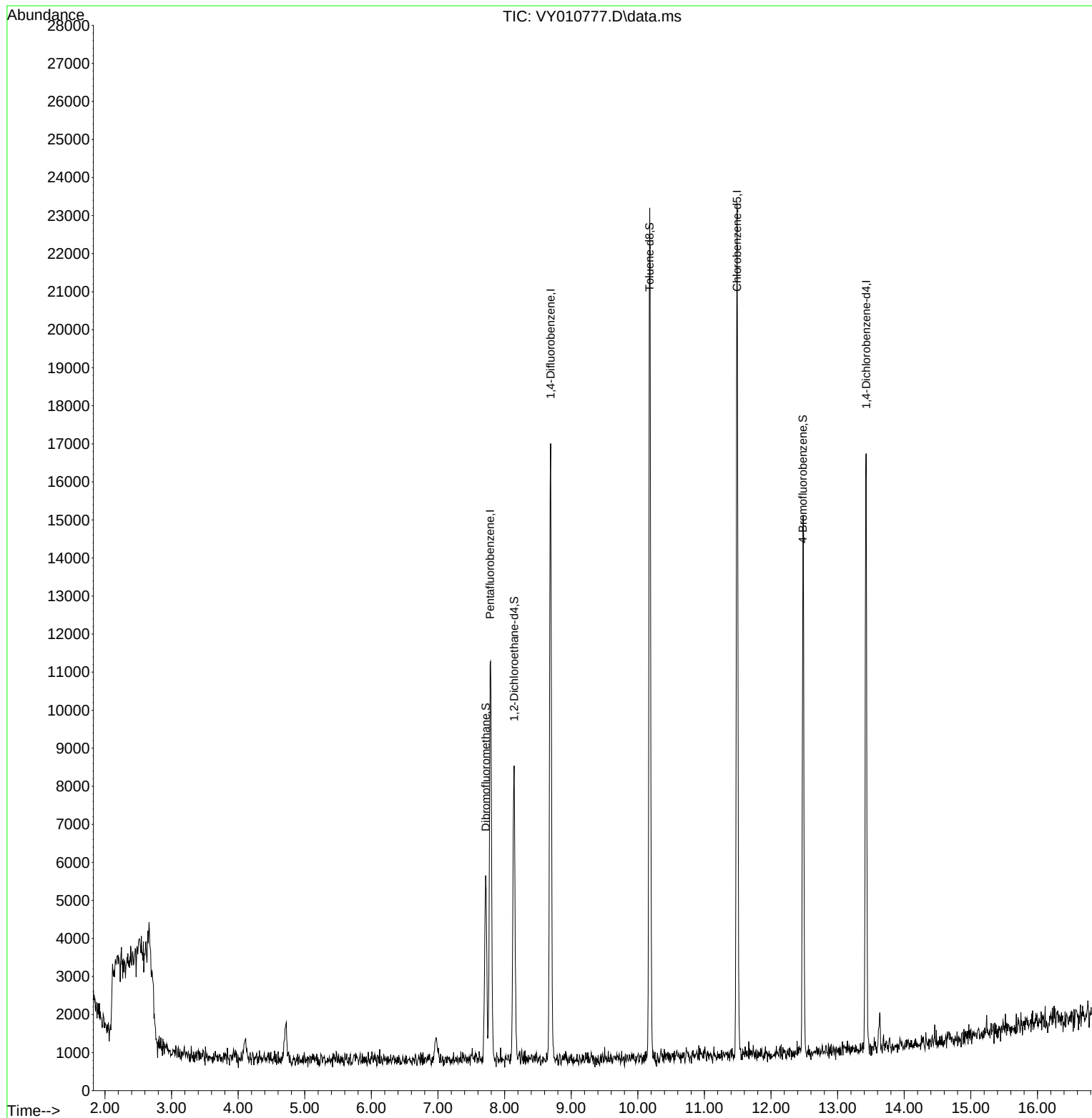
Target Compounds	Qvalue

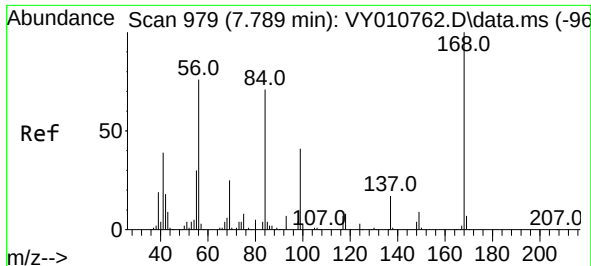
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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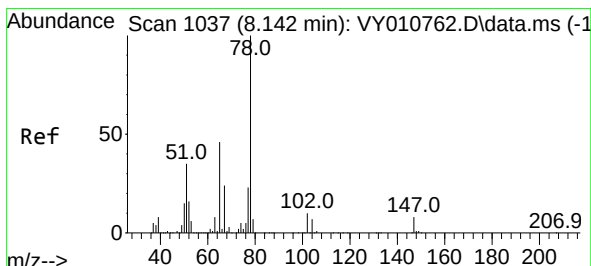
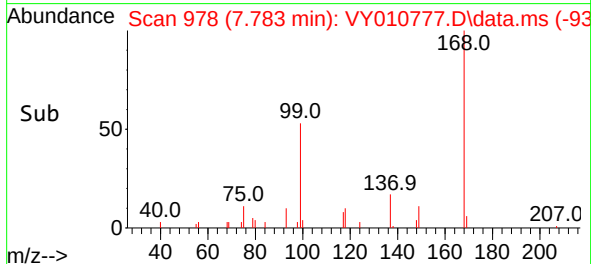
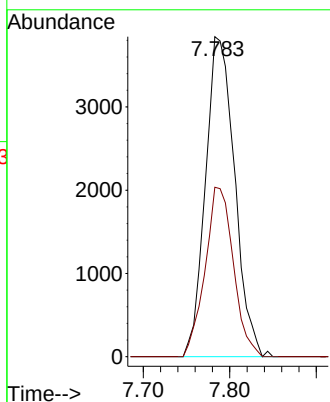
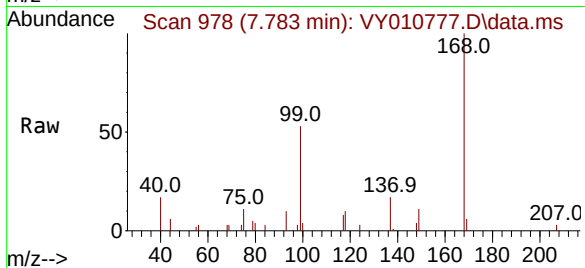




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

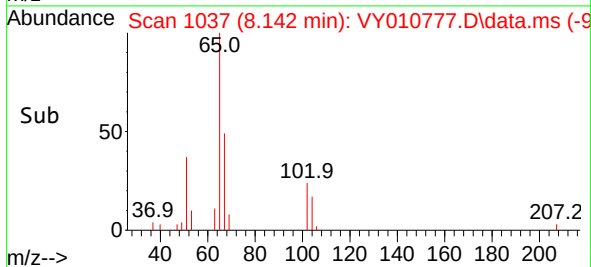
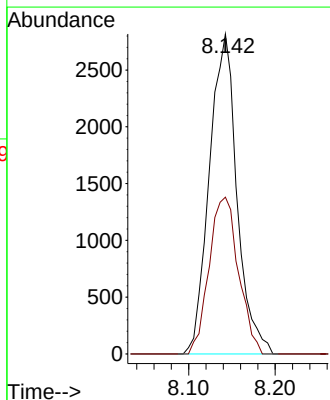
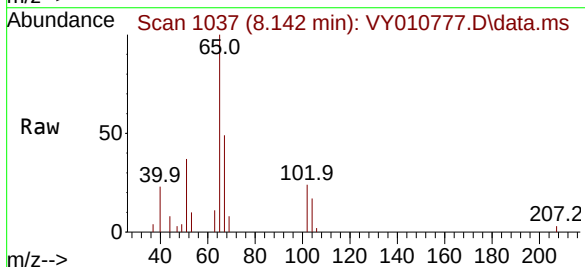
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

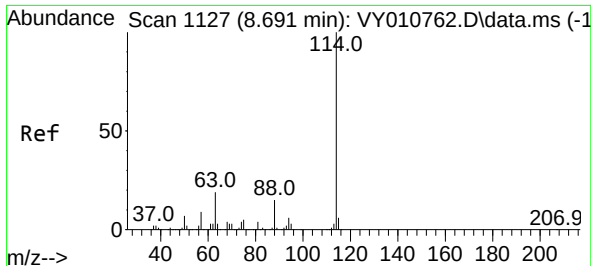
Tgt Ion:168 Resp: 8988
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.427 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion: 65 Resp: 6234
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4

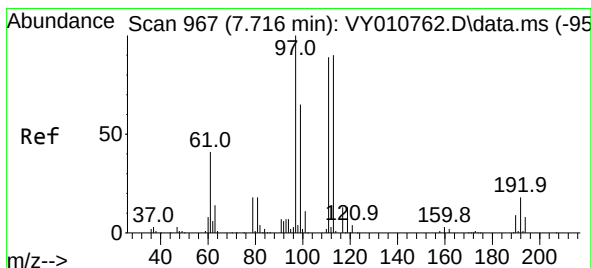
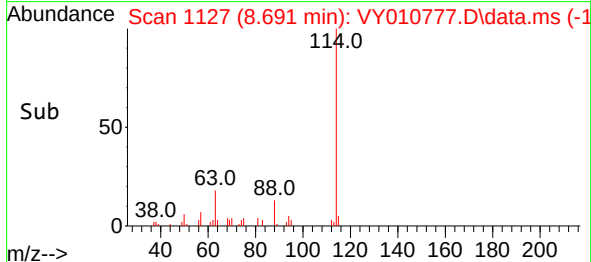
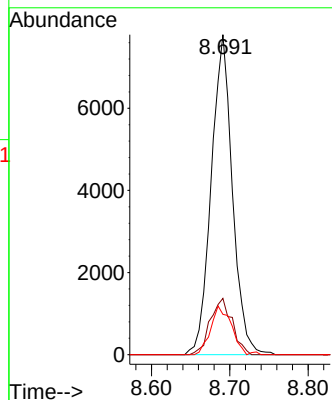
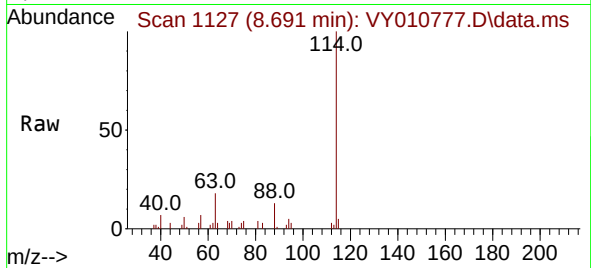




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

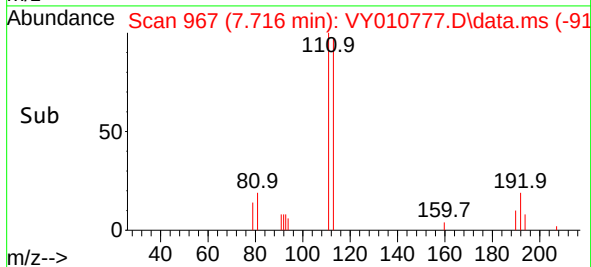
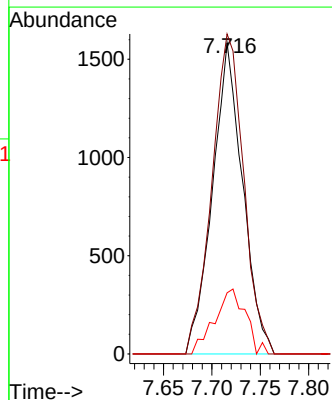
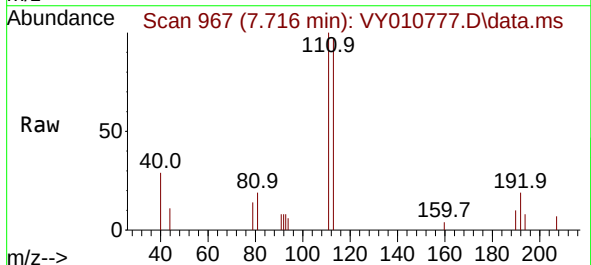
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

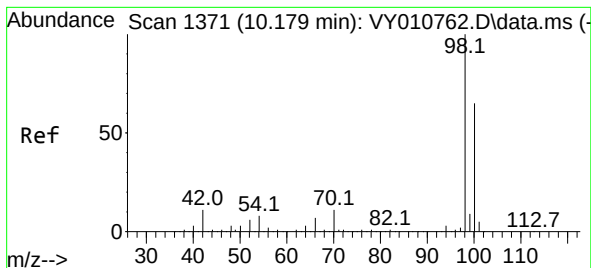
Tgt Ion:	114	Resp:	14629
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	43.2
88	12.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 35.383 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion:	113	Resp:	3436
Ion	Ratio	Lower	Upper
113	100		
111	108.4	82.6	124.0
192	21.4	17.6	26.4

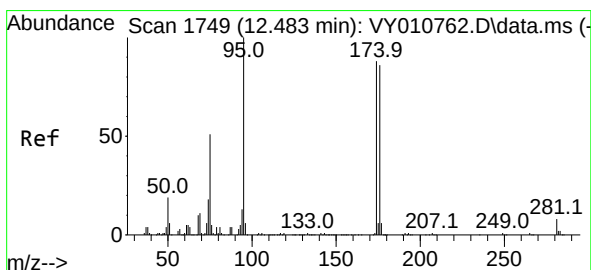
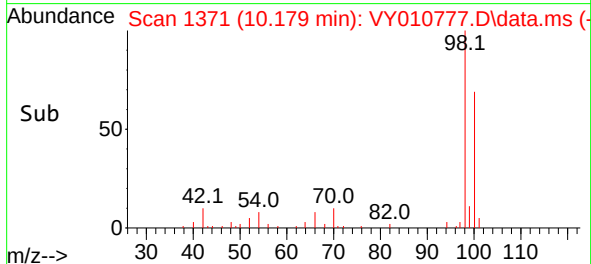
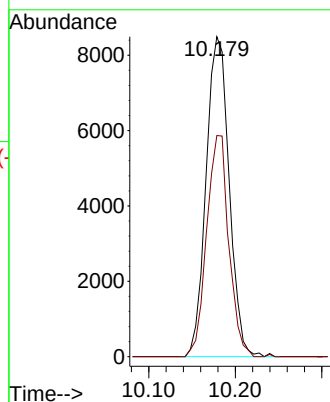
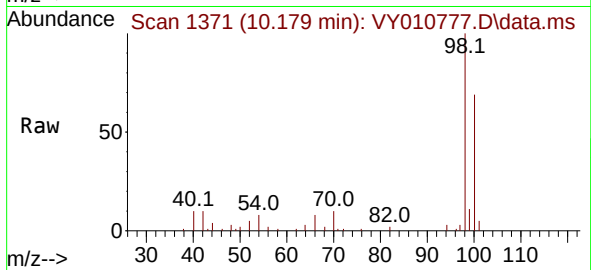




#50
Toluene-d8
Concen: 47.341 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

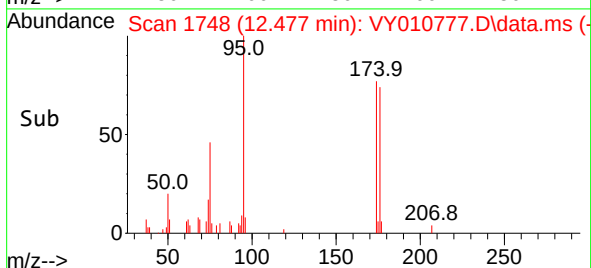
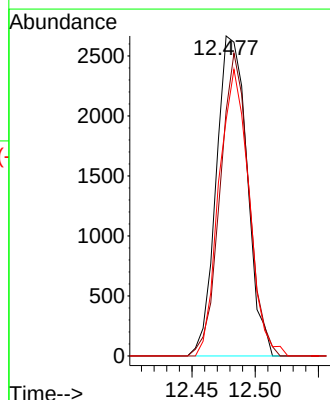
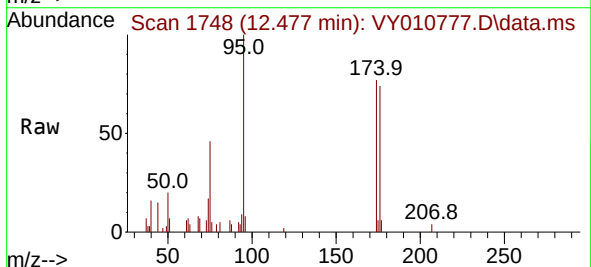
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

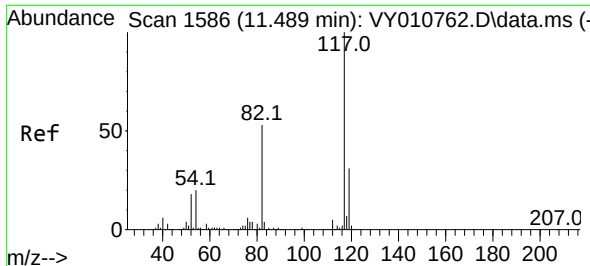
Tgt Ion: 98 Resp: 15722
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.550 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion: 95 Resp: 4510
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 87.0 0.0 175.8

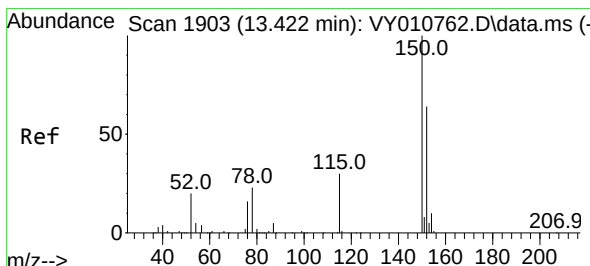
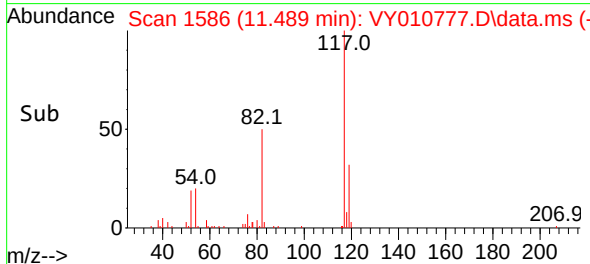
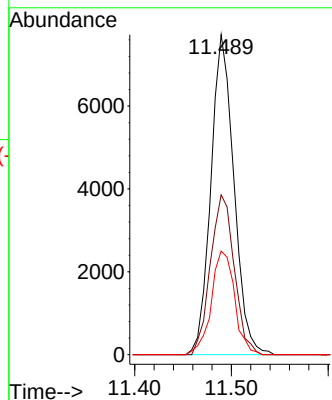
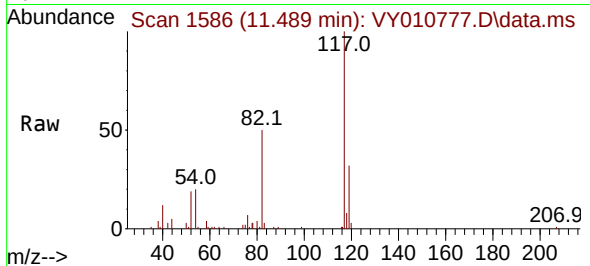




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

Tgt Ion:117 Resp: 12768
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 32.4 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: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion:152 Resp: 4580
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 156.4 0.0 347.6

