

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010803.D
 Acq On : 04 Oct 2022 18:11
 Operator : KP/MD
 Sample : N4960-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-02-100322

Quant Time: Oct 05 07:33:31 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	237409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	415644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108109	44.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.840%
35) Dibromofluoromethane	7.716	113	110608	40.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.180%
50) Toluene-d8	10.179	98	339748	36.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.020%
62) 4-Bromofluorobenzene	12.483	95	121609	31.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.280%

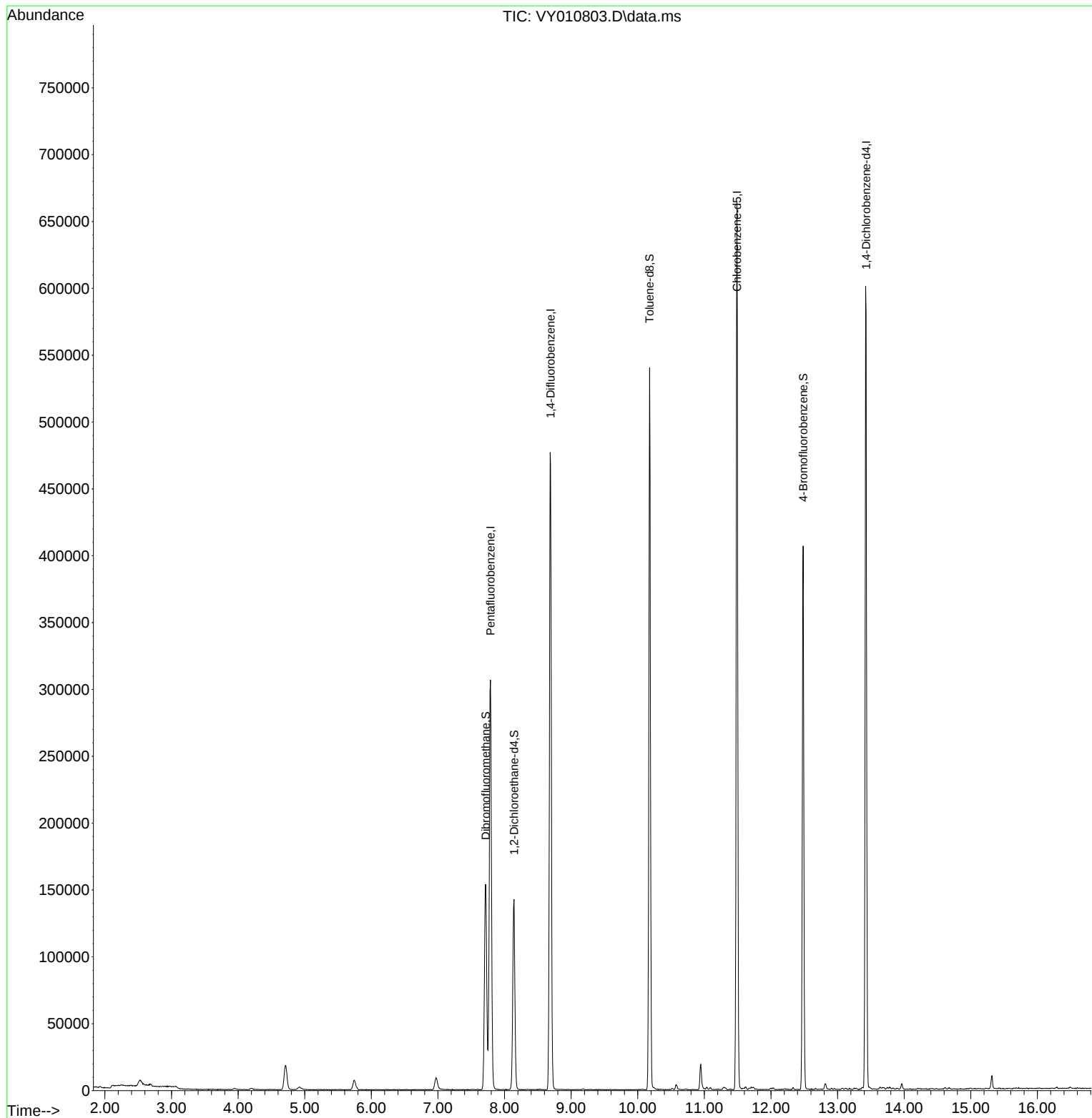
Target Compounds Qvalue

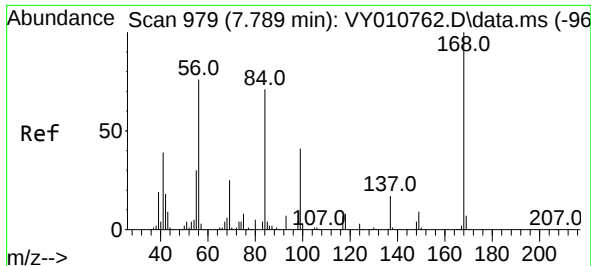
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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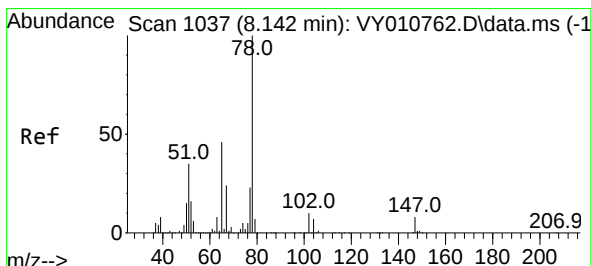
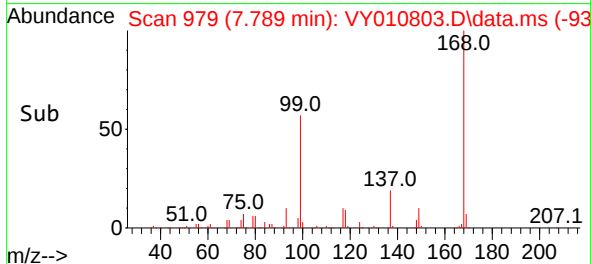
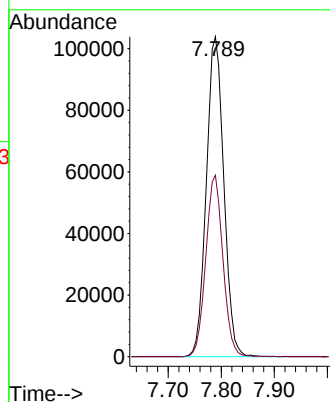
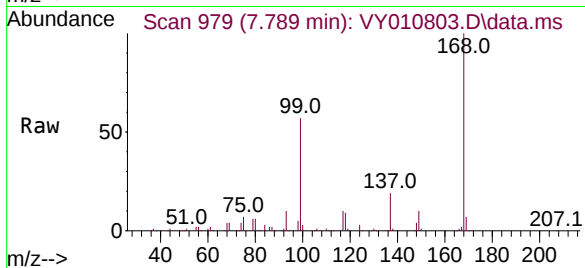




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010803.D
Acq: 04 Oct 2022 18:11

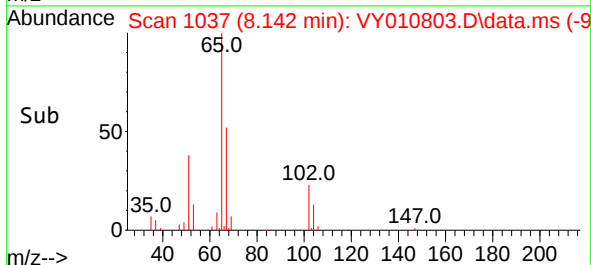
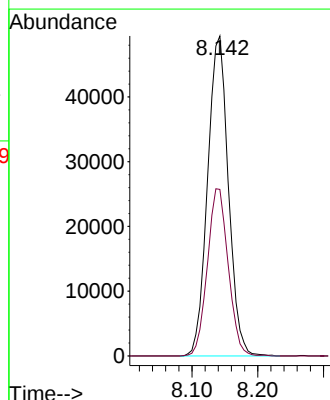
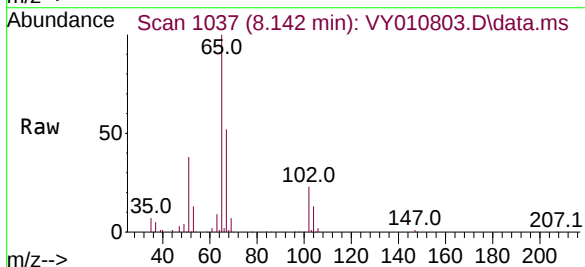
Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-100322

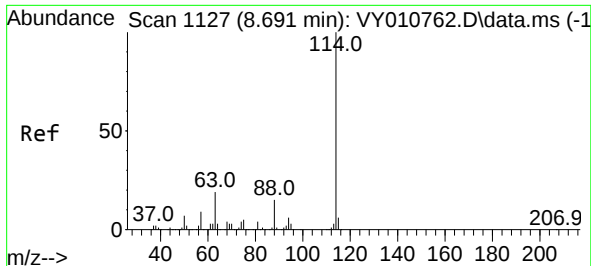
Tgt Ion:168 Resp: 237409
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.925 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY010803.D
Acq: 04 Oct 2022 18:11

Tgt Ion: 65 Resp: 108109
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

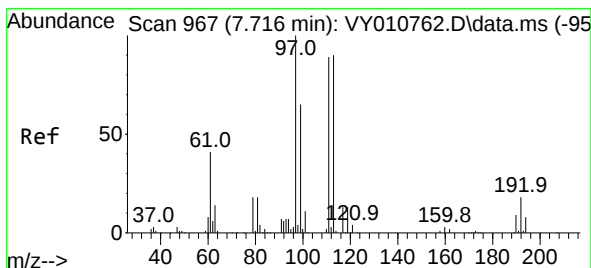
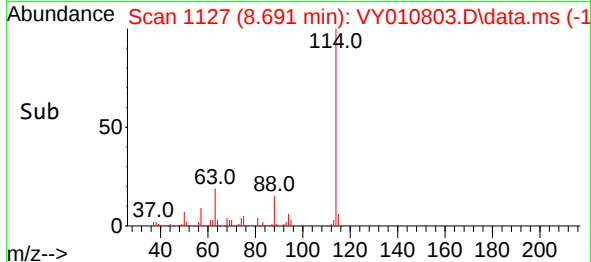
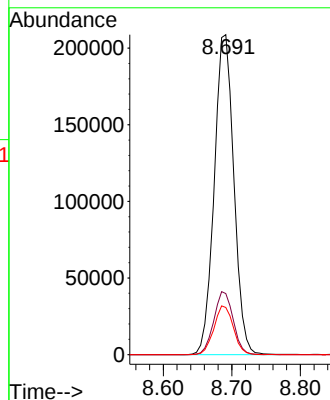
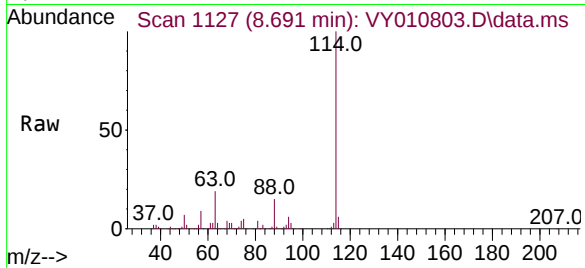




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010803.D
Acq: 04 Oct 2022 18:11

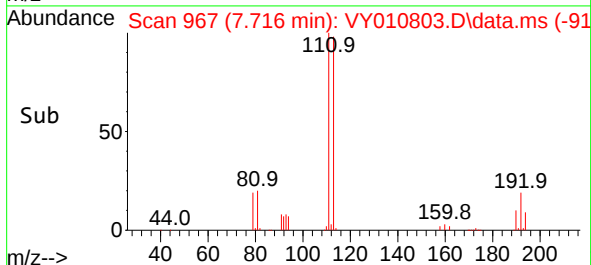
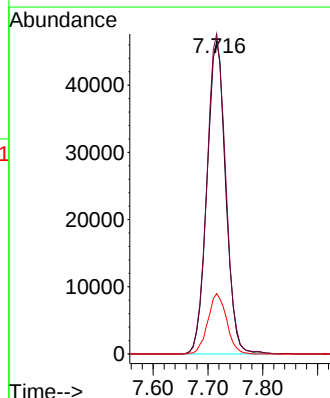
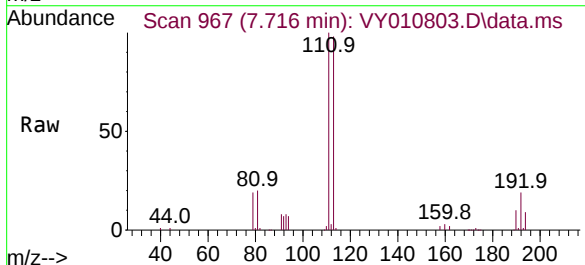
Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-100322

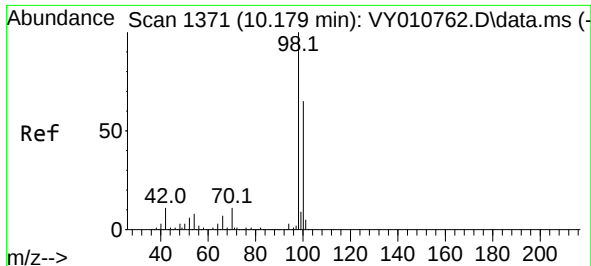
Tgt Ion:	114	Resp:	415644
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.2
88	14.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 40.089 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010803.D
Acq: 04 Oct 2022 18:11

Tgt Ion:	113	Resp:	110608
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	19.3	17.6	26.4

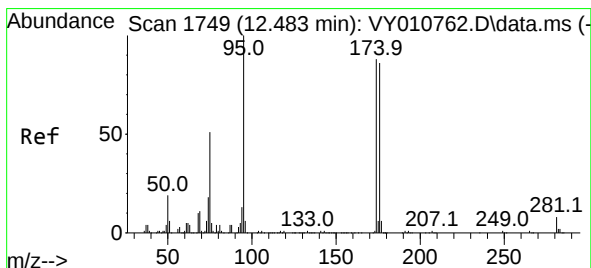
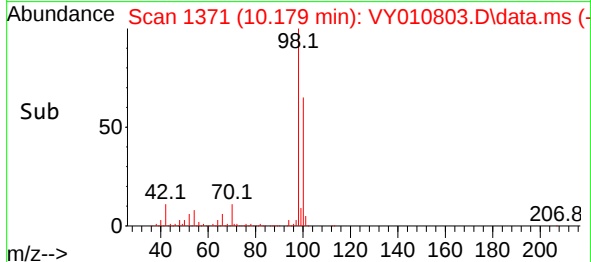
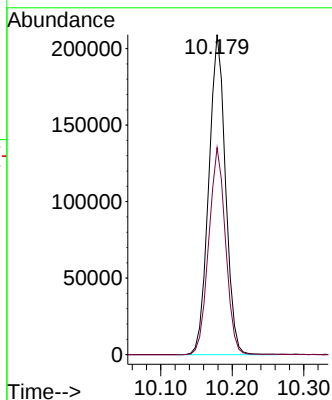
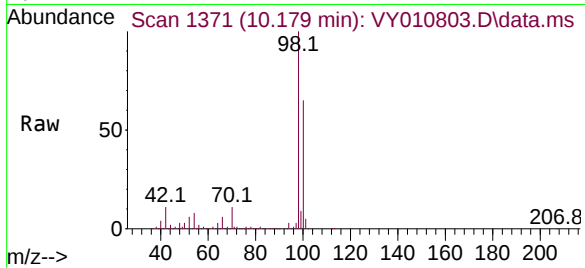




#50
Toluene-d8
Concen: 36.007 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010803.D
Acq: 04 Oct 2022 18:11

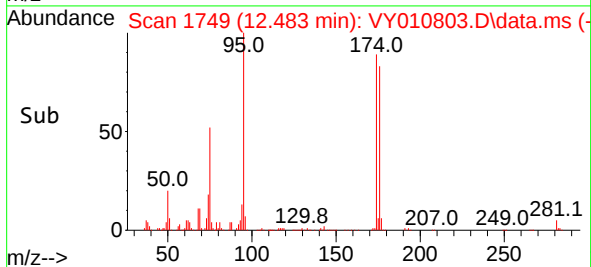
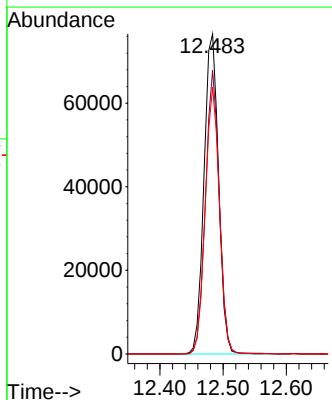
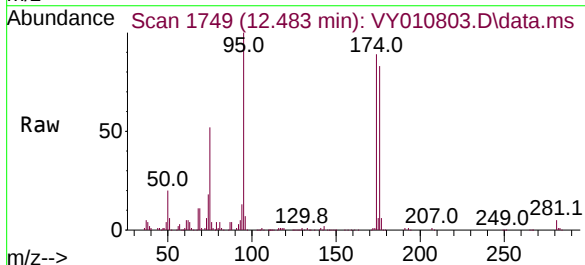
Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-100322

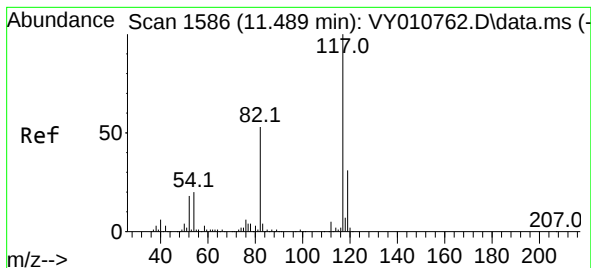
Tgt Ion: 98 Resp: 339748
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010803.D
Acq: 04 Oct 2022 18:11

Tgt Ion: 95 Resp: 121609
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.4 0.0 175.8

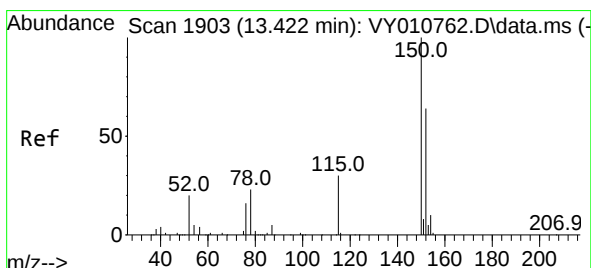
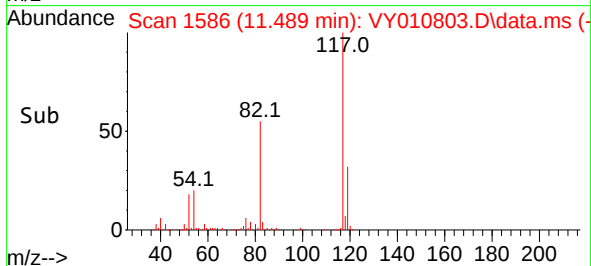
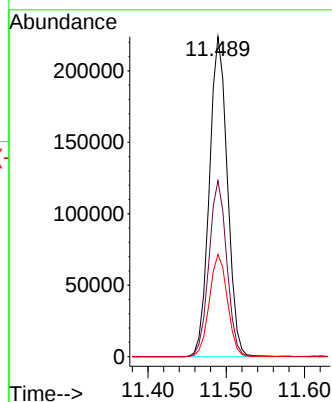
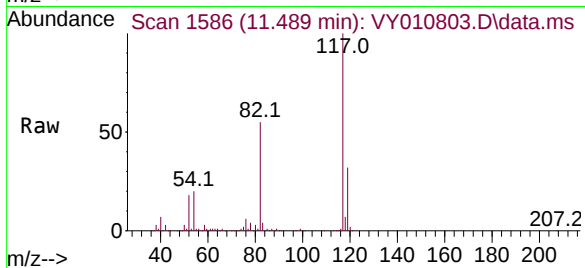




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010803.D
Acq: 04 Oct 2022 18:11

Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-100322

Tgt Ion:117 Resp: 357993
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 31.9 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: VY010803.D
Acq: 04 Oct 2022 18:11

Tgt Ion:152 Resp: 155399
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 156.6 0.0 347.6

