

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010802.D
 Acq On : 04 Oct 2022 17:48
 Operator : KP/MD
 Sample : N4960-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-100322

Quant Time: Oct 05 07:33:12 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	258708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	451848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	381583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111572	42.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.100%
35) Dibromofluoromethane	7.716	113	115517	38.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.020%
50) Toluene-d8	10.179	98	356727	34.777	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.560%
62) 4-Bromofluorobenzene	12.483	95	125461	29.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.640%

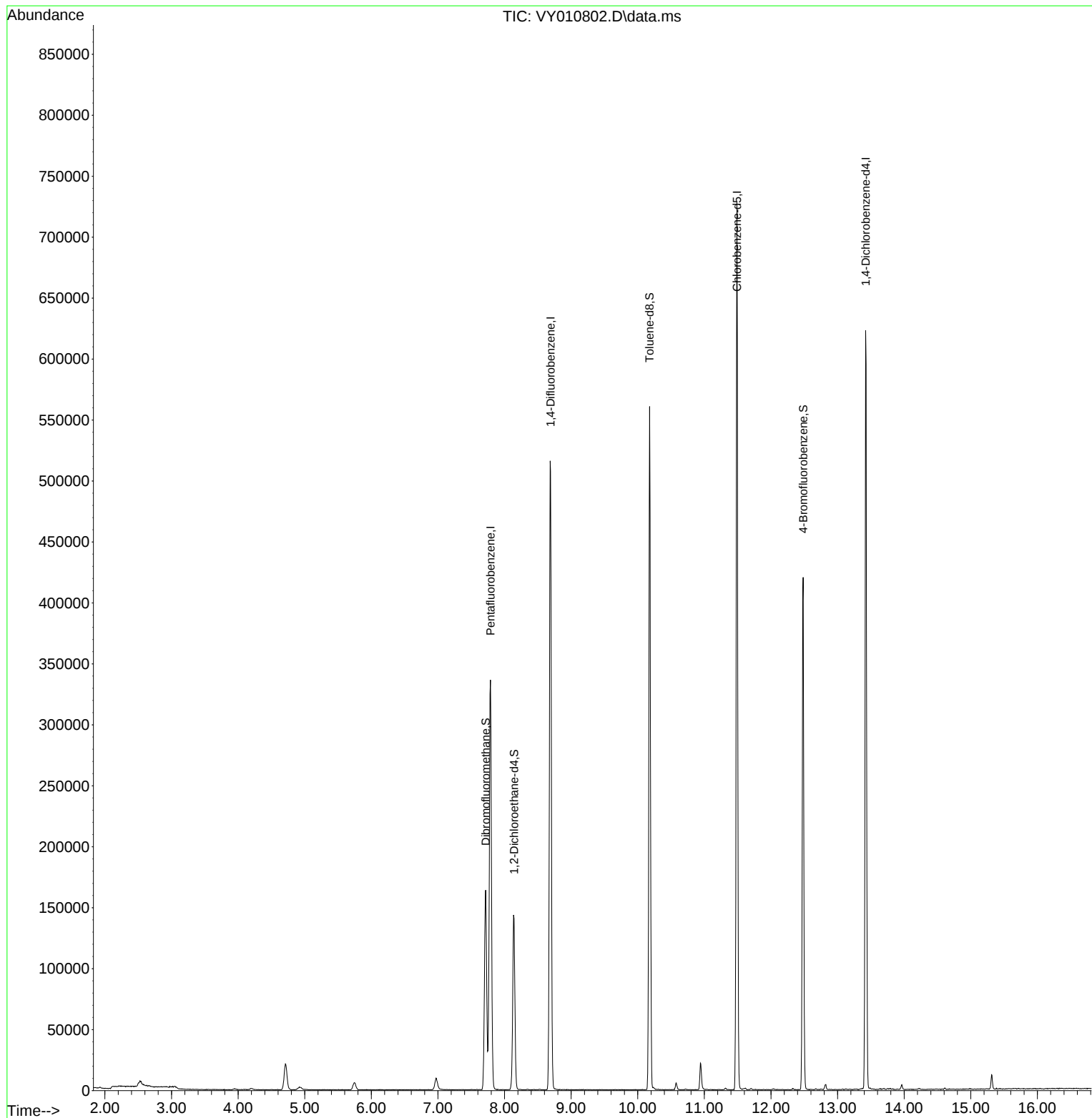
Target Compounds	Qvalue

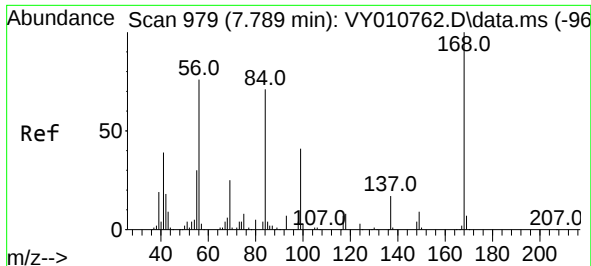
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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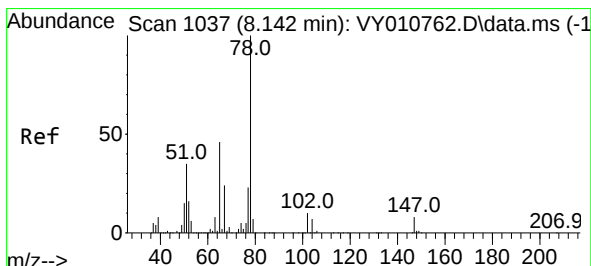
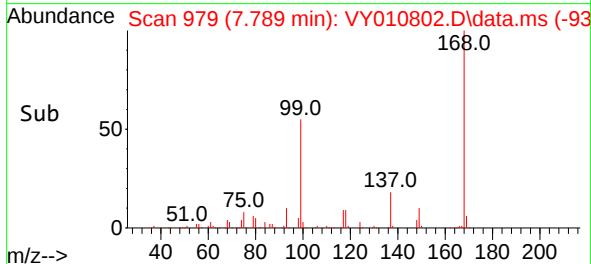
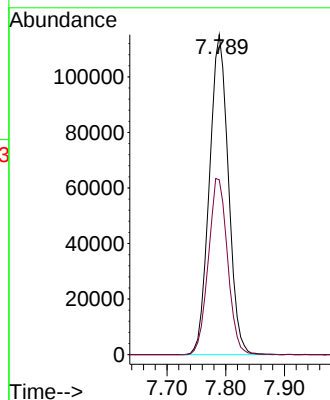
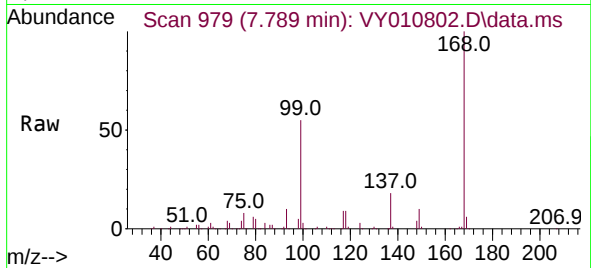




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010802.D
Acq: 04 Oct 2022 17:48

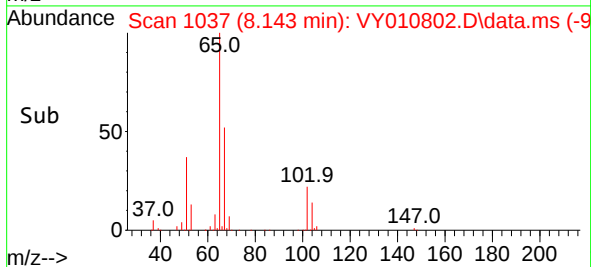
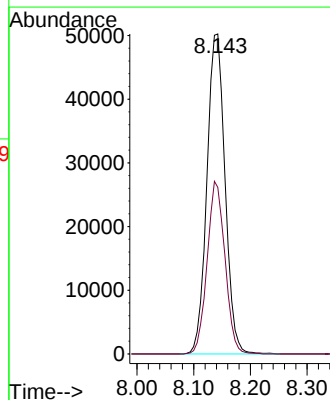
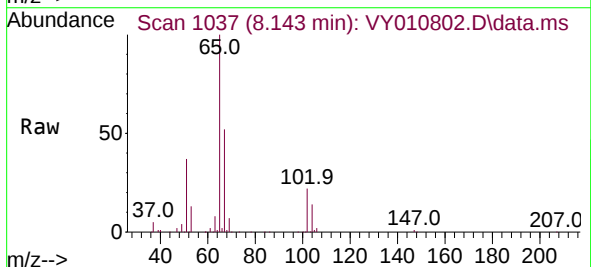
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-100322

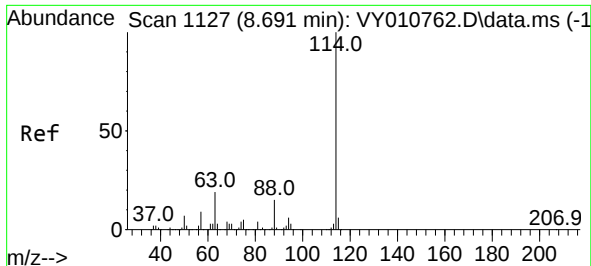
Tgt Ion:168 Resp: 258708
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 42.547 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010802.D
Acq: 04 Oct 2022 17:48

Tgt Ion: 65 Resp: 111572
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

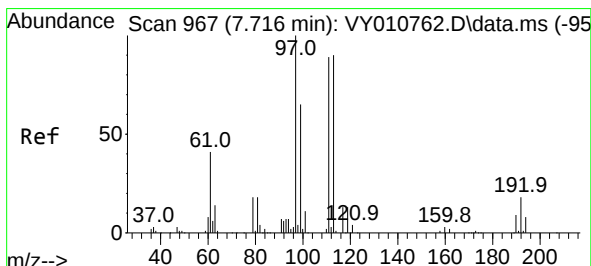
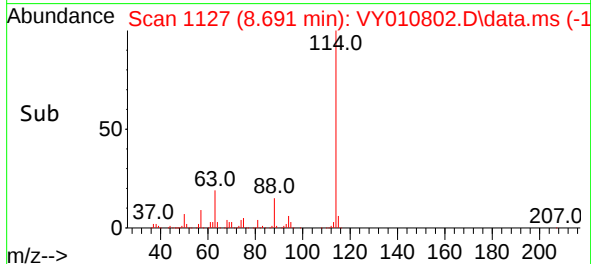
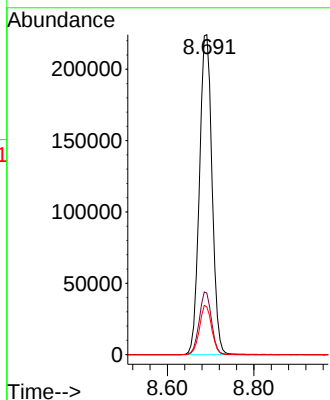
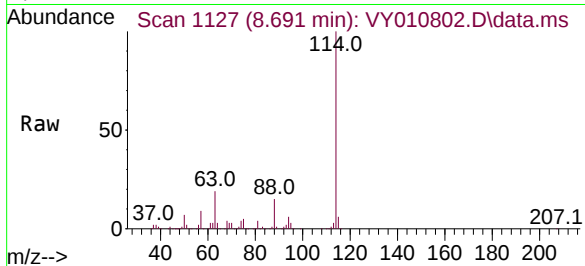




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010802.D
Acq: 04 Oct 2022 17:48

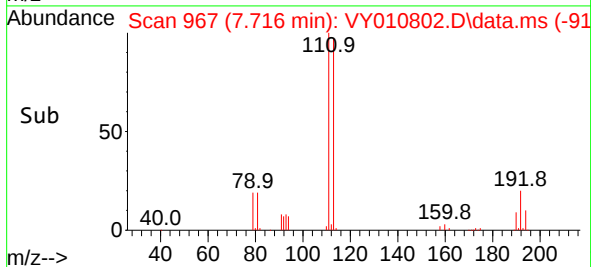
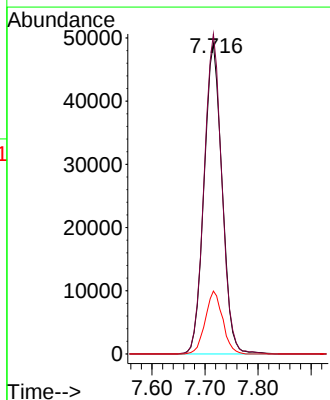
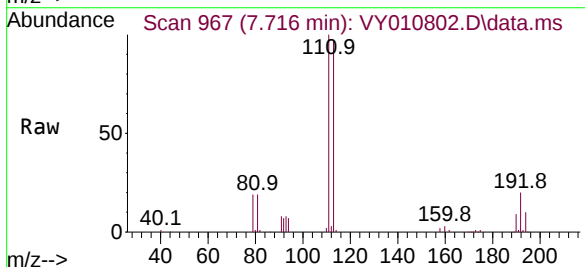
Instrument :
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ClientSampleId :
PAT-01-100322

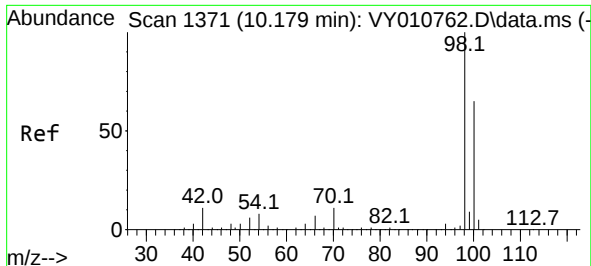
Tgt Ion:	114	Resp:	451848
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 38.513 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010802.D
Acq: 04 Oct 2022 17:48

Tgt Ion:	113	Resp:	115517
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.6	124.0
192	19.5	17.6	26.4

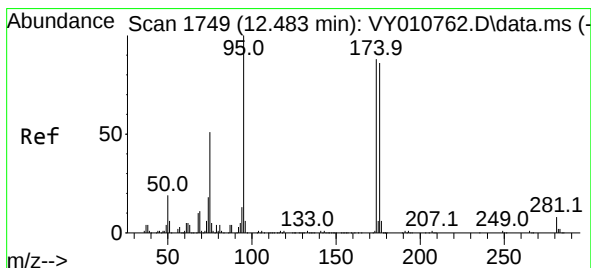
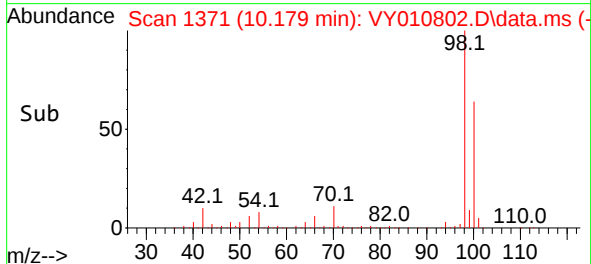
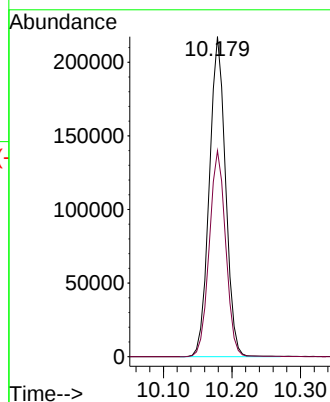
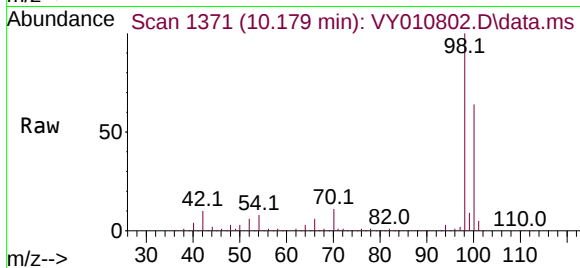




#50
Toluene-d8
Concen: 34.777 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010802.D
Acq: 04 Oct 2022 17:48

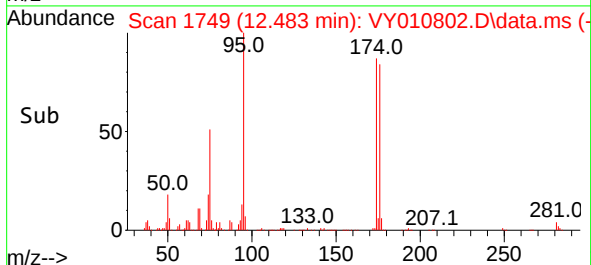
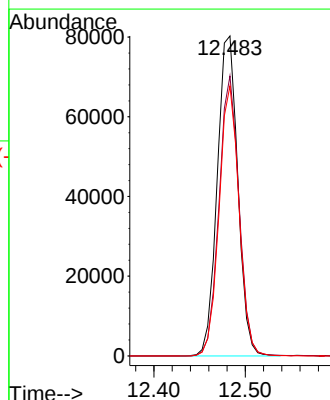
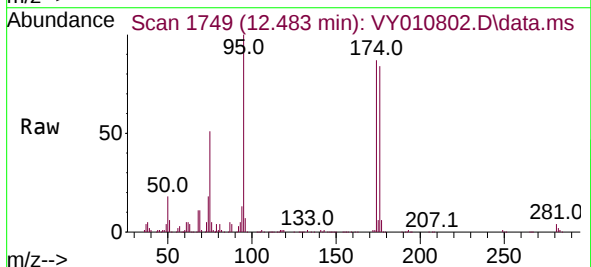
Instrument :
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PAT-01-100322

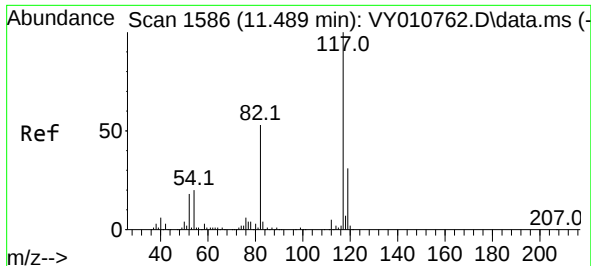
Tgt Ion: 98 Resp: 356727
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.822 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010802.D
Acq: 04 Oct 2022 17:48

Tgt Ion: 95 Resp: 125461
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 81.8 0.0 175.8

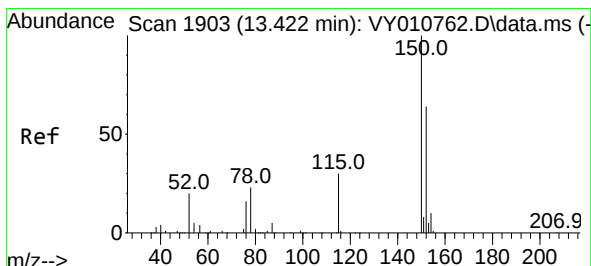
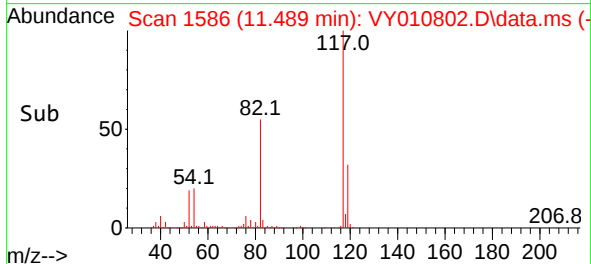
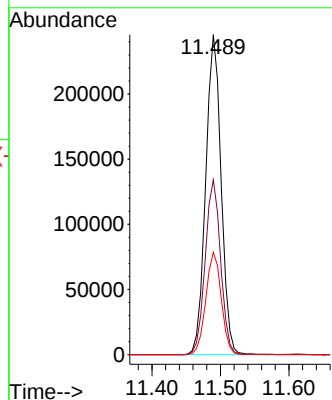
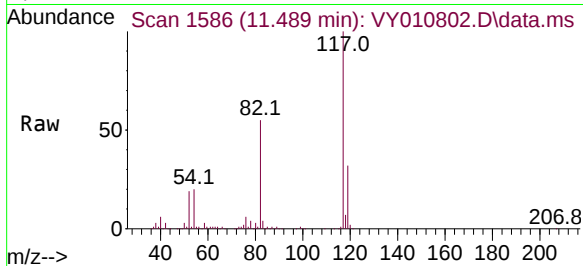




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010802.D
Acq: 04 Oct 2022 17:48

Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-100322

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.0	64.4
119	32.0	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: VY010802.D
Acq: 04 Oct 2022 17:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.2	84.7
150	156.9	0.0	347.6

