

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012323.D
 Acq On : 23 Jan 2023 18:55
 Operator : KP/MD
 Sample : 01254-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-012023

Quant Time: Jan 24 01:30:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	28520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	34187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12351	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12777	54.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.780%
35) Dibromofluoromethane	7.715	113	11888	53.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.178	98	46974	62.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.440%
62) 4-Bromofluorobenzene	12.483	95	11259	36.029	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.060%

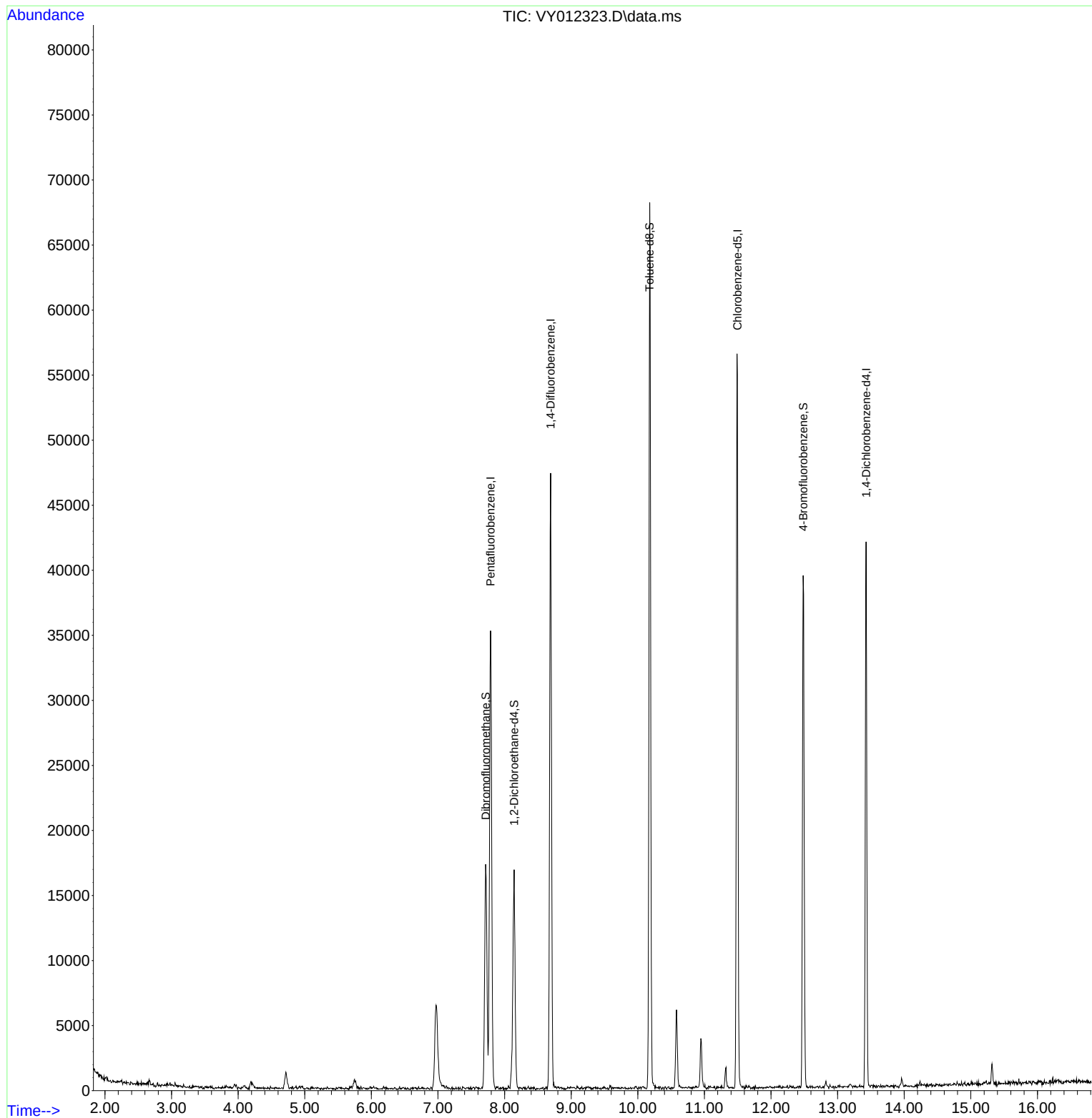
Target Compounds	Qvalue

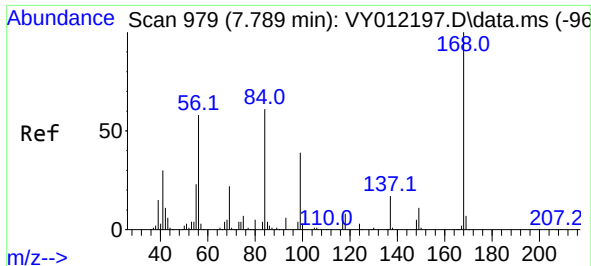
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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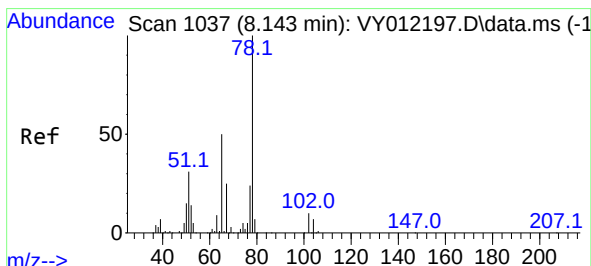
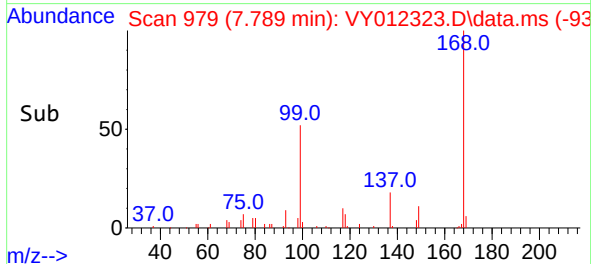
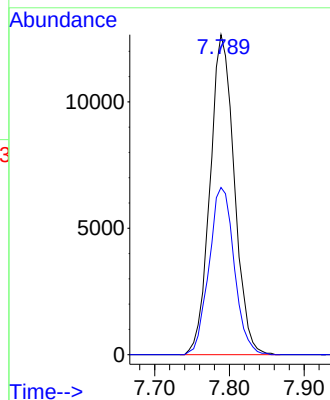
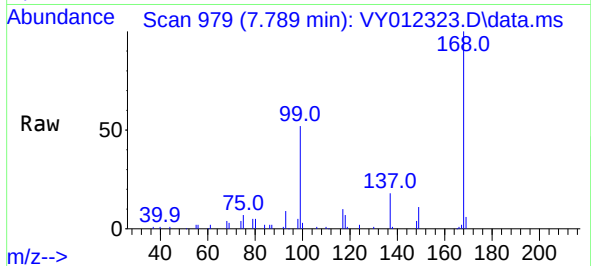




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

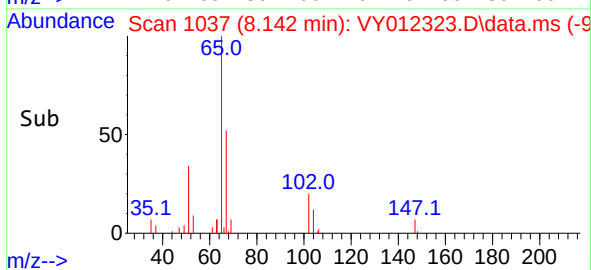
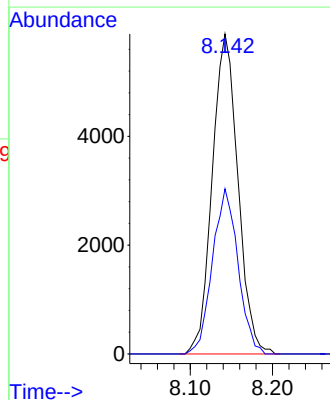
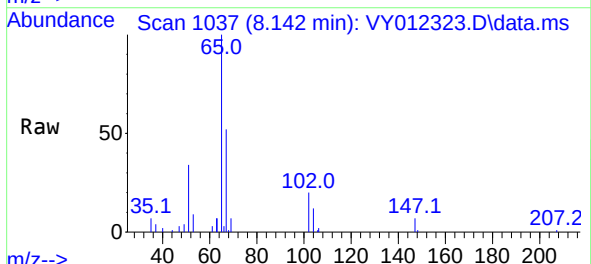
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-012023

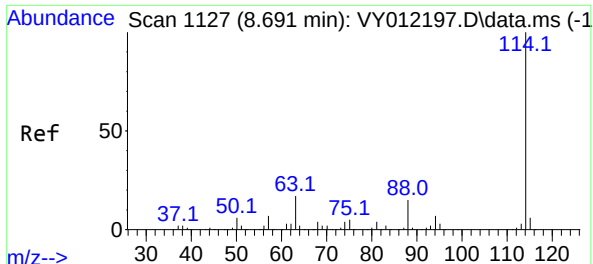
Tgt Ion:168 Resp: 28520
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 54.394 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion: 65 Resp: 12777
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.2

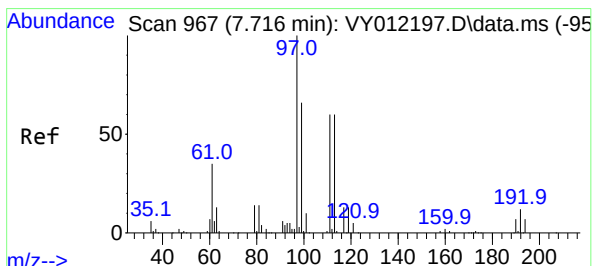
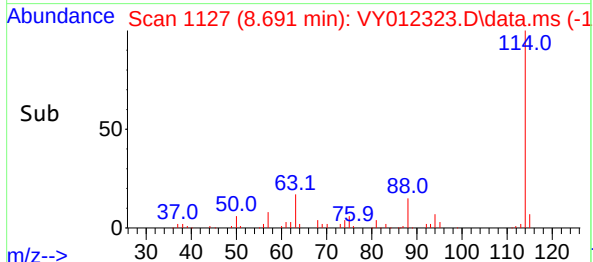
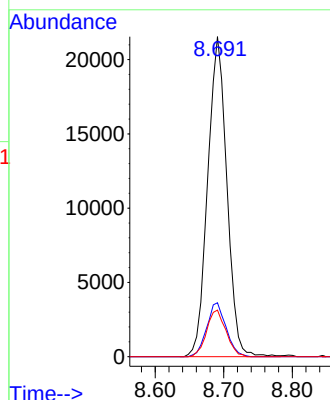
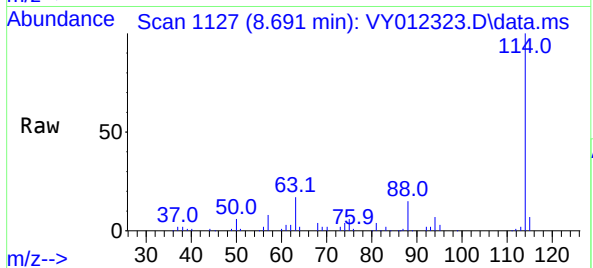




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

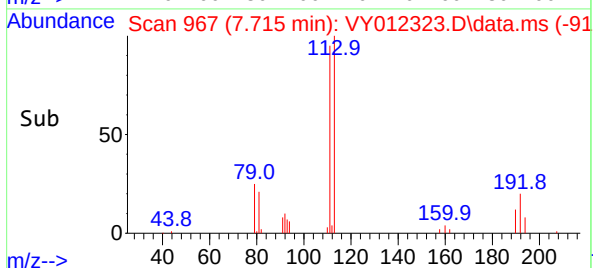
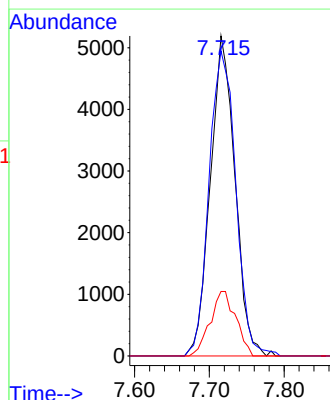
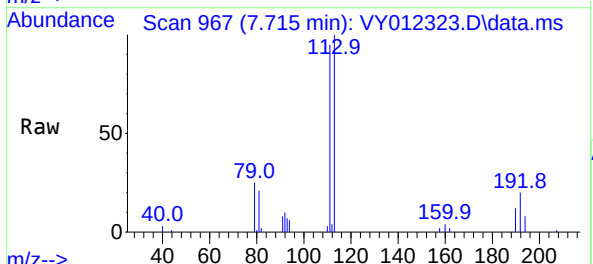
Instrument :
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HR-04-012023

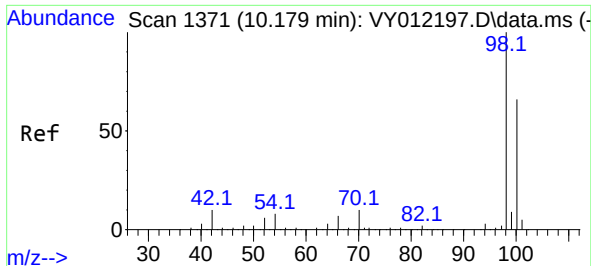
Tgt Ion:	114	Resp:	41865
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	39.6
88	14.6	0.0	32.2



#35
Dibromofluoromethane
Concen: 53.628 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion:	113	Resp:	11888
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.4
192	20.9	16.0	24.0

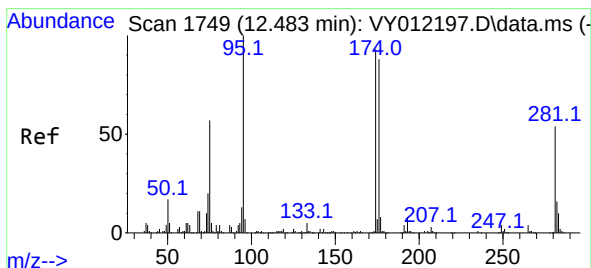
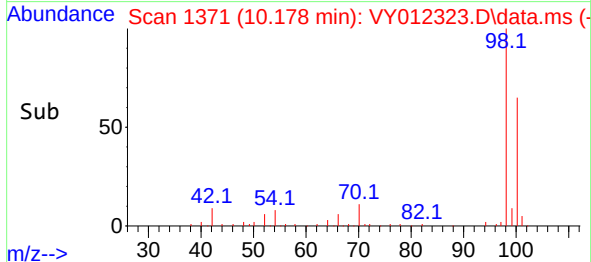
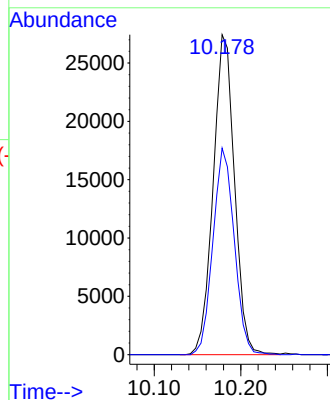
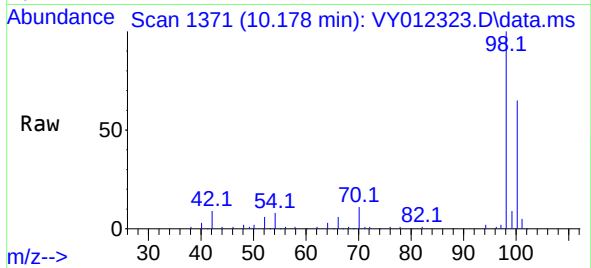




#50
Toluene-d8
Concen: 62.217 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

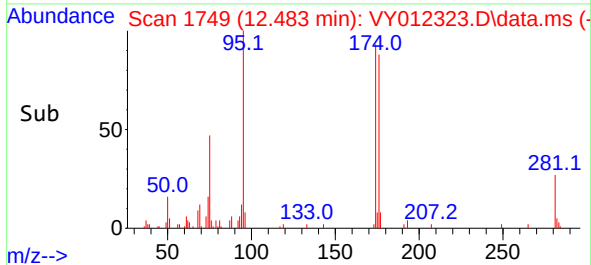
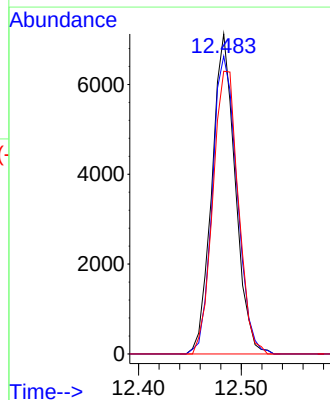
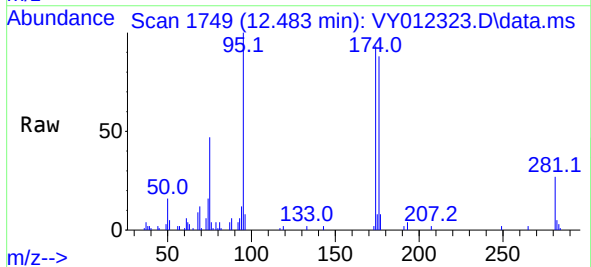
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-012023

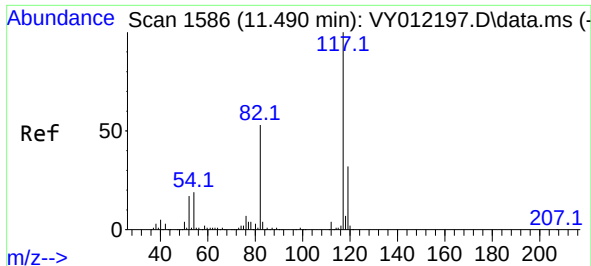
Tgt Ion: 98 Resp: 46974
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 36.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion: 95 Resp: 11259
Ion Ratio Lower Upper
95 100
174 98.2 0.0 172.0
176 95.9 0.0 167.6

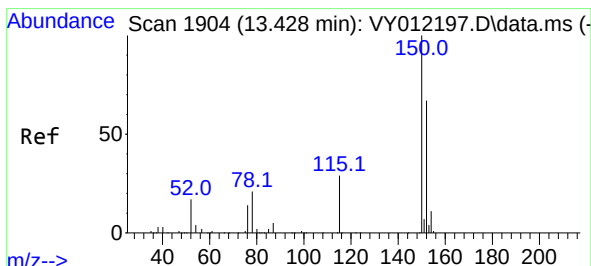
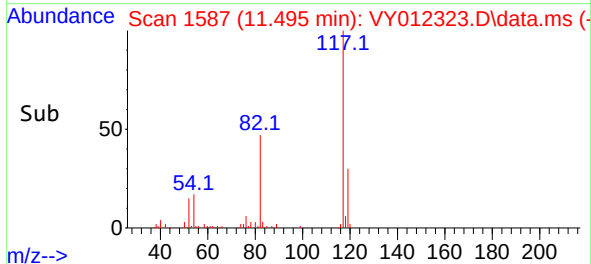
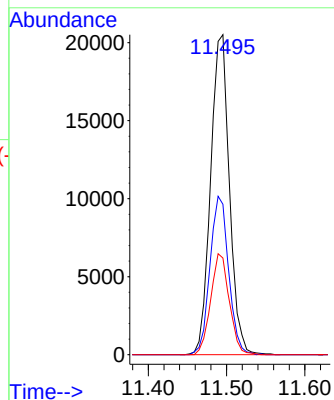
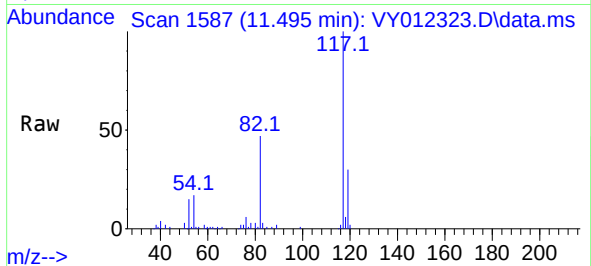




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.005 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-012023

Tgt Ion:	117	Resp:	34187
Ion	Ratio	Lower	Upper
117	100		
82	47.0	44.8	67.2
119	30.2	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion:	152	Resp:	12351
Ion	Ratio	Lower	Upper
152	100		
115	53.6	29.1	87.3
150	156.4	0.0	342.6

