

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012347.D
 Acq On : 24 Jan 2023 17:12
 Operator : KP/MD
 Sample : 01253-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-012023

Quant Time: Jan 25 01:32:56 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	148369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	247163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91830	76.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.560%
35) Dibromofluoromethane	7.716	113	74383	55.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.179	98	306775	67.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	134.260%
62) 4-Bromofluorobenzene	12.483	95	102481	53.898	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.800%

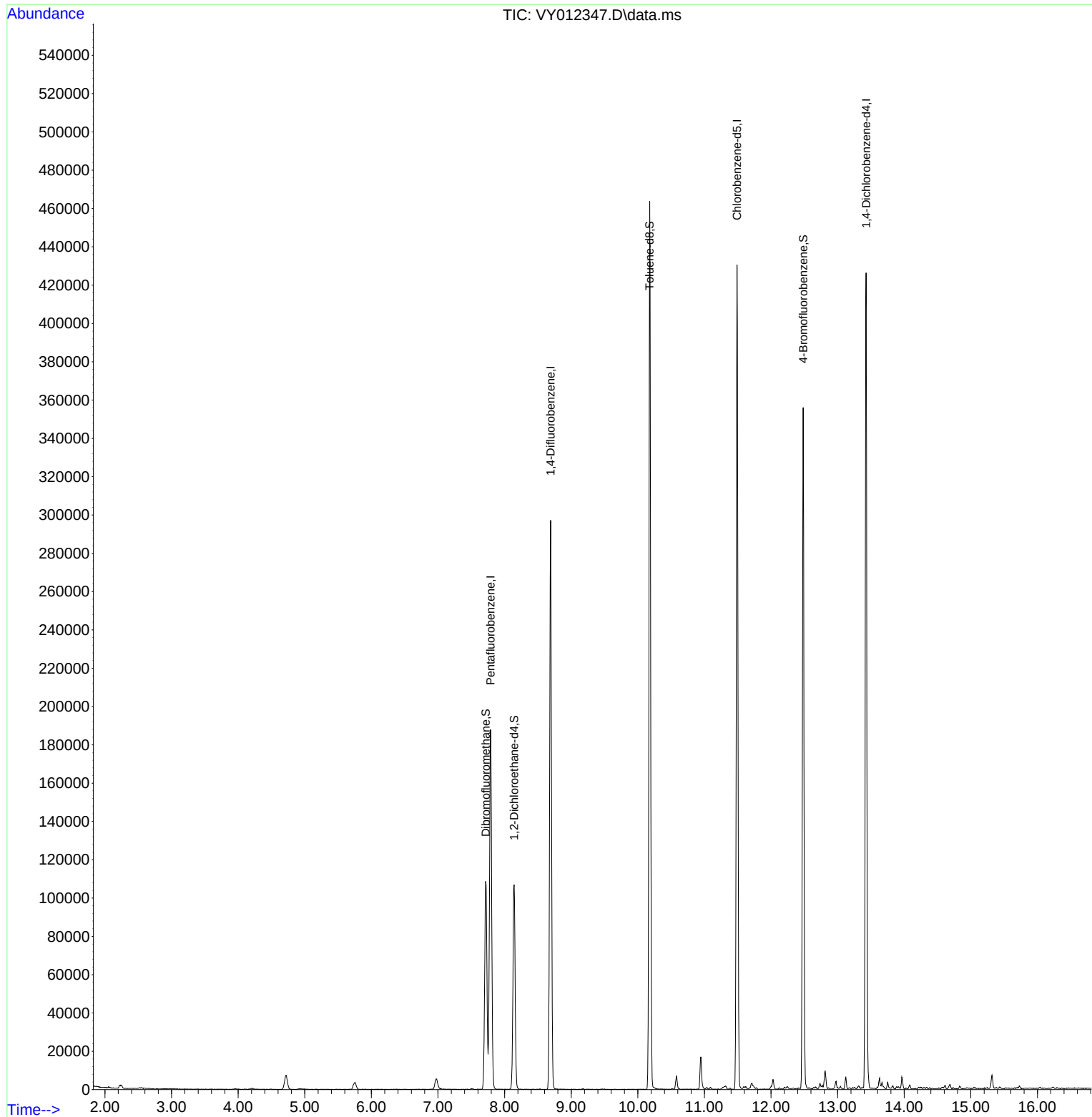
Target Compounds	Qvalue

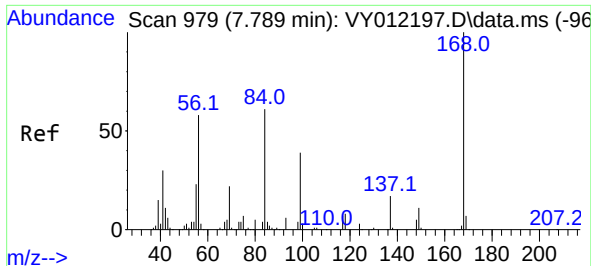
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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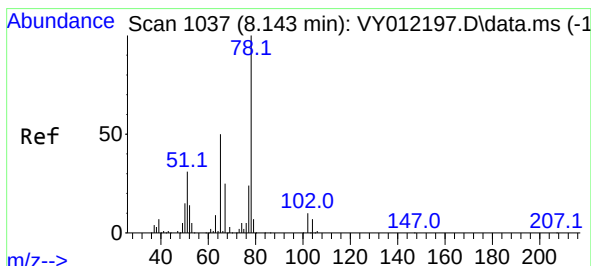
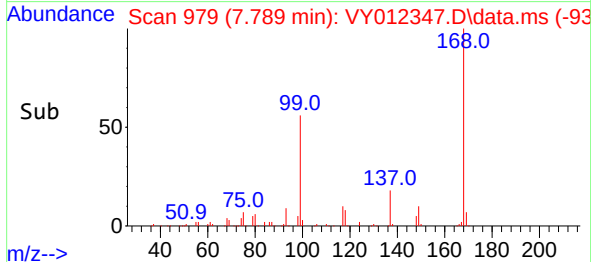
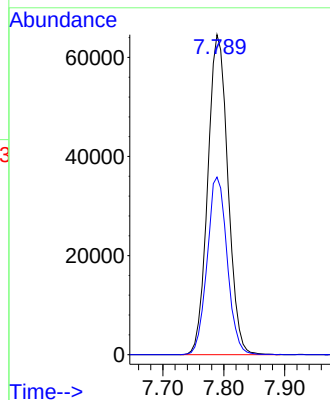
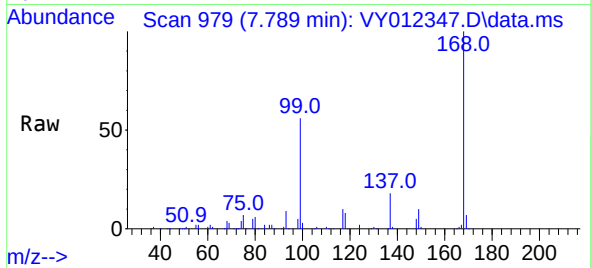




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

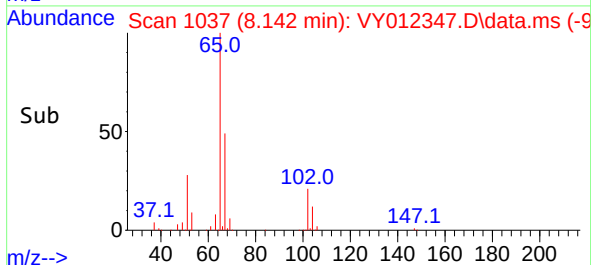
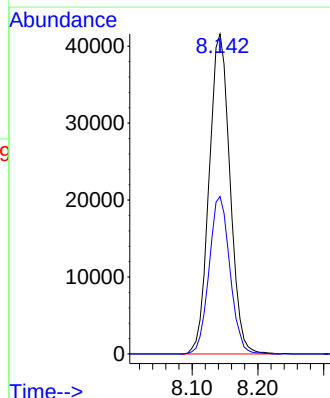
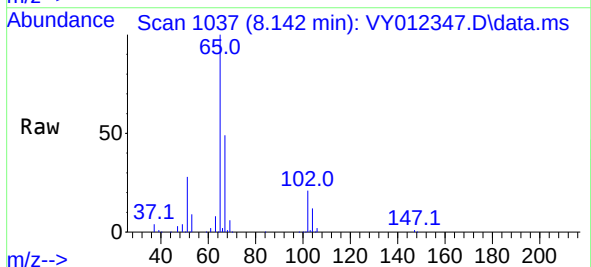
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012023

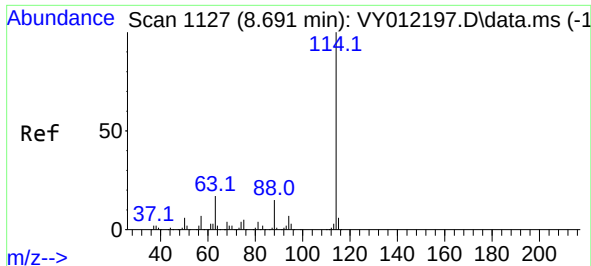
Tgt Ion:168 Resp: 148369
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.776 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

Tgt Ion: 65 Resp: 91830
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.2



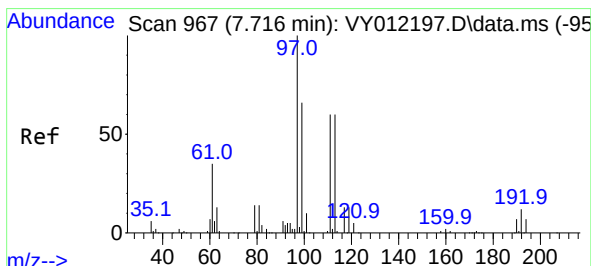
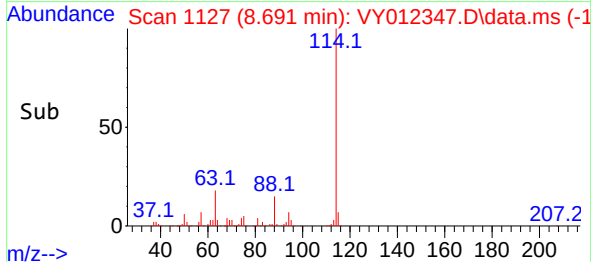
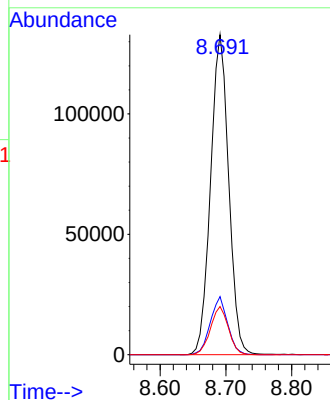
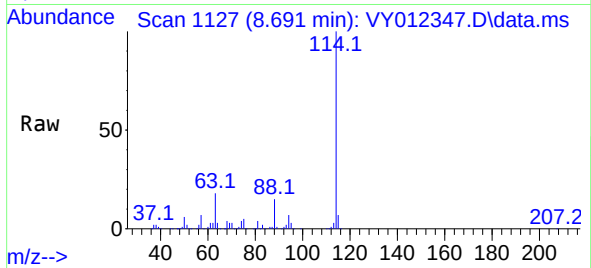


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012023

Tgt Ion:114 Resp: 254731

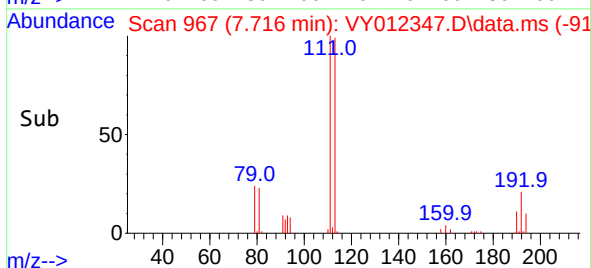
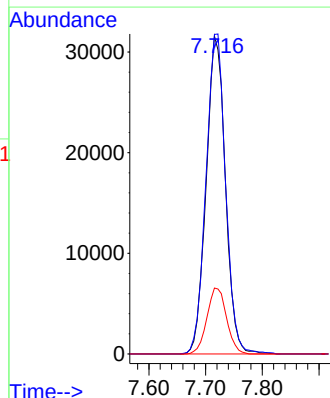
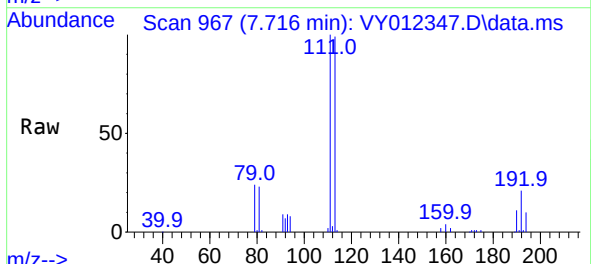
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.6
88	15.1	0.0	32.2

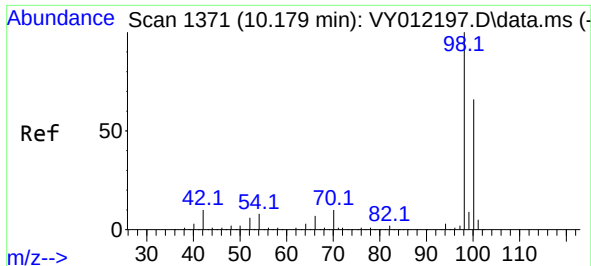


#35
Dibromofluoromethane
Concen: 55.147 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

Tgt Ion:113 Resp: 74383

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	21.2	16.0	24.0

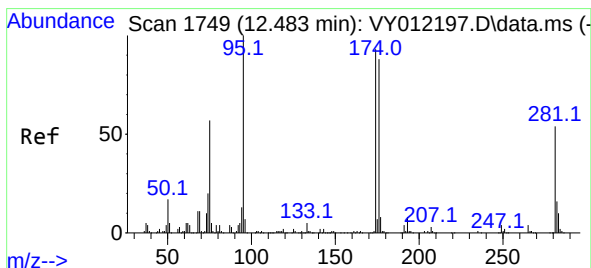
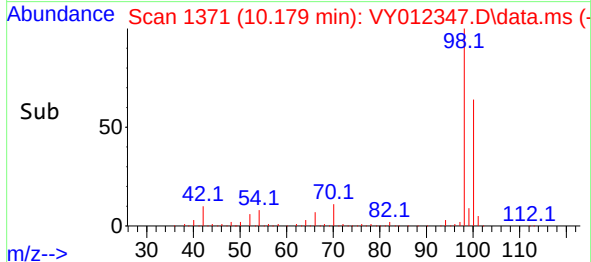
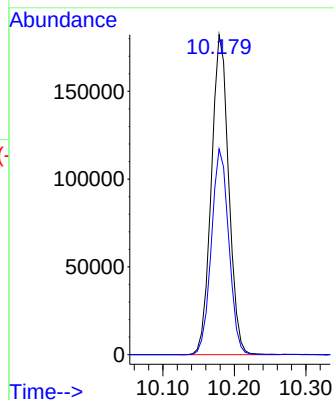
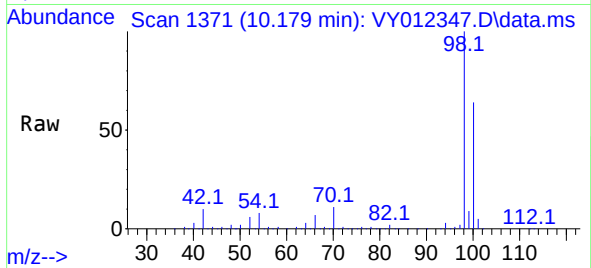




#50
Toluene-d8
Concen: 67.127 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

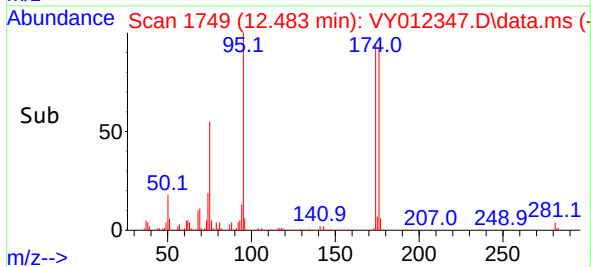
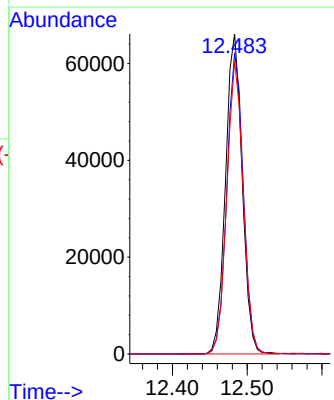
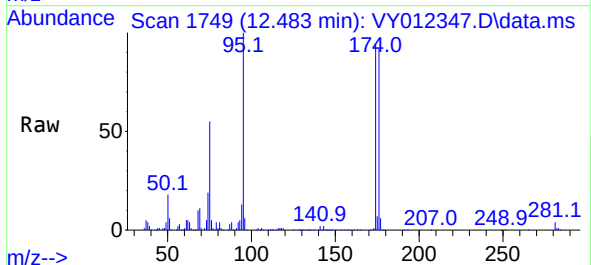
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012023

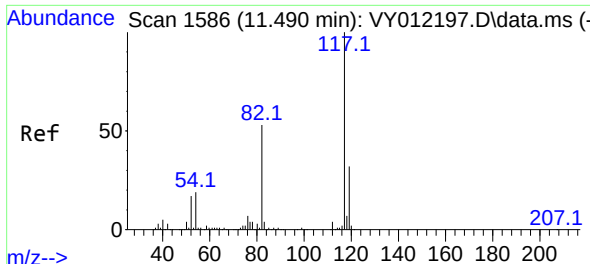
Tgt Ion: 98 Resp: 306775
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.898 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

Tgt Ion: 95 Resp: 102481
Ion Ratio Lower Upper
95 100
174 93.2 0.0 172.0
176 90.0 0.0 167.6

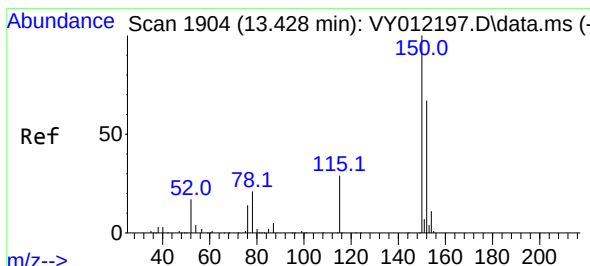
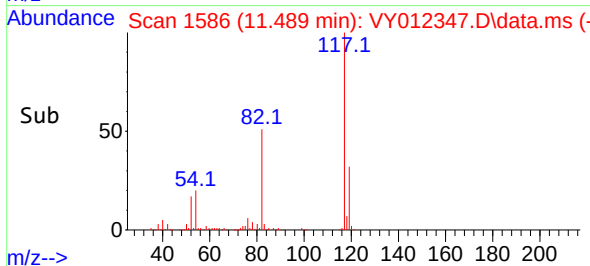
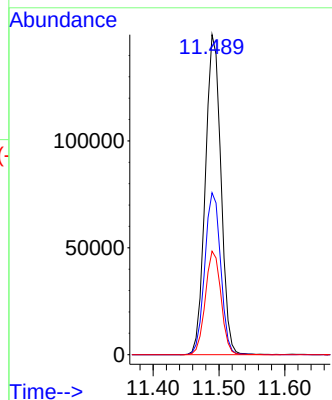
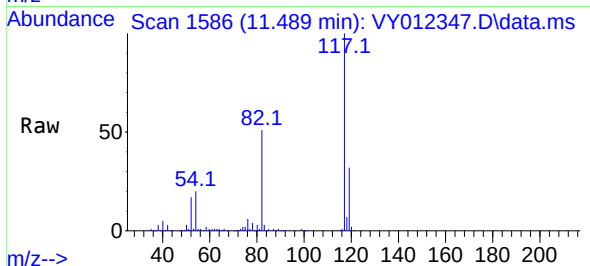




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012347.D
Acq: 24 Jan 2023 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012023

Tgt Ion:117 Resp: 247163
Ion Ratio Lower Upper
117 100
82 50.6 44.8 67.2
119 32.3 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: VY012347.D
Acq: 24 Jan 2023 17:12

Tgt Ion:152 Resp: 117522
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 155.4 0.0 342.6

