

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012336.D
 Acq On : 24 Jan 2023 12:55
 Operator : KP/MD
 Sample : 01243-07
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011923-B4-30-40

Quant Time: Jan 25 01:31:16 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	7.795	168	163124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	260428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	100261	76.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.420%
35) Dibromofluoromethane	7.722	113	80805	56.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.940%
50) Toluene-d8	10.179	98	324347	66.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.760%
62) 4-Bromofluorobenzene	12.483	95	106751	52.921	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.840%

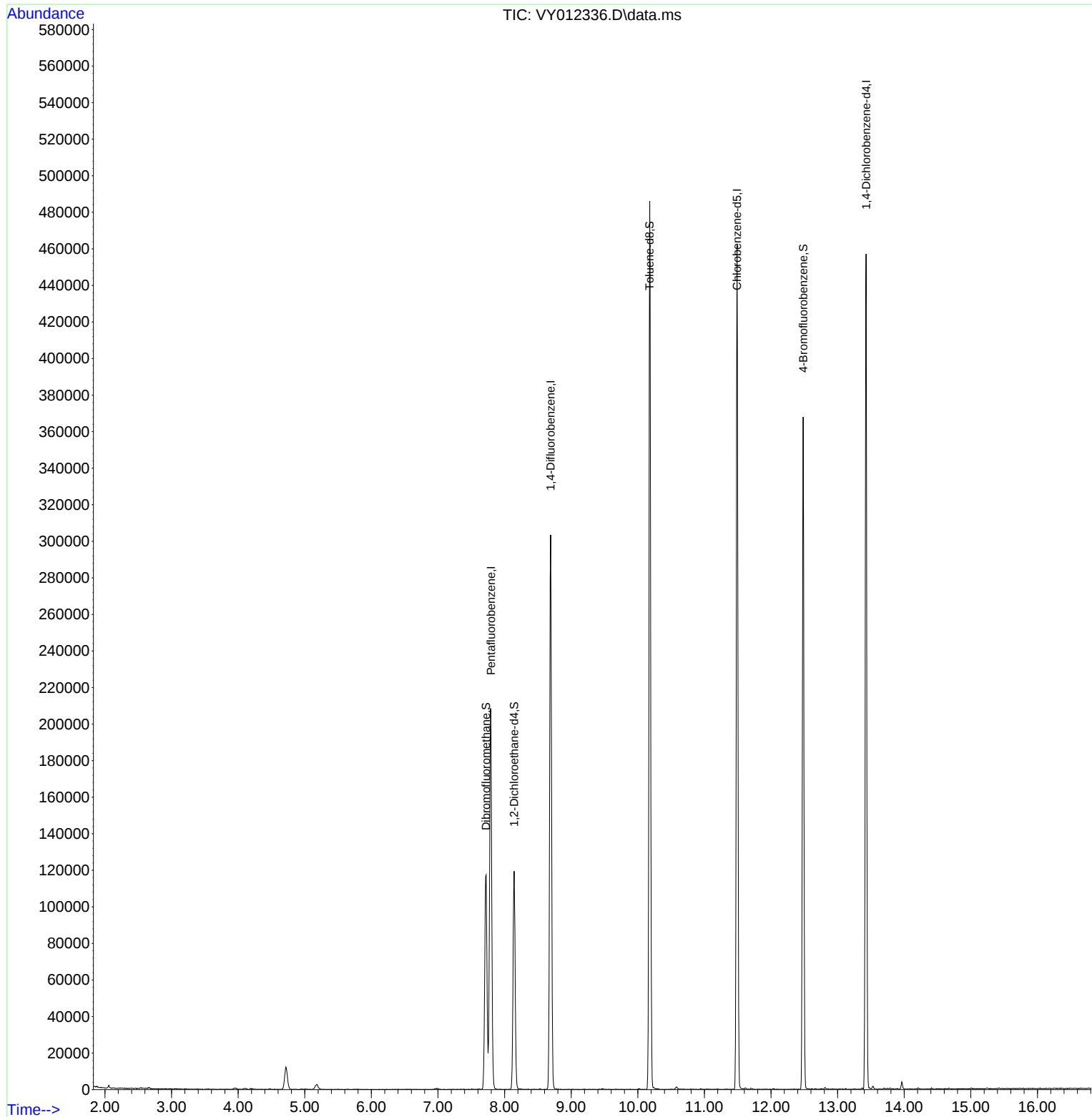
Target Compounds	Qvalue

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

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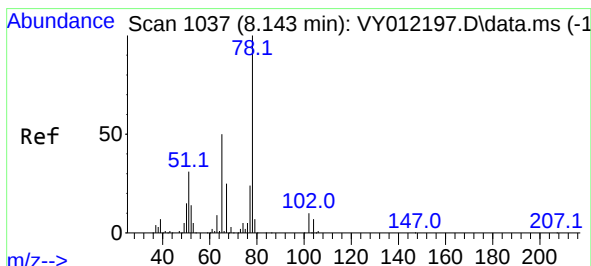
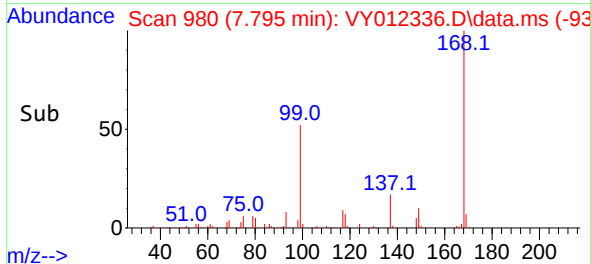
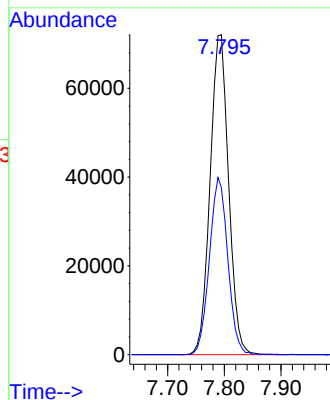
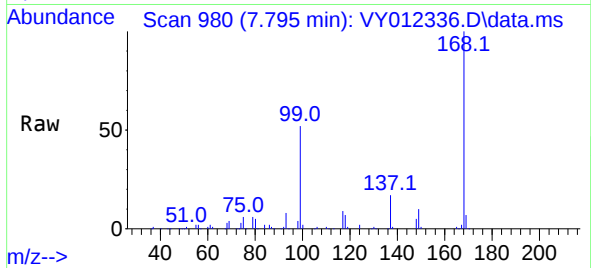




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

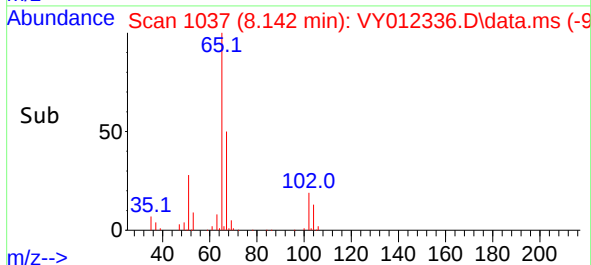
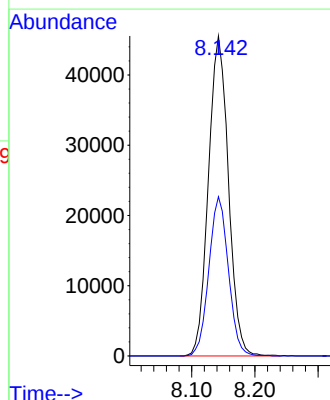
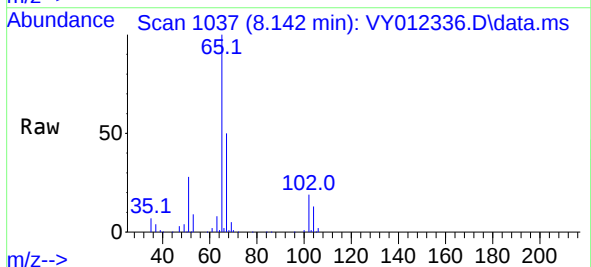
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011923-B4-30-40

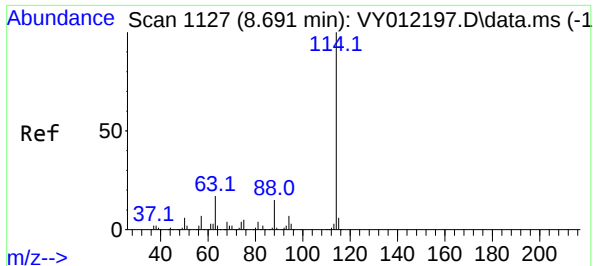
Tgt Ion:168 Resp: 163124
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.213 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

Tgt Ion: 65 Resp: 100261
Ion Ratio Lower Upper
65 100
67 48.5 0.0 103.2

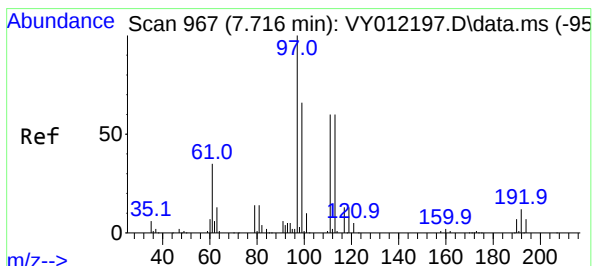
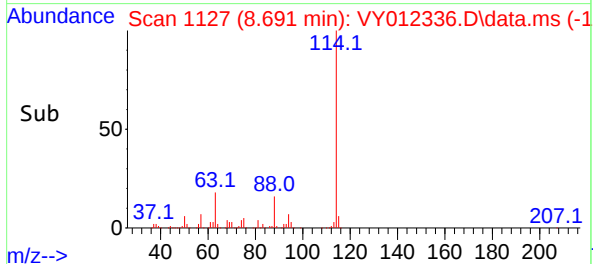
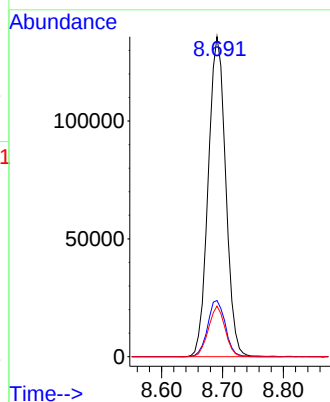
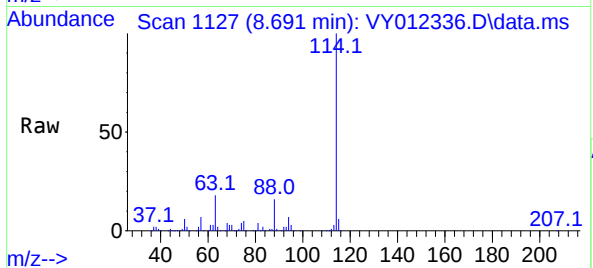




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

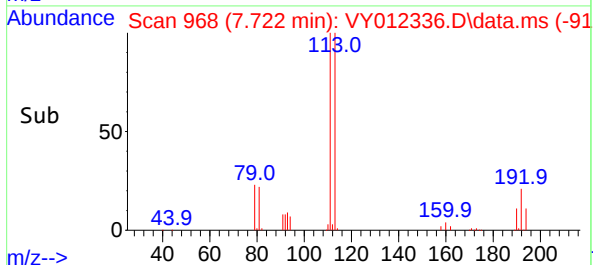
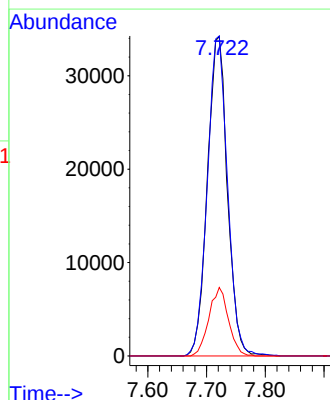
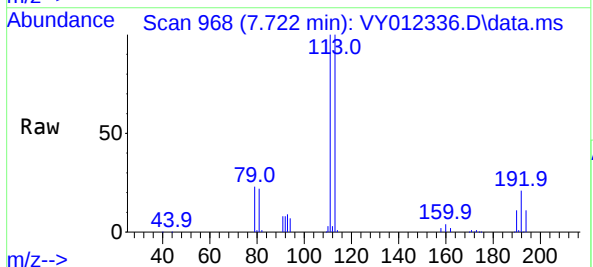
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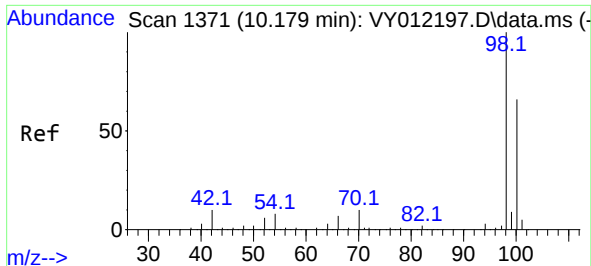
Tgt Ion:114 Resp: 270242
Ion Ratio Lower Upper
114 100
63 17.5 0.0 39.6
88 15.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 56.470 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

Tgt Ion:113 Resp: 80805
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.4
192 21.0 16.0 24.0

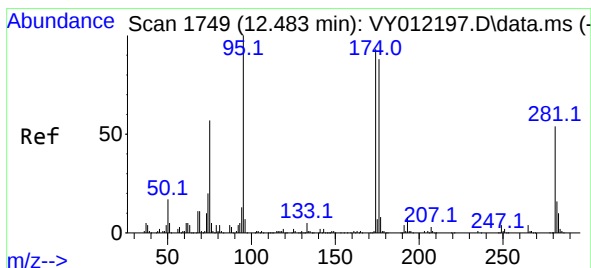
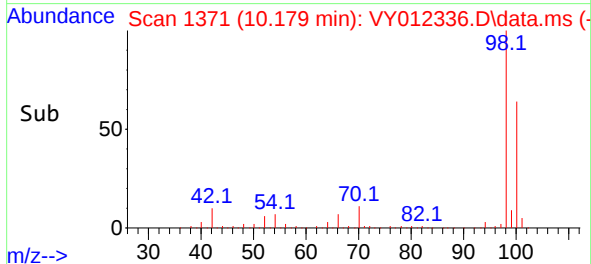
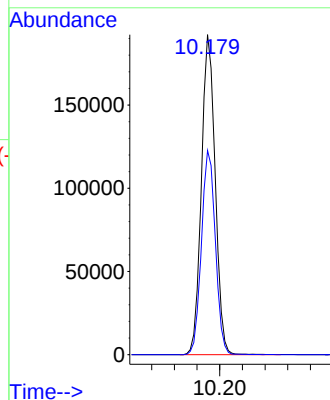
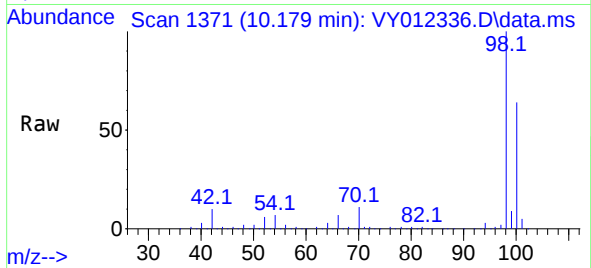




#50
Toluene-d8
Concen: 66.883 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

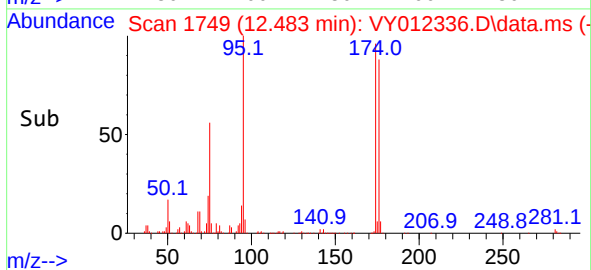
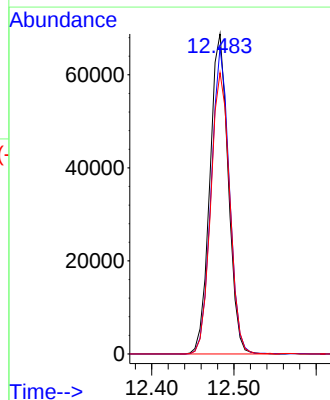
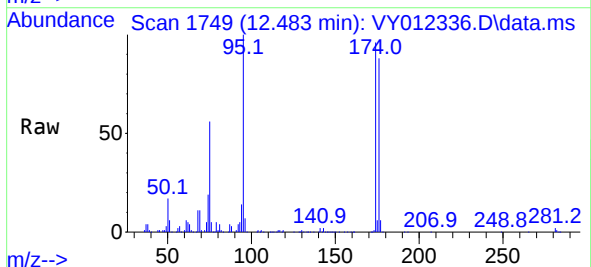
Instrument :
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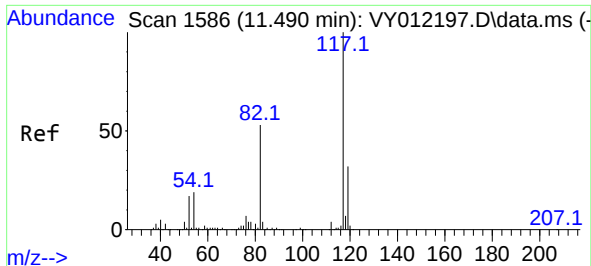
Tgt Ion: 98 Resp: 324347
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.921 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

Tgt Ion: 95 Resp: 106751
Ion Ratio Lower Upper
95 100
174 94.3 0.0 172.0
176 90.4 0.0 167.6



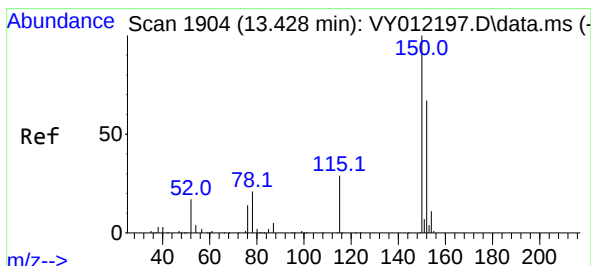
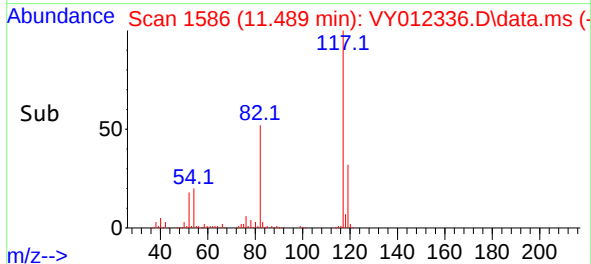
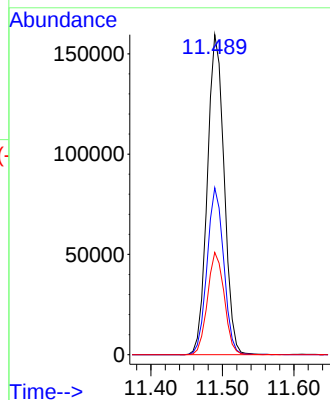
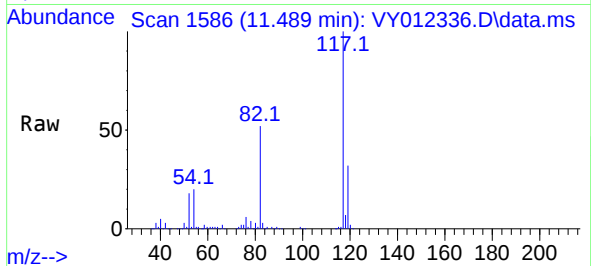


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011923-B4-30-40

Tgt Ion:117 Resp: 260428

Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.8	67.2
119	32.0	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: VY012336.D
Acq: 24 Jan 2023 12:55

Tgt Ion:152 Resp: 120931

Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.1	87.3
150	159.1	0.0	342.6

