

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012314.D
 Acq On : 23 Jan 2023 15:24
 Operator : KP/MD
 Sample : 01232-09RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-35BRE

Quant Time: Jan 23 15:56:52 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	39101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	65182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	65342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29180	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28631	91.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	183.220%#
35) Dibromofluoromethane	7.722	113	20626	59.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.520%
50) Toluene-d8	10.179	98	77474	66.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.380%
62) 4-Bromofluorobenzene	12.483	95	25929	53.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.580%

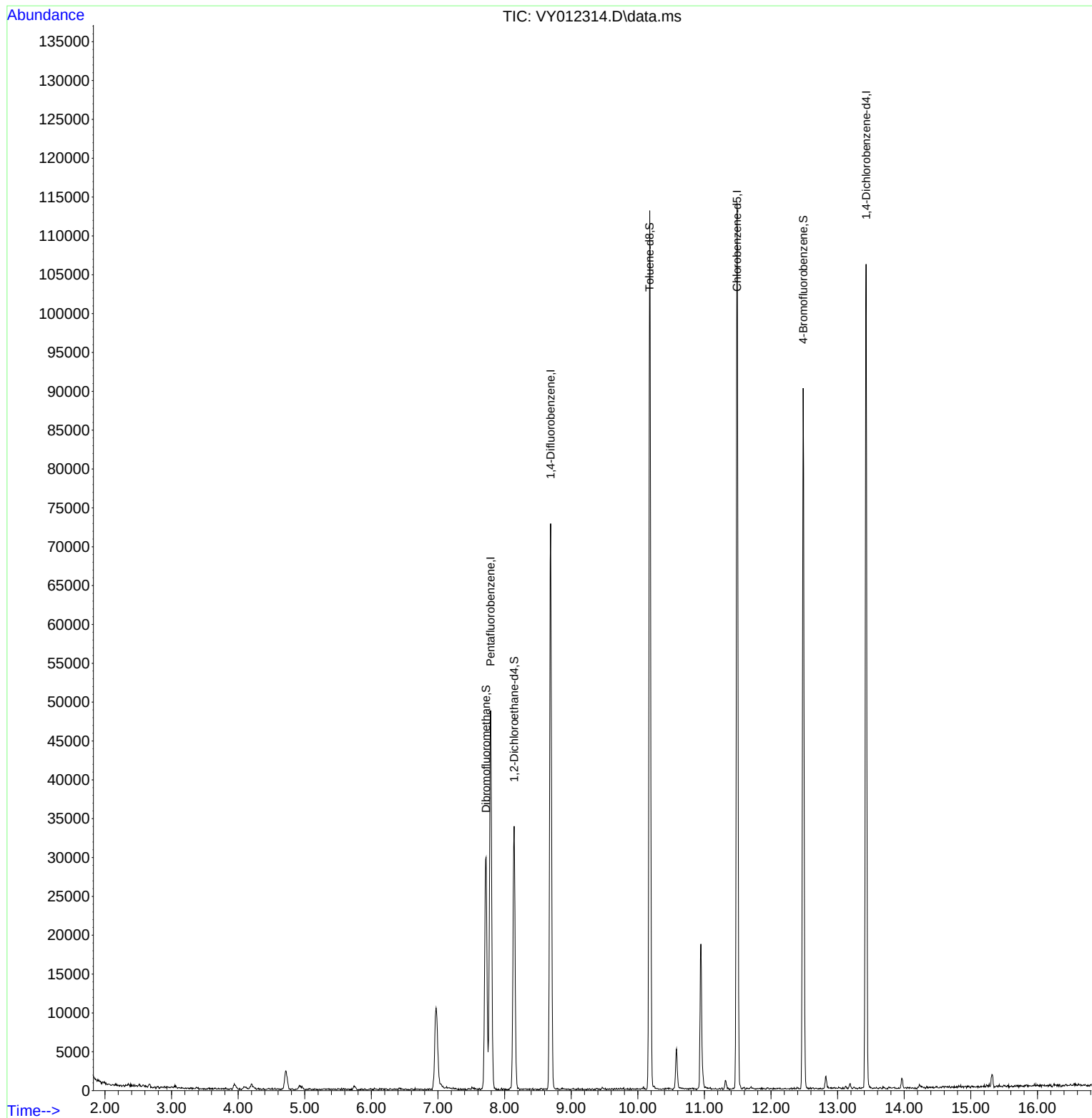
Target Compounds	Qvalue

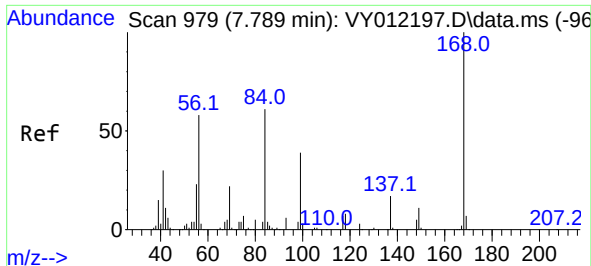
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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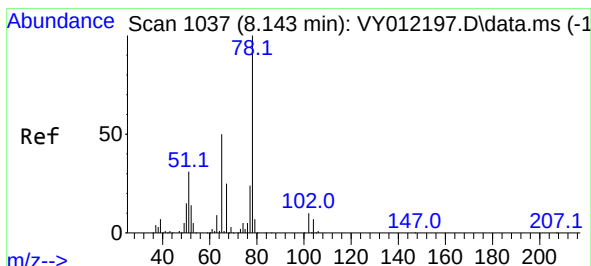
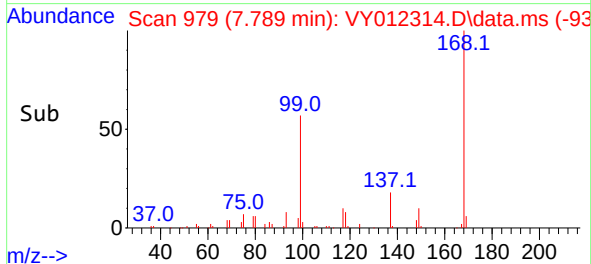
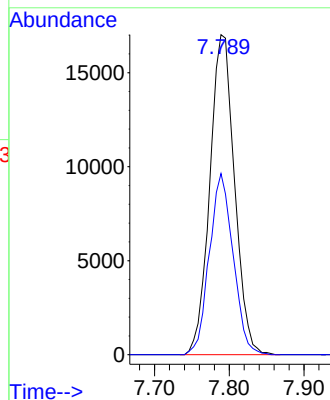
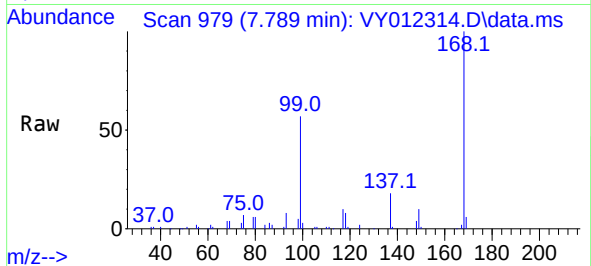




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

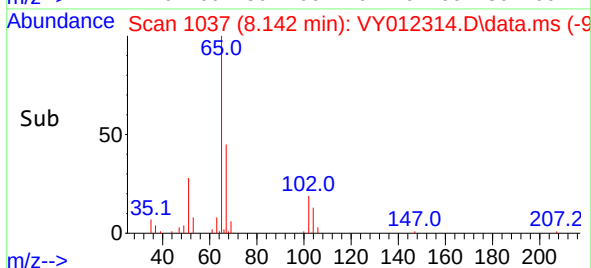
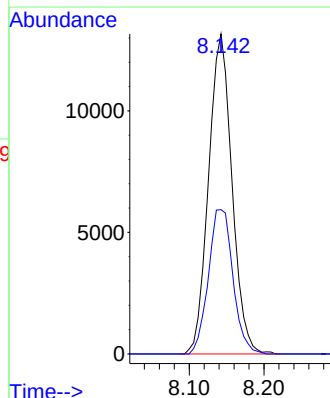
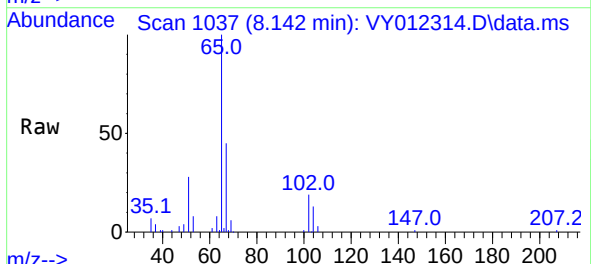
Instrument :
MSVOA_Y
ClientSampleId :
B-P-35BRE

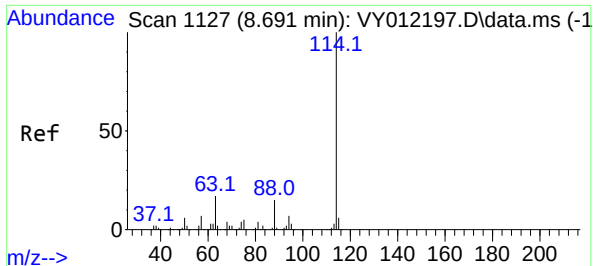
Tgt Ion:168 Resp: 39101
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 91.612 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Tgt Ion: 65 Resp: 28631
Ion Ratio Lower Upper
65 100
67 47.3 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: VY012314.D

Acq: 23 Jan 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

B-P-35BRE

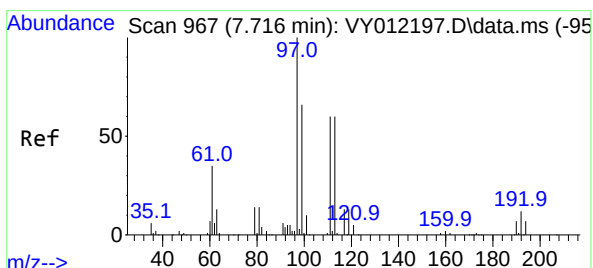
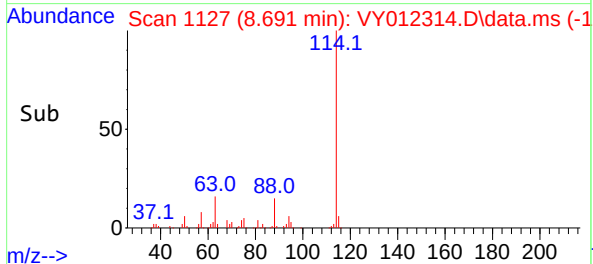
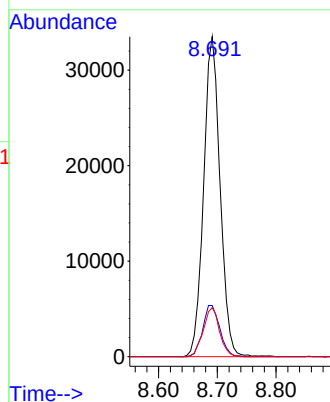
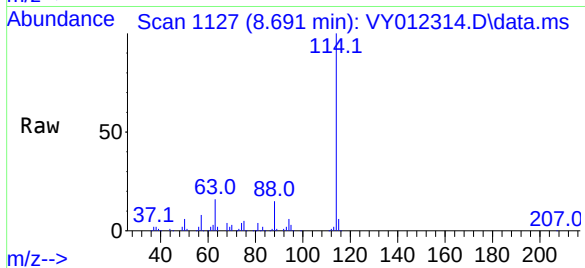
Tgt Ion:114 Resp: 65182

Ion Ratio Lower Upper

114 100

63 16.0 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 59.761 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012314.D

Acq: 23 Jan 2023 15:24

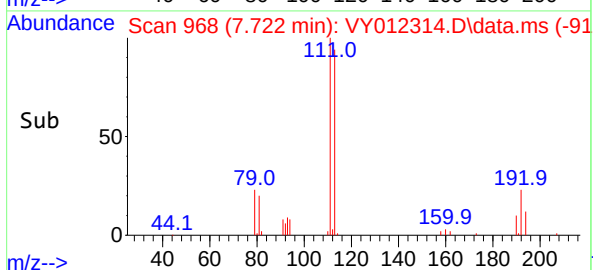
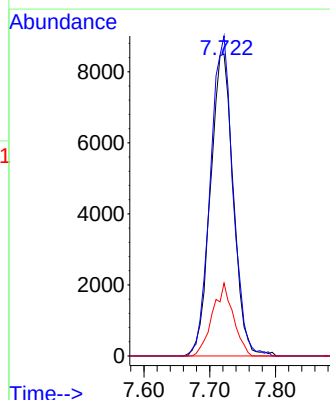
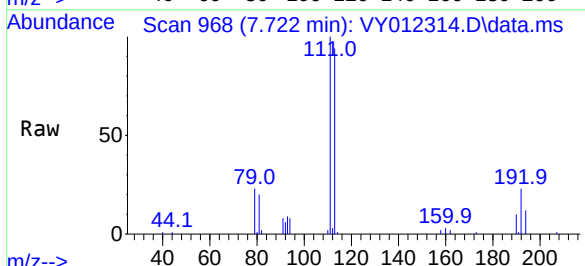
Tgt Ion:113 Resp: 20626

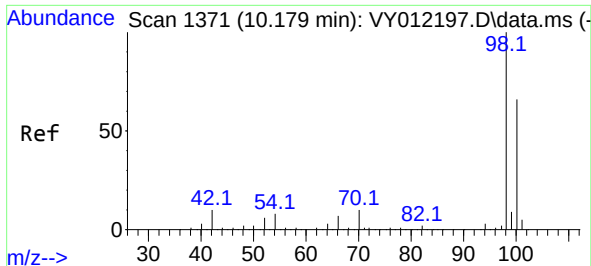
Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.4

192 21.9 16.0 24.0

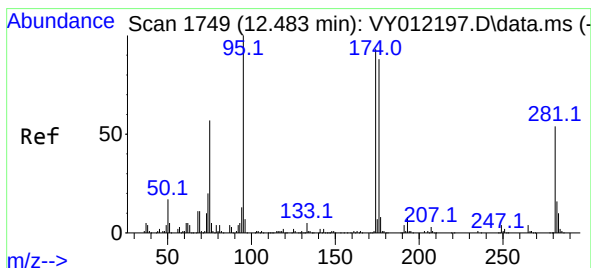
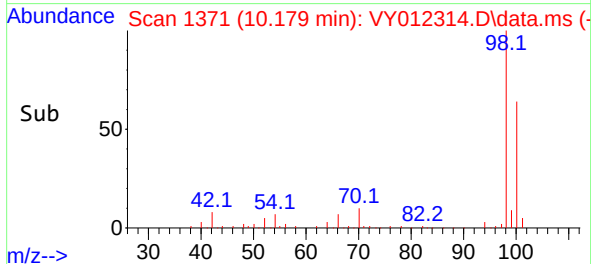
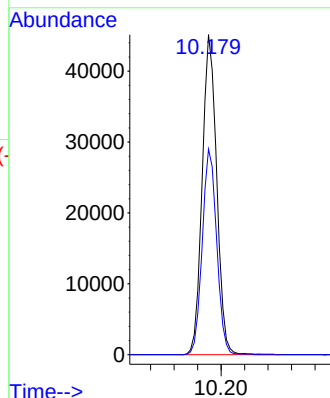
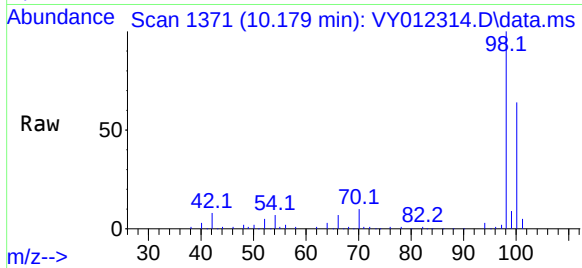




#50
Toluene-d8
Concen: 66.189 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

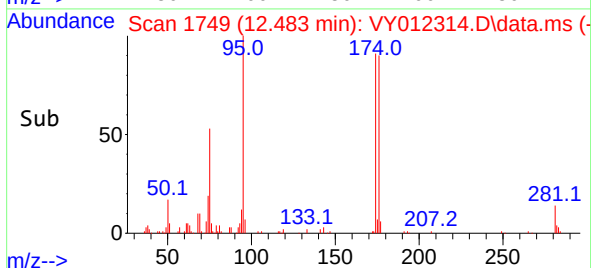
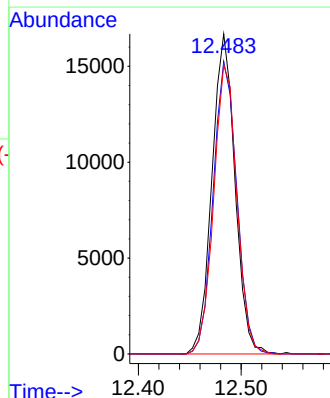
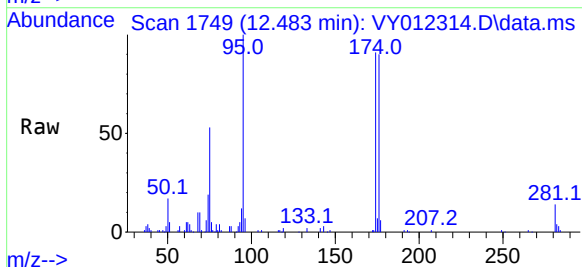
Instrument :
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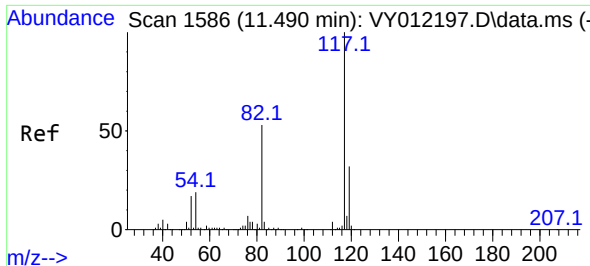
Tgt Ion: 98 Resp: 77474
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Tgt Ion: 95 Resp: 25929
Ion Ratio Lower Upper
95 100
174 93.6 0.0 172.0
176 90.9 0.0 167.6

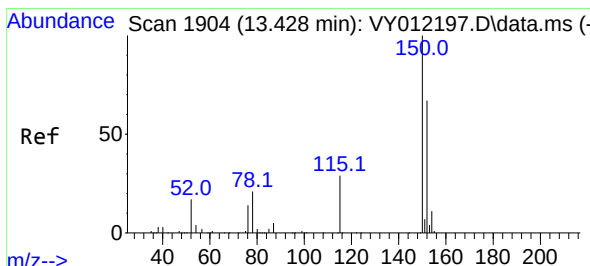
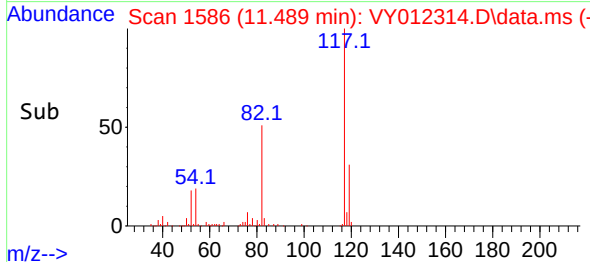
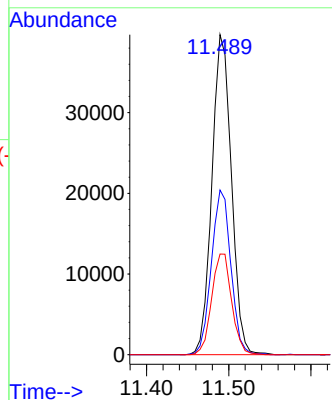
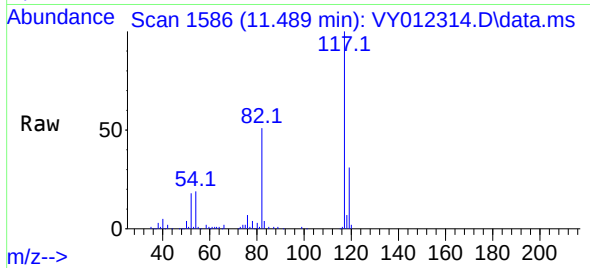




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11586
Delta R.T. -0.001 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
B-P-35BRE

Tgt Ion:117 Resp: 65342
Ion Ratio Lower Upper
117 100
82 51.4 44.8 67.2
119 31.4 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: VY012314.D
Acq: 23 Jan 2023 15:24

Tgt Ion:152 Resp: 29180
Ion Ratio Lower Upper
152 100
115 56.2 29.1 87.3
150 158.6 0.0 342.6

