

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012418.D
 Acq On : 31 Jan 2023 14:25
 Operator : KP/MD
 Sample : 01354-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Feb 01 01:24:26 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	3246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2965	115.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	230.680%#
35) Dibromofluoromethane	7.722	113	973	32.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.520%
50) Toluene-d8	10.179	98	6581	64.207	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.420%
62) 4-Bromofluorobenzene	12.483	95	2203	51.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.620%

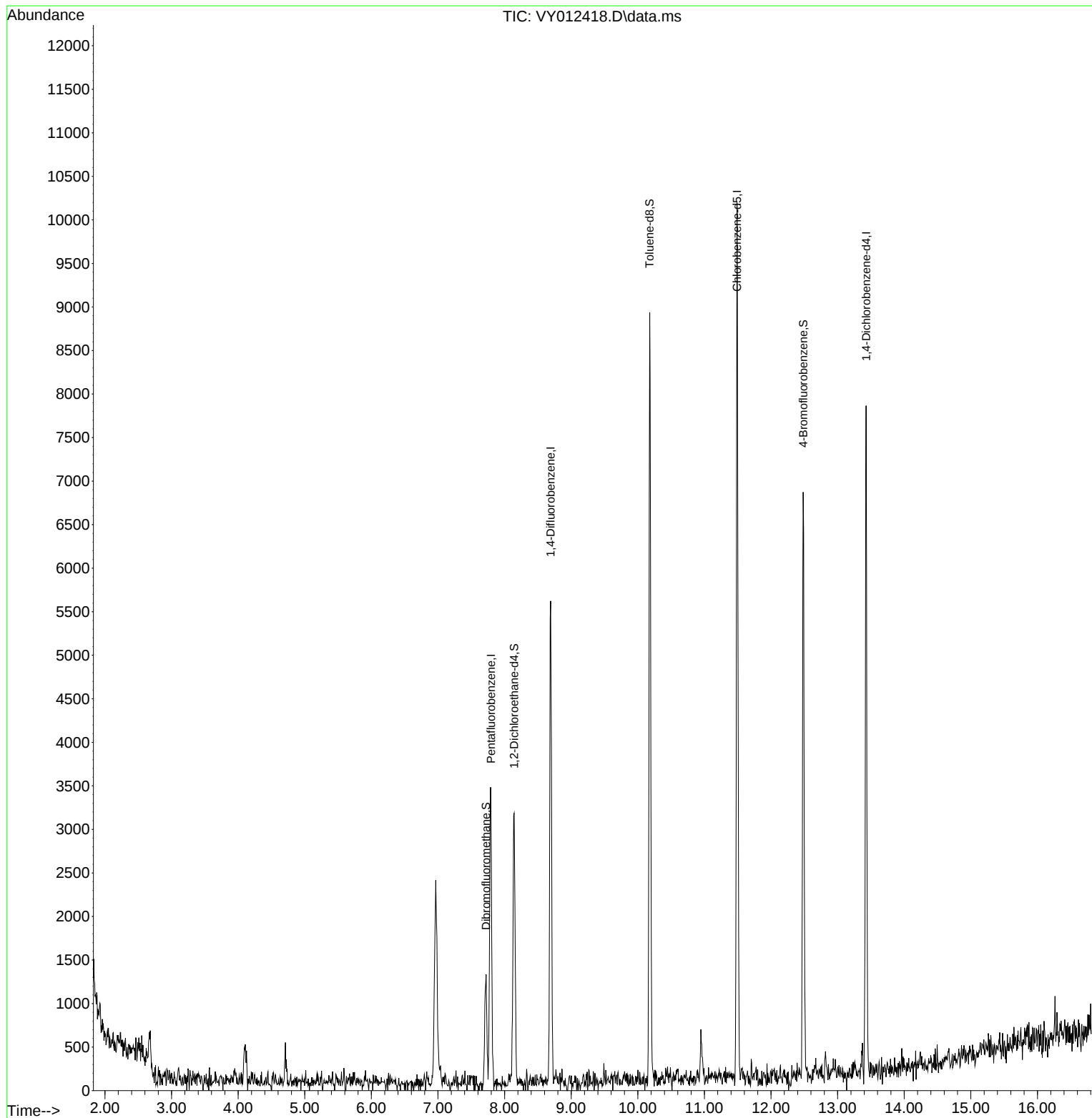
Target Compounds	Qvalue

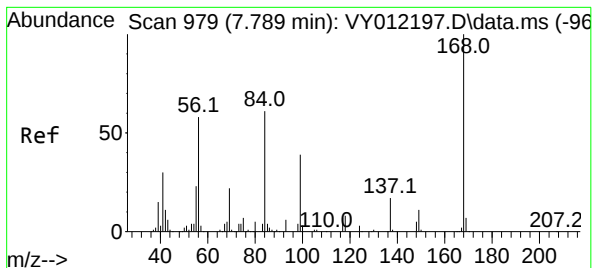
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY012418.D

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Instrument :

MSVOA_Y

ClientSampleId :

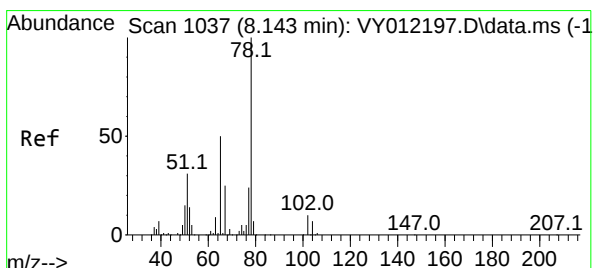
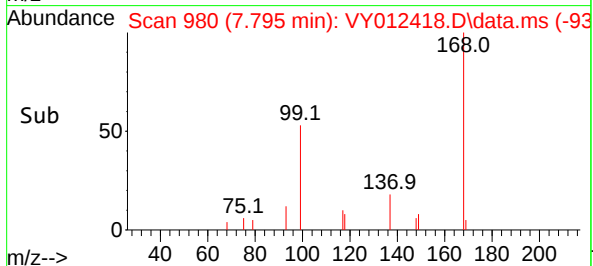
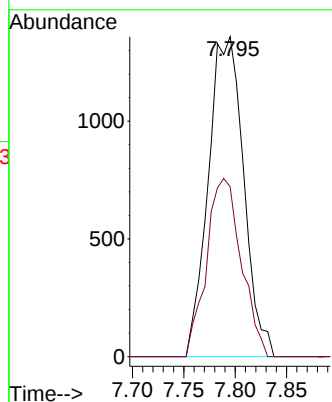
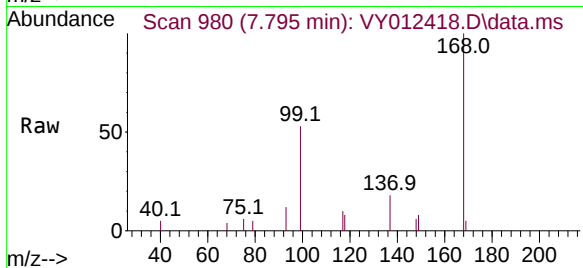
VOC

Tgt Ion:168 Resp: 3246

Ion Ratio Lower Upper

168 100

99 53.1 44.0 66.0



#33

1,2-Dichloroethane-d4

Concen: 115.338 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012418.D

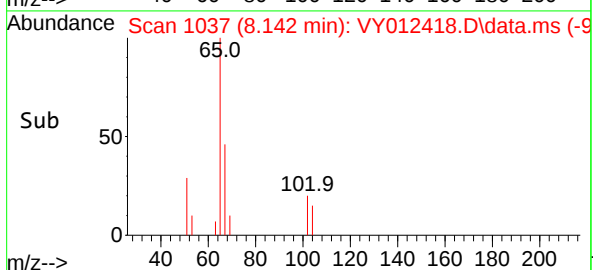
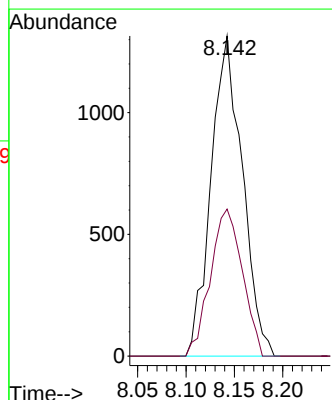
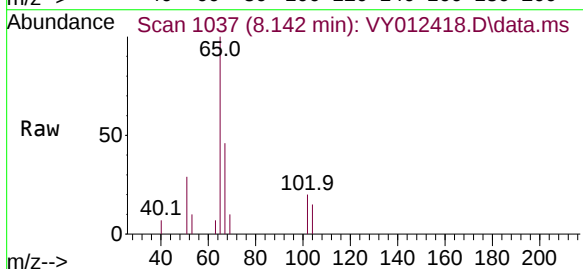
Acq: 31 Jan 2023 14:25

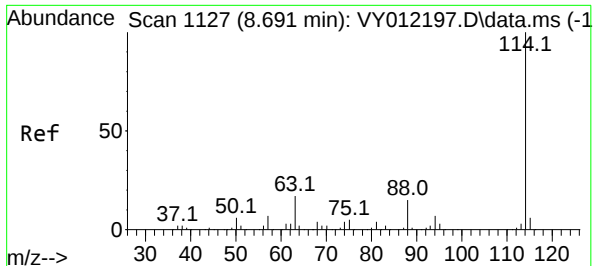
Tgt Ion: 65 Resp: 2965

Ion Ratio Lower Upper

65 100

67 46.8 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: VY012418.D

Acq: 31 Jan 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VOC

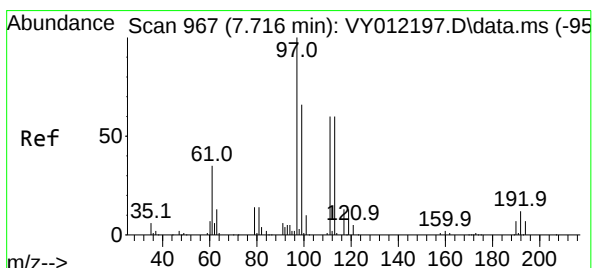
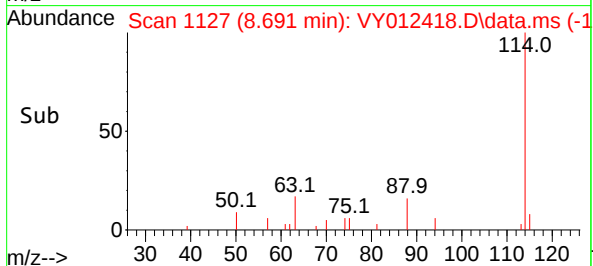
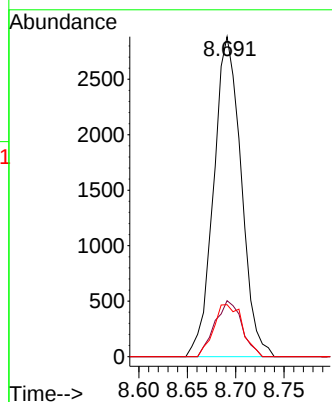
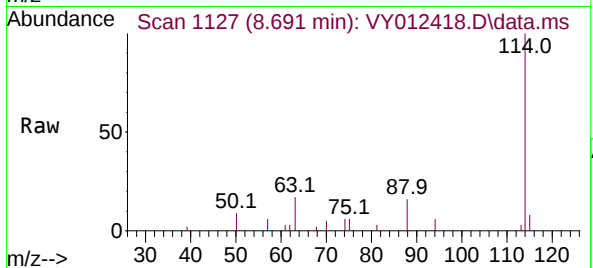
Tgt Ion:114 Resp: 5696

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 32.261 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012418.D

Acq: 31 Jan 2023 14:25

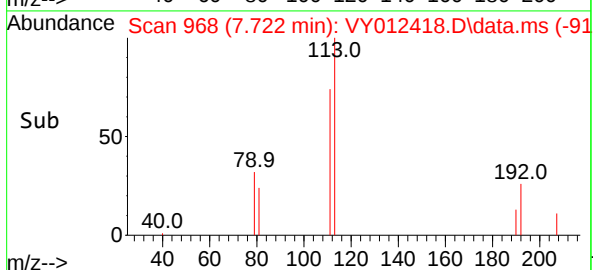
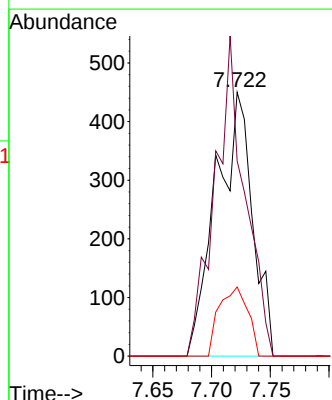
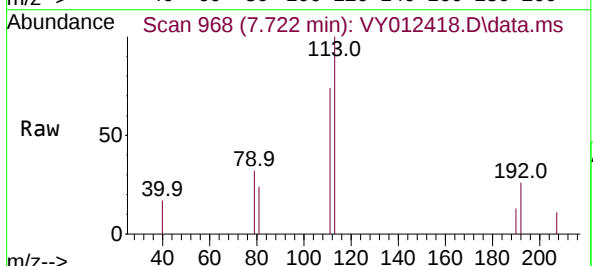
Tgt Ion:113 Resp: 973

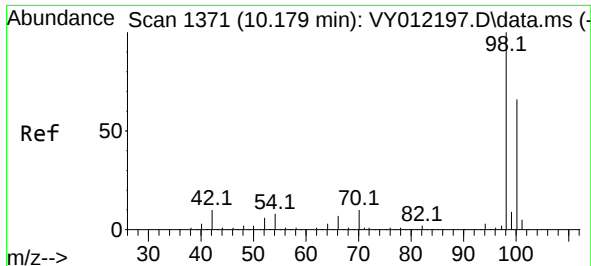
Ion Ratio Lower Upper

113 100

111 99.7 83.0 124.4

192 20.6 16.0 24.0

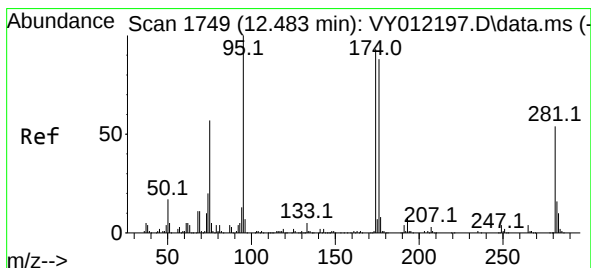
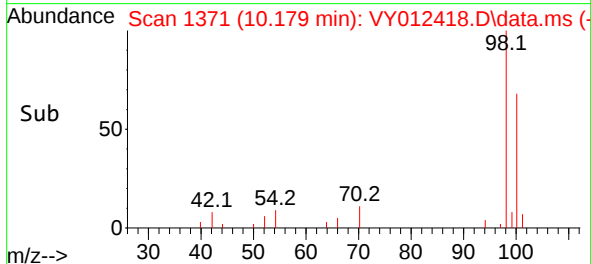
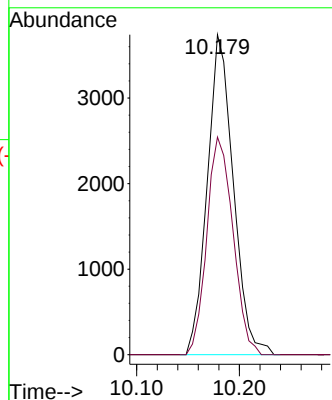
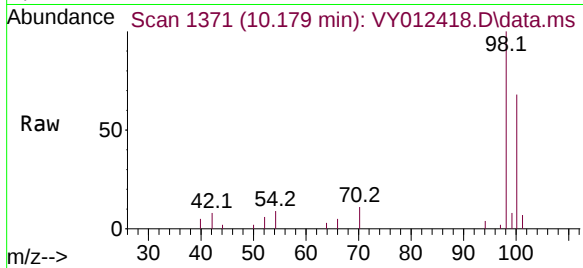




#50
Toluene-d8
Concen: 64.207 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012418.D
Acq: 31 Jan 2023 14:25

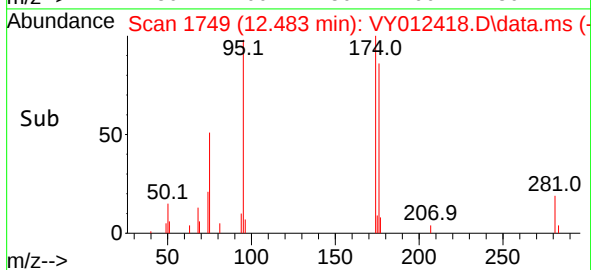
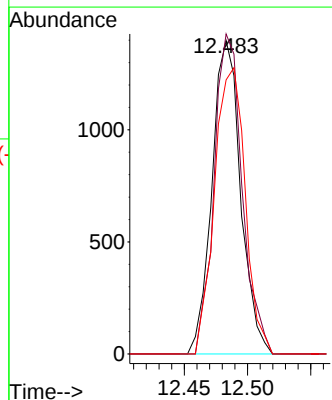
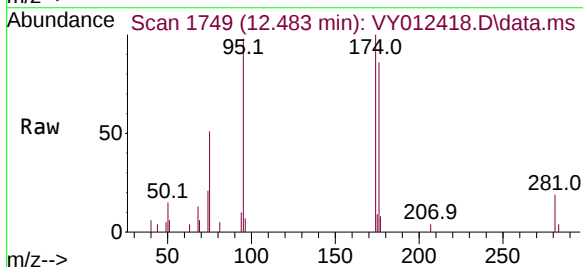
Instrument :
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VOC

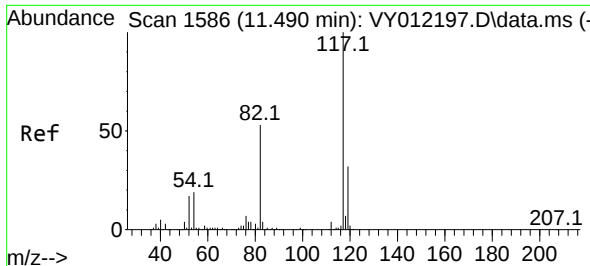
Tgt Ion: 98 Resp: 6581
Ion Ratio Lower Upper
98 100
100 68.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.815 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012418.D
Acq: 31 Jan 2023 14:25

Tgt Ion: 95 Resp: 2203
Ion Ratio Lower Upper
95 100
174 100.1 0.0 172.0
176 97.4 0.0 167.6

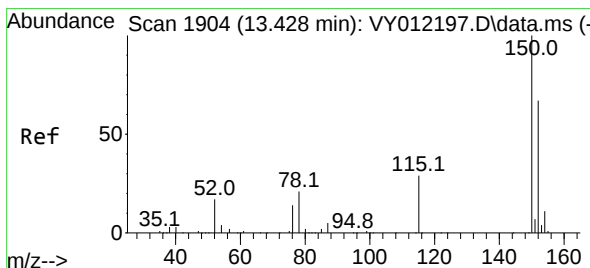
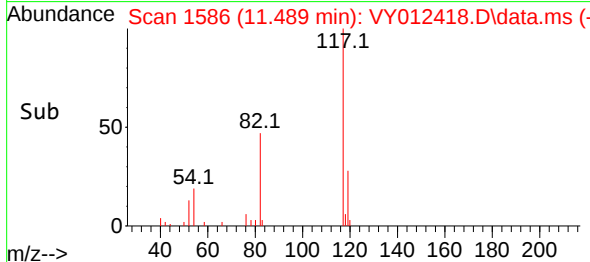
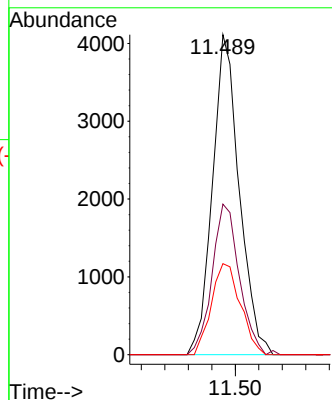
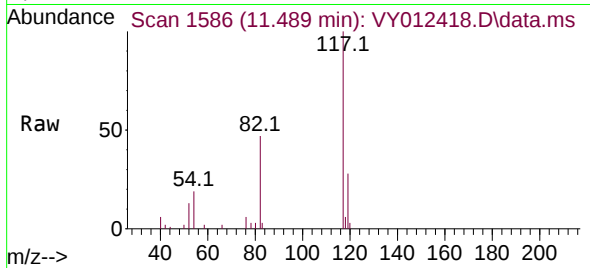




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012418.D
Acq: 31 Jan 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 6503
Ion Ratio Lower Upper
117 100
82 47.1 44.8 67.2
119 28.5 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: VY012418.D
Acq: 31 Jan 2023 14:25

Tgt Ion:152 Resp: 2416
Ion Ratio Lower Upper
152 100
115 56.0 29.1 87.3
150 153.8 0.0 342.6

