

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012486.D
 Acq On : 03 Feb 2023 18:44
 Operator : KP/MD
 Sample : 01410-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12013

Quant Time: Feb 04 00:14:31 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	59982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	98685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	98176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	35871	74.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.080%
35) Dibromofluoromethane	7.722	113	31107	59.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.060%
50) Toluene-d8	10.179	98	118031	66.634	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.260%
62) 4-Bromofluorobenzene	12.483	95	36301	49.281	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.560%

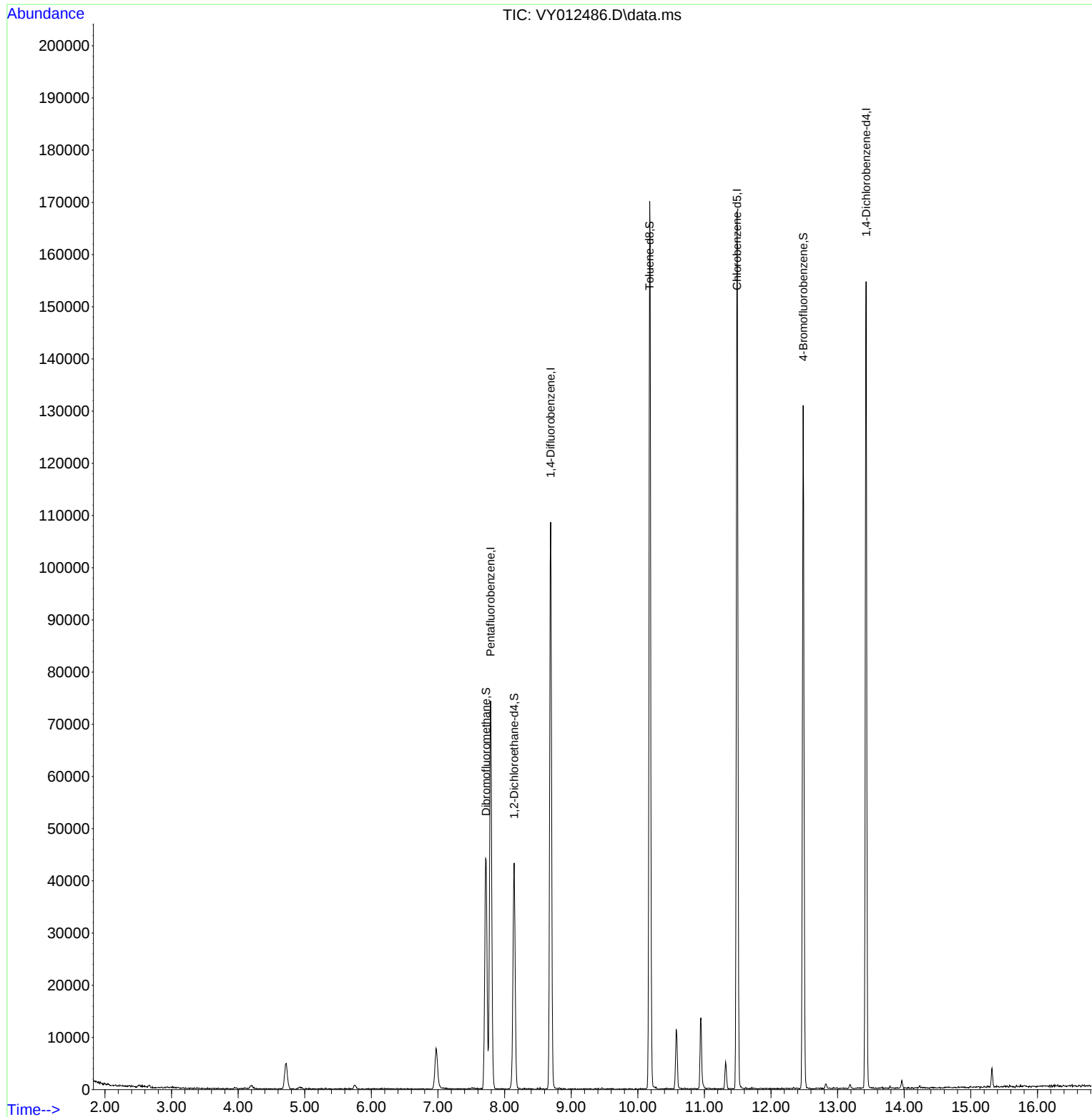
Target Compounds	Qvalue

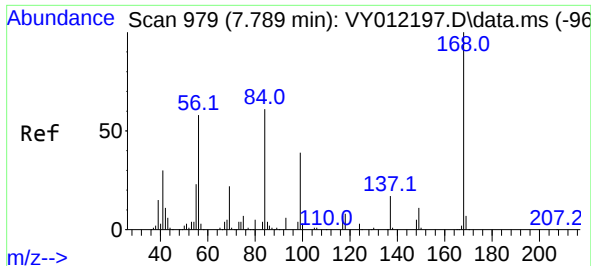
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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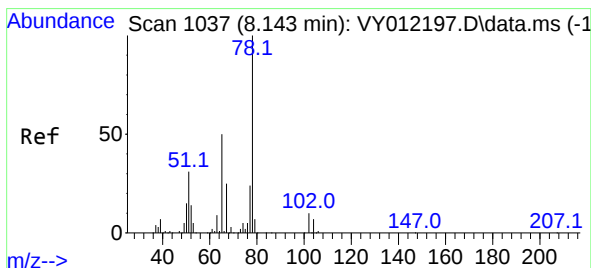
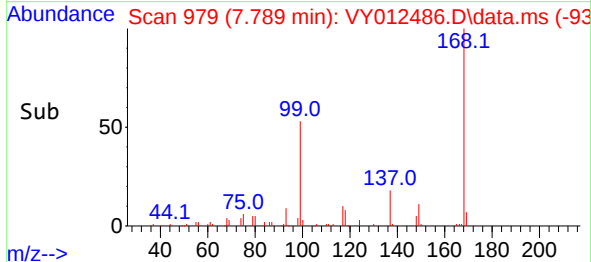
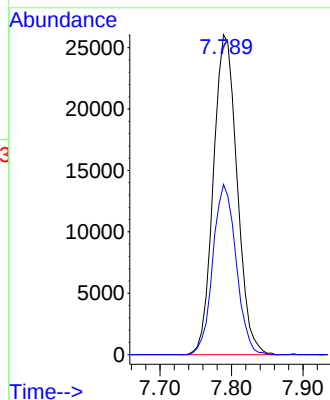
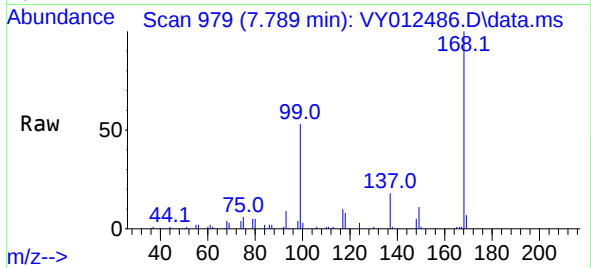




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012486.D
Acq: 03 Feb 2023 18:44

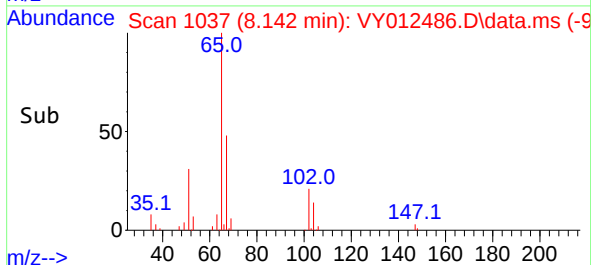
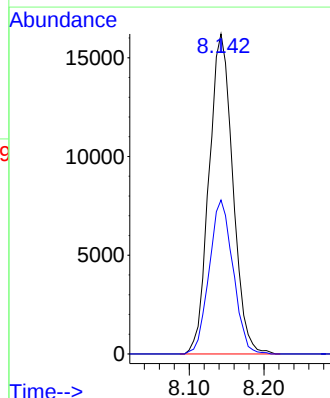
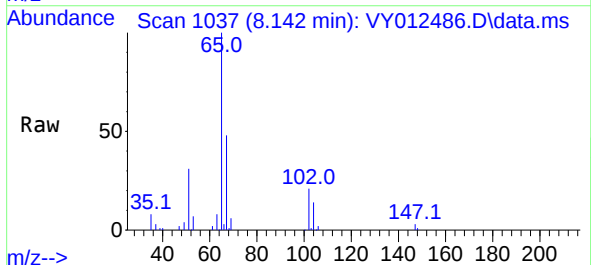
Instrument :
MSVOA_Y
ClientSampleId :
72-12013

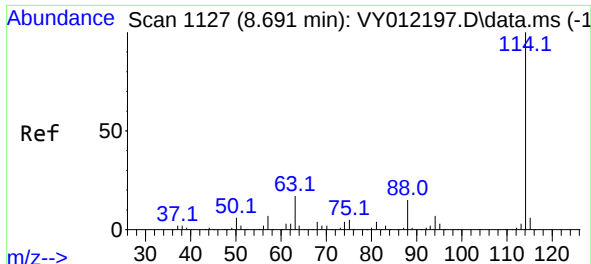
Tgt Ion:168 Resp: 59982
Ion Ratio Lower Upper
168 100
99 53.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 74.039 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012486.D
Acq: 03 Feb 2023 18:44

Tgt Ion: 65 Resp: 35871
Ion Ratio Lower Upper
65 100
67 48.2 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: VY012486.D

Acq: 03 Feb 2023 18:44

Instrument :

MSVOA_Y

ClientSampleId :

72-12013

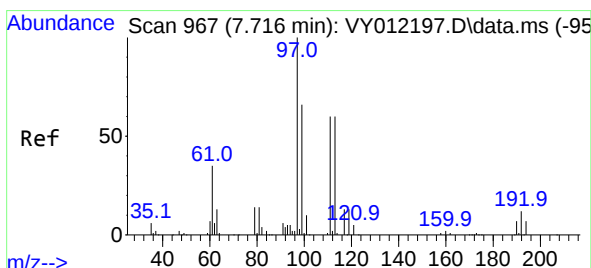
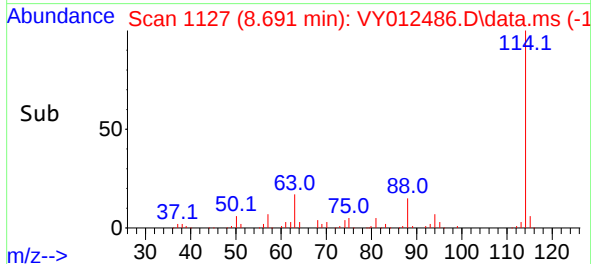
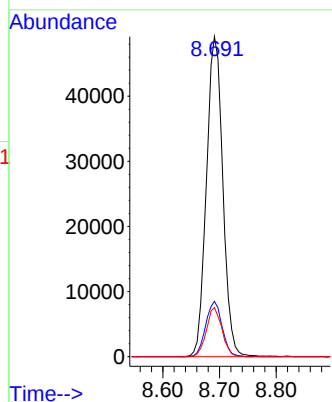
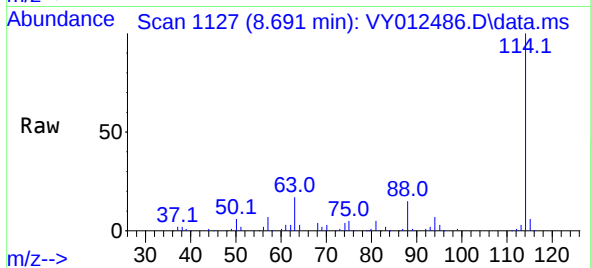
Tgt Ion:114 Resp: 98685

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 59.531 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012486.D

Acq: 03 Feb 2023 18:44

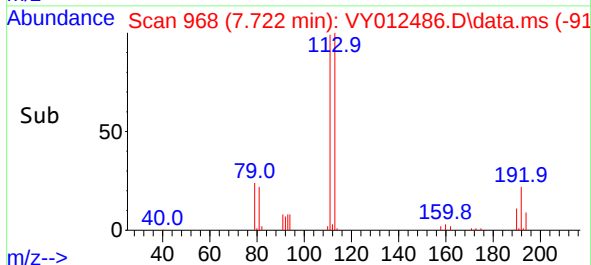
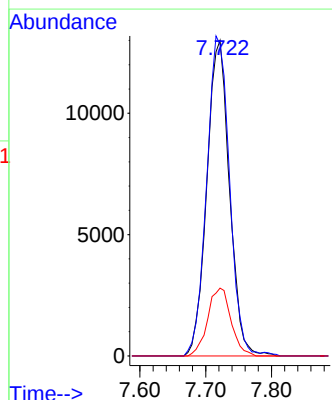
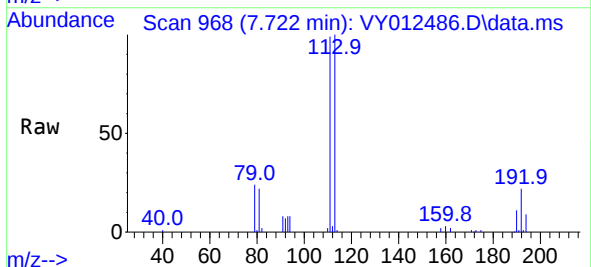
Tgt Ion:113 Resp: 31107

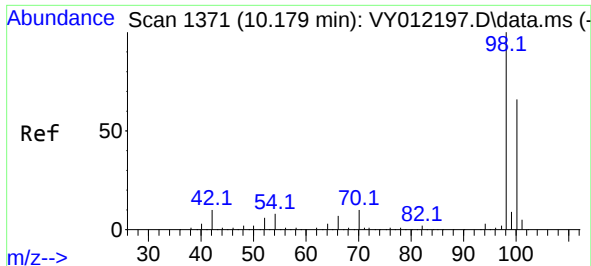
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 22.2 16.0 24.0

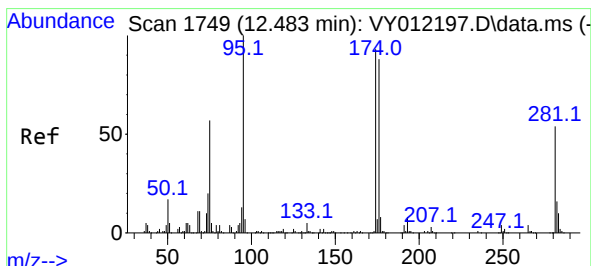
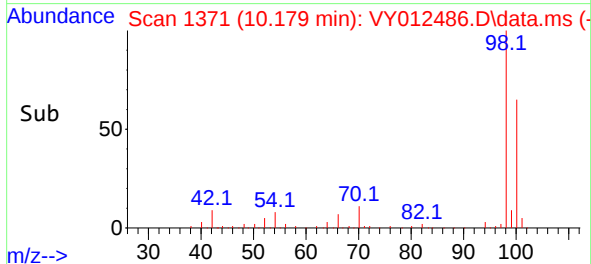
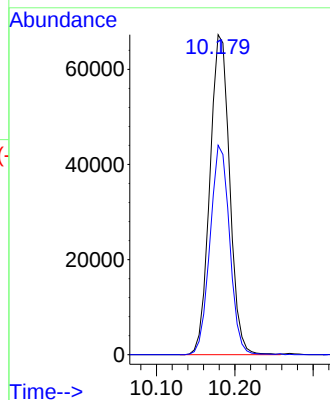
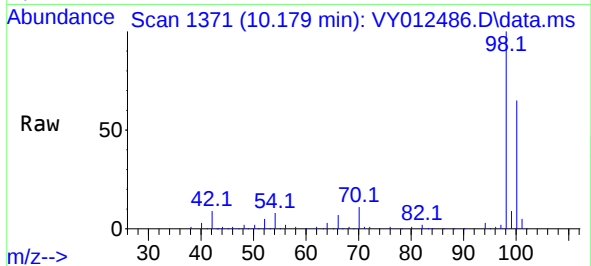




#50
Toluene-d8
Concen: 66.634 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012486.D
Acq: 03 Feb 2023 18:44

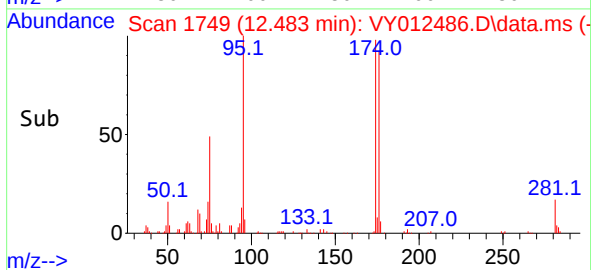
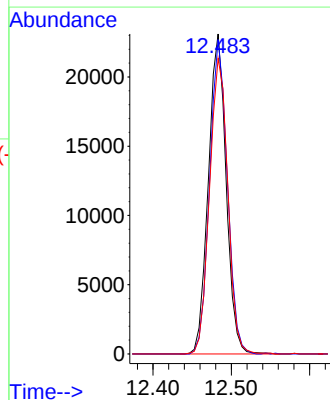
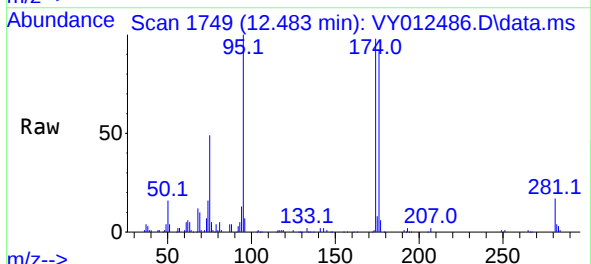
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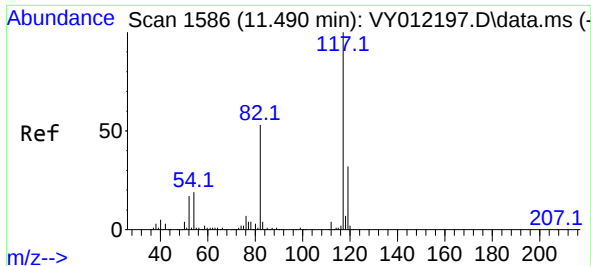
Tgt Ion: 98 Resp: 118031
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.281 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012486.D
Acq: 03 Feb 2023 18:44

Tgt Ion: 95 Resp: 36301
Ion Ratio Lower Upper
95 100
174 97.9 0.0 172.0
176 95.0 0.0 167.6

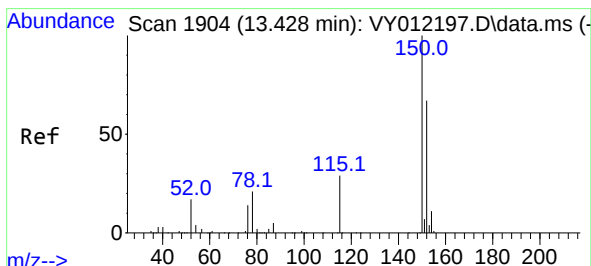
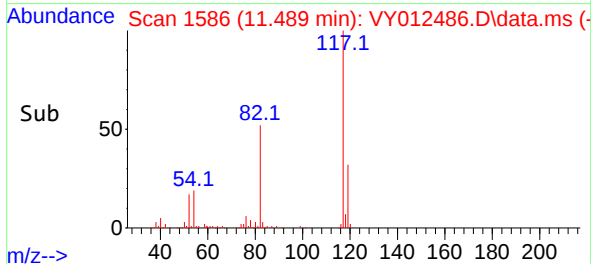
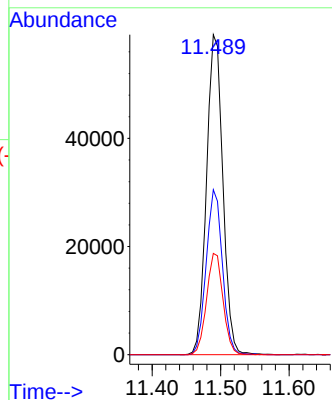
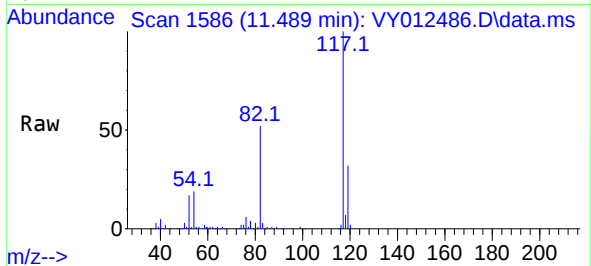




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012486.D
Acq: 03 Feb 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :
72-12013

Tgt Ion:117 Resp: 98176
Ion Ratio Lower Upper
117 100
82 51.5 44.8 67.2
119 31.7 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: VY012486.D
Acq: 03 Feb 2023 18:44

Tgt Ion:152 Resp: 43022
Ion Ratio Lower Upper
152 100
115 54.5 29.1 87.3
150 156.2 0.0 342.6

