

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011445.D
 Acq On : 14 Nov 2022 17:18
 Operator : KP/MD
 Sample : N5528-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-3

Quant Time: Nov 15 01:50:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	290989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	468109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	156621	64.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.460%
35) Dibromofluoromethane	7.716	113	163753	62.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.840%
50) Toluene-d8	10.179	98	511969	51.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.483	95	122353	35.002	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.000%

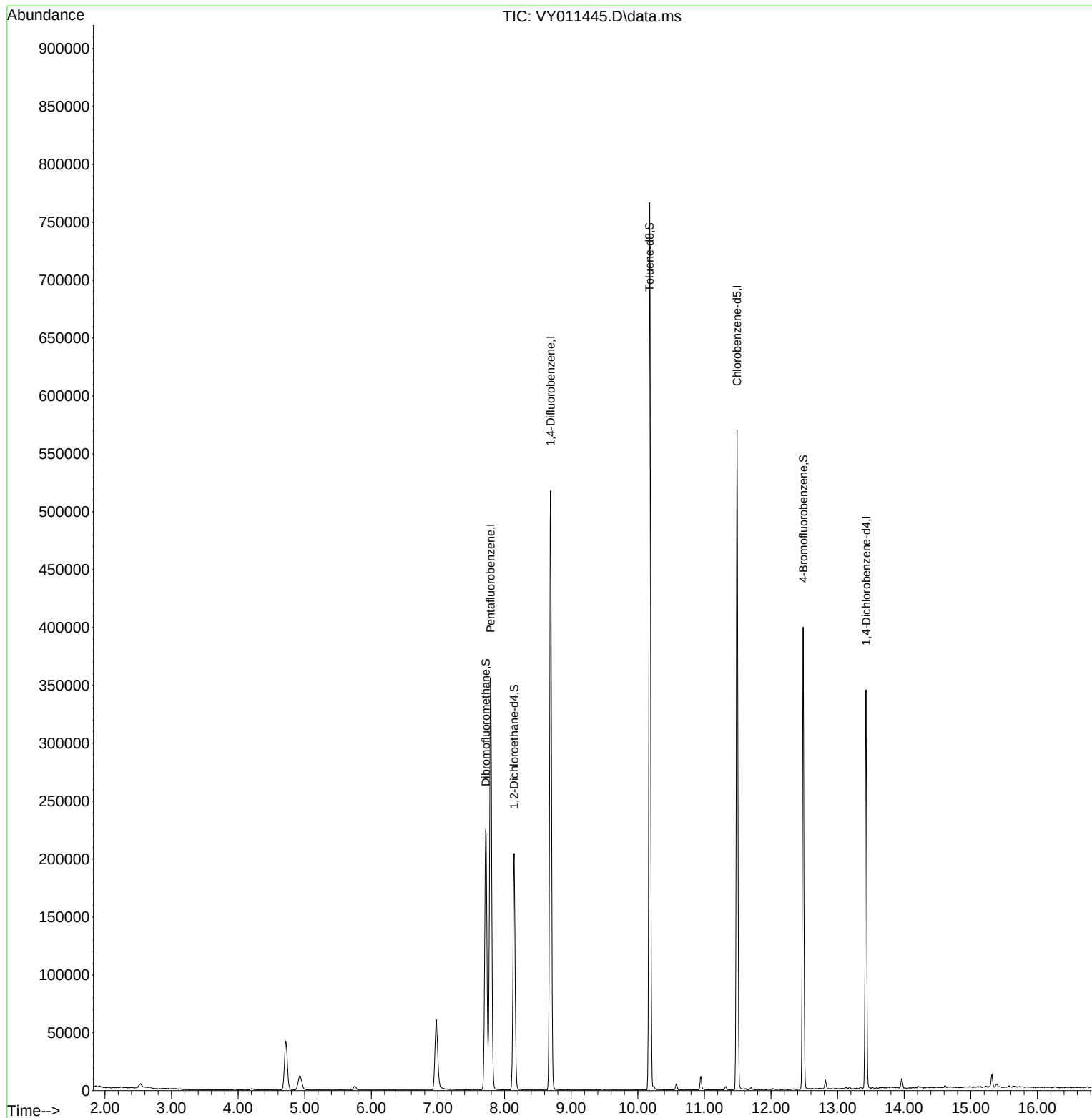
Target Compounds	Qvalue

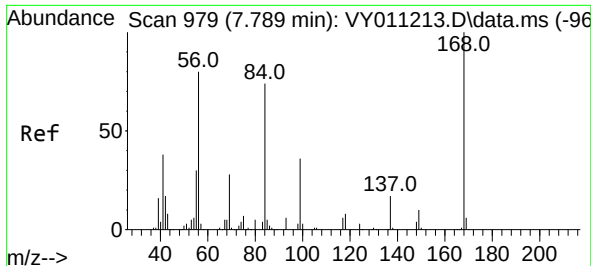
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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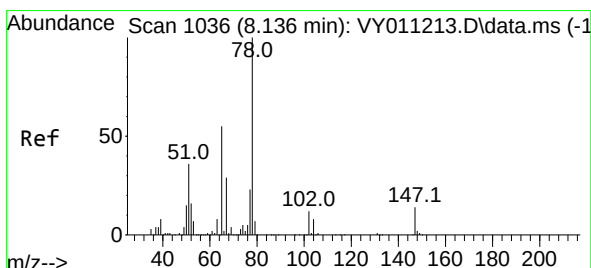
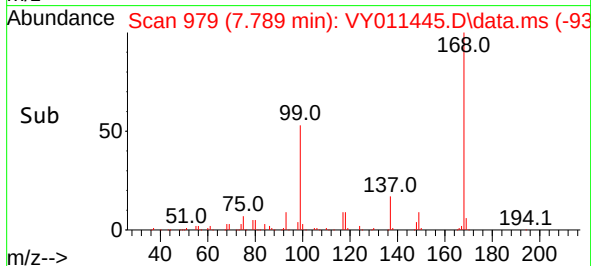
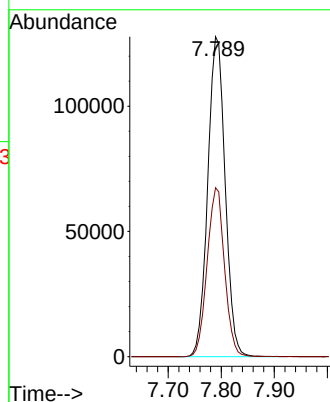
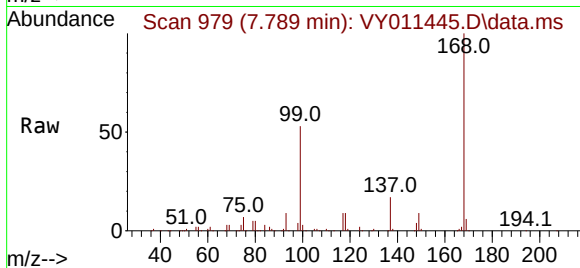




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011445.D
Acq: 14 Nov 2022 17:18

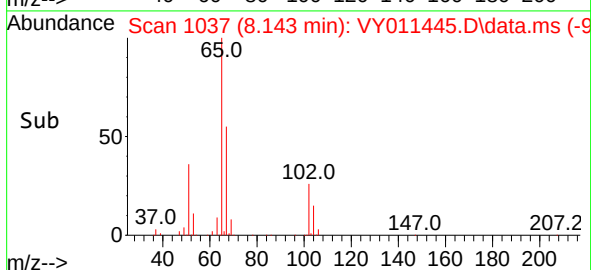
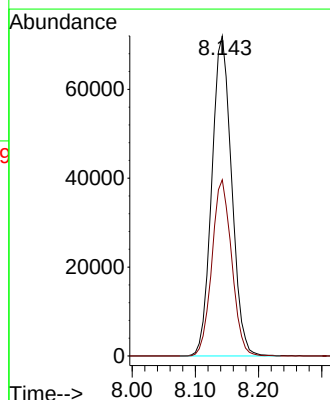
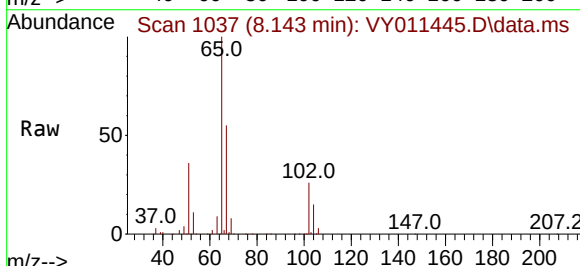
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-3

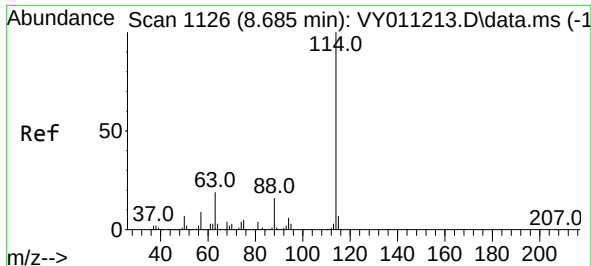
Tgt Ion:168 Resp: 290989
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.231 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011445.D
Acq: 14 Nov 2022 17:18

Tgt Ion: 65 Resp: 156621
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011445.D

Acq: 14 Nov 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-3

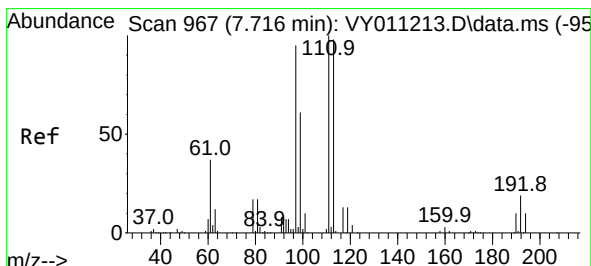
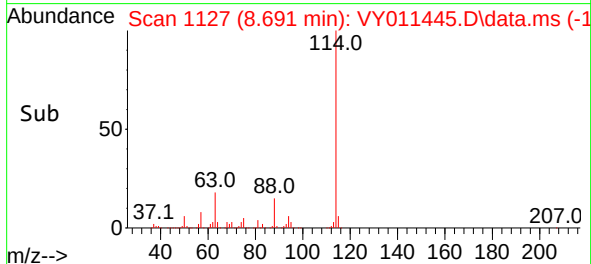
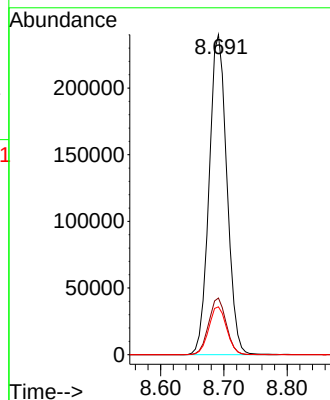
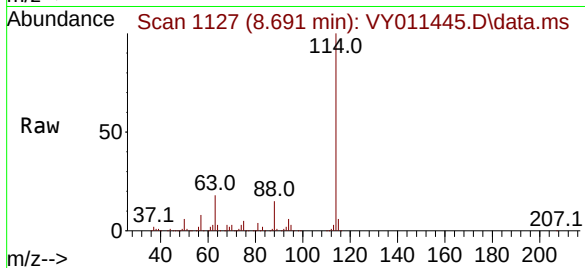
Tgt Ion:114 Resp: 468109

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.420 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011445.D

Acq: 14 Nov 2022 17:18

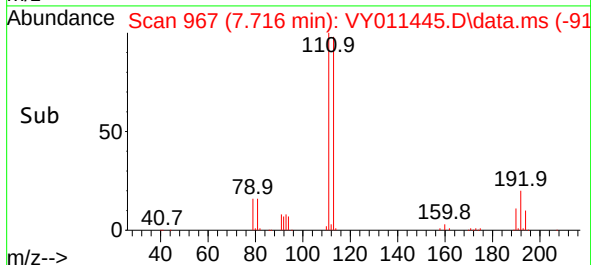
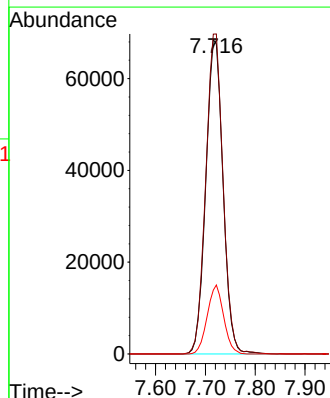
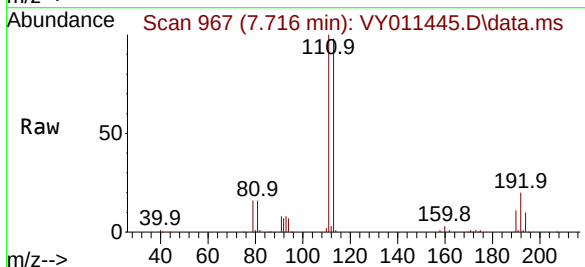
Tgt Ion:113 Resp: 163753

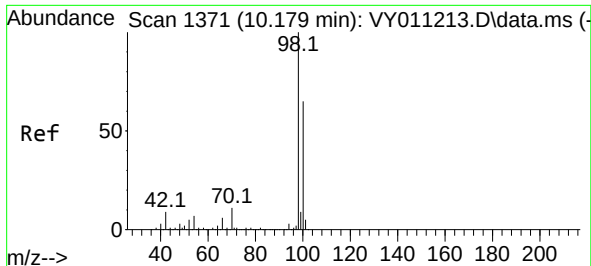
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 21.0 17.6 26.4

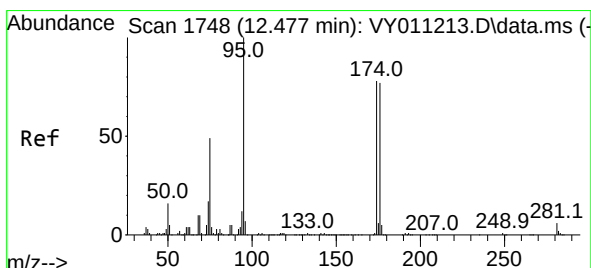
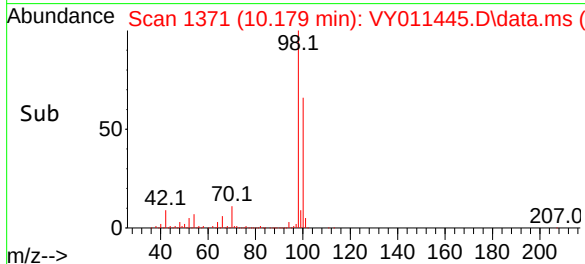
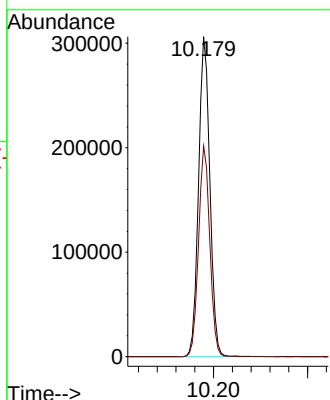
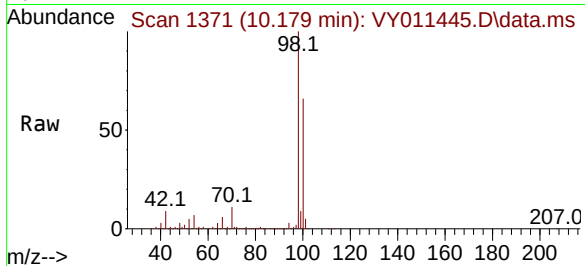




#50
Toluene-d8
Concen: 51.084 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011445.D
Acq: 14 Nov 2022 17:18

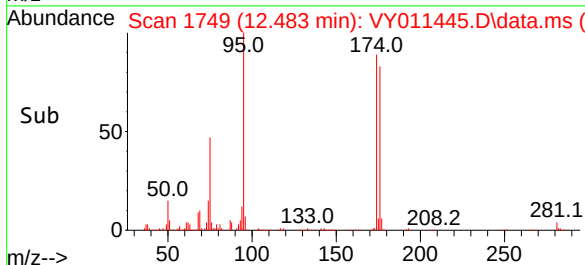
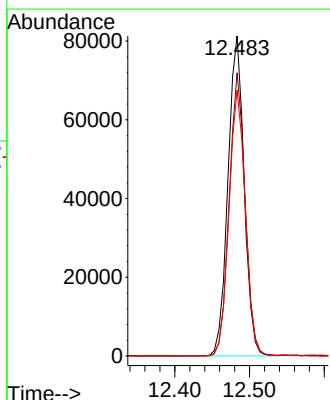
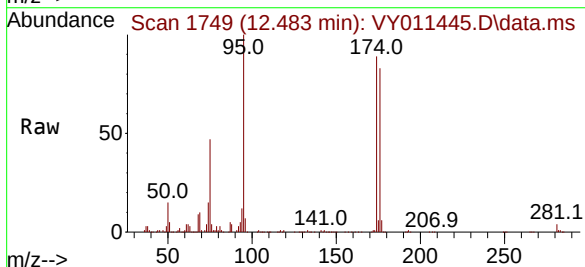
Instrument :
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SAMPLE-3

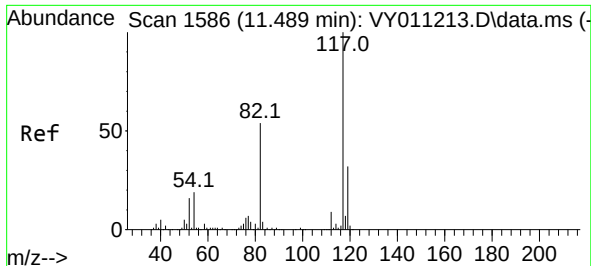
Tgt Ion: 98 Resp: 511969
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011445.D
Acq: 14 Nov 2022 17:18

Tgt Ion: 95 Resp: 122353
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 83.5 0.0 175.8

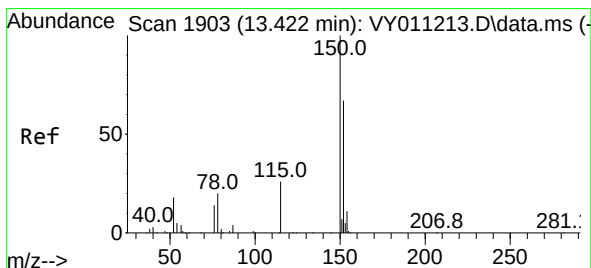
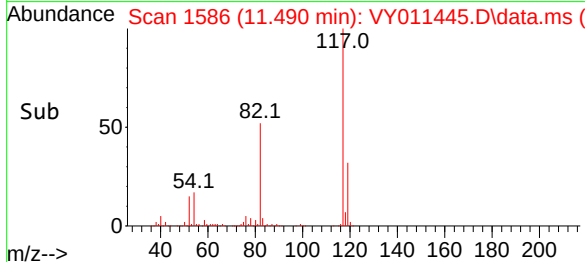
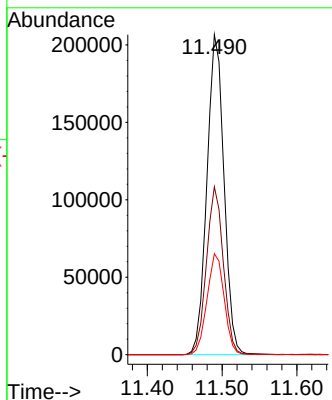
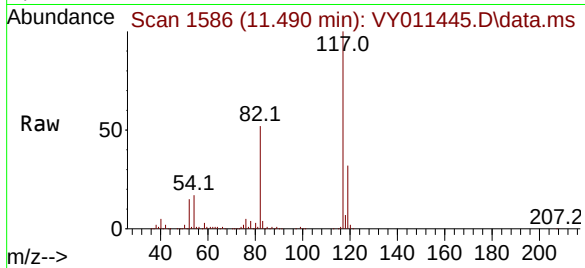




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011445.D
Acq: 14 Nov 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-3

Tgt Ion:117 Resp: 328225
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011445.D
Acq: 14 Nov 2022 17:18

Tgt Ion:152 Resp: 96017
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 158.7 0.0 347.6

