

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014016.D
 Acq On : 05 Jun 2023 18:40
 Operator : KP/MD
 Sample : 03028-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-060223

Quant Time: Jun 06 03:59:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	99332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74368	56.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.120%
35) Dibromofluoromethane	7.722	113	62775	57.217	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.440%
50) Toluene-d8	10.179	98	216841	51.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.483	95	73046	51.198	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.400%

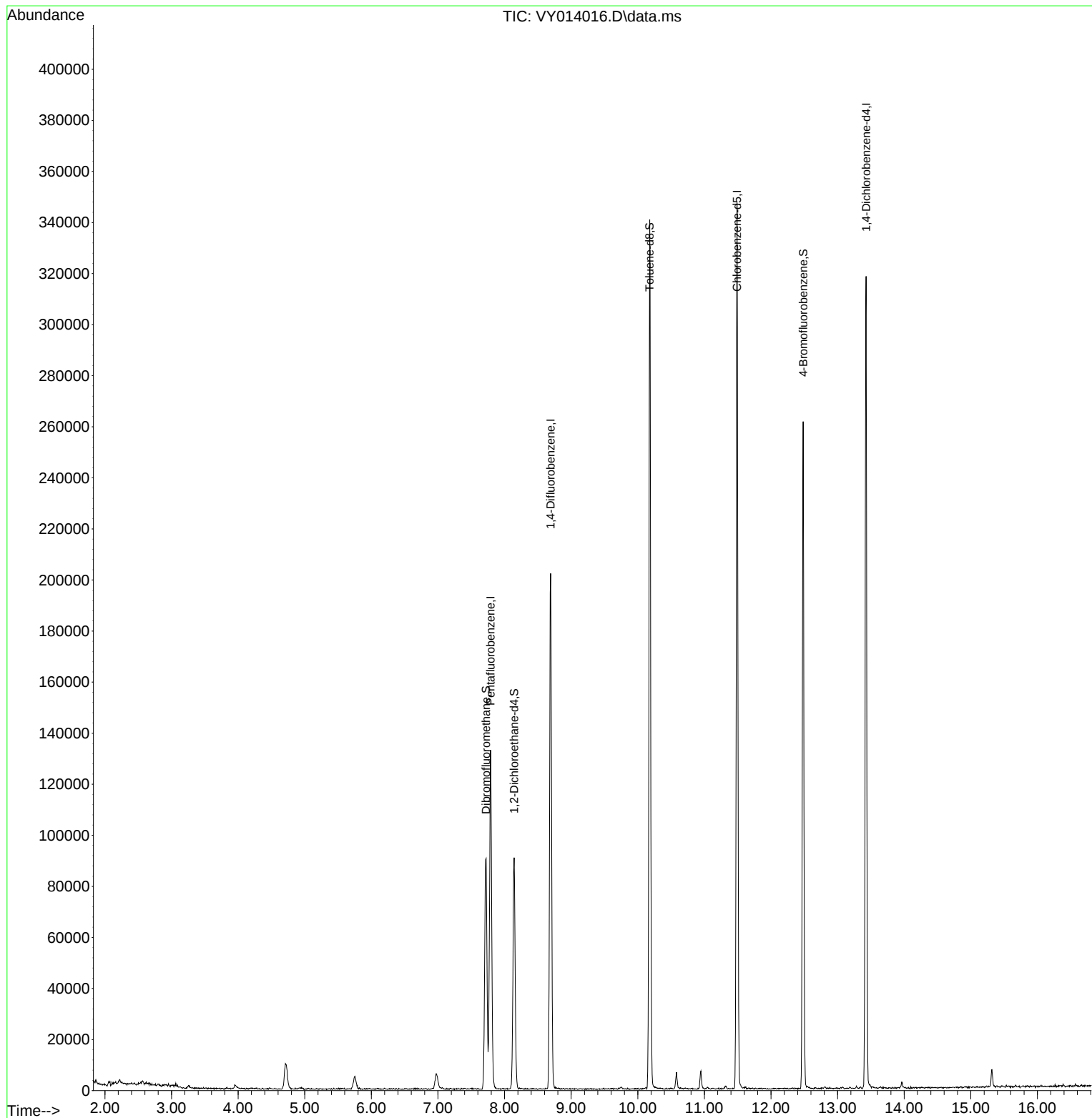
Target Compounds	Qvalue

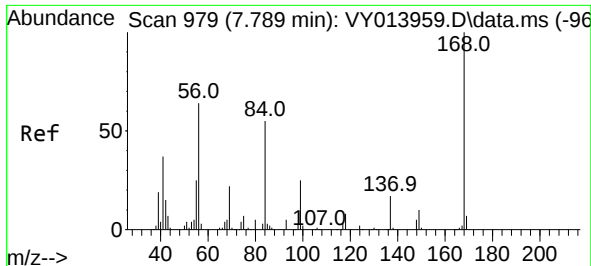
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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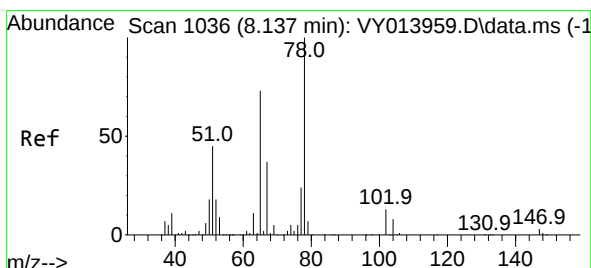
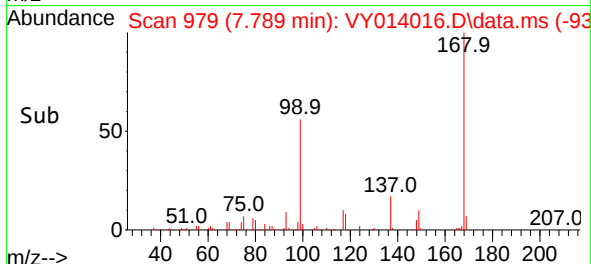
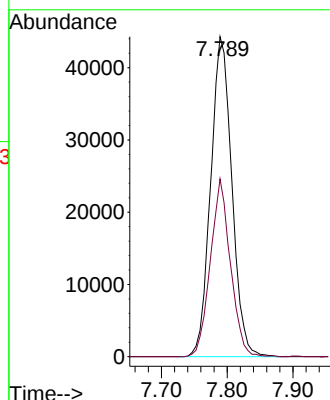
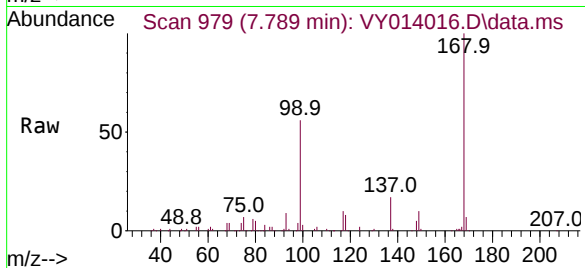




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014016.D
Acq: 05 Jun 2023 18:40

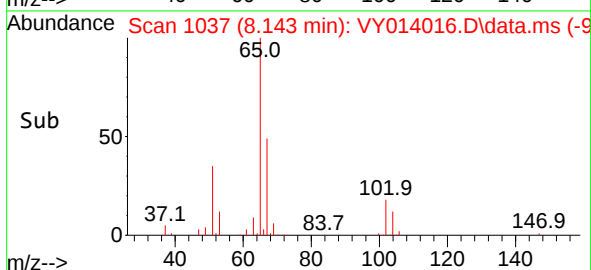
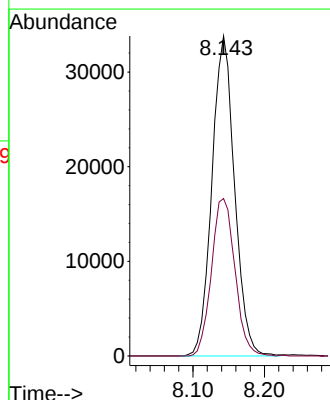
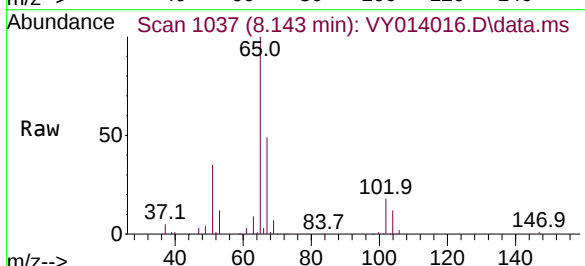
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-060223

Tgt Ion:168 Resp: 99332
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.557 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014016.D
Acq: 05 Jun 2023 18:40

Tgt Ion: 65 Resp: 74368
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014016.D

Acq: 05 Jun 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-060223

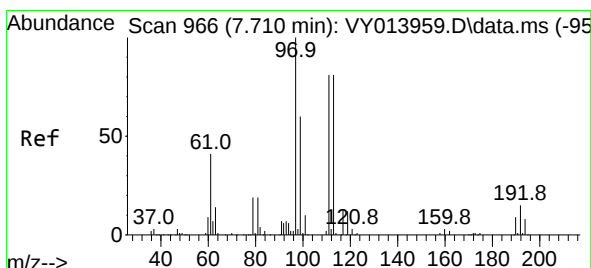
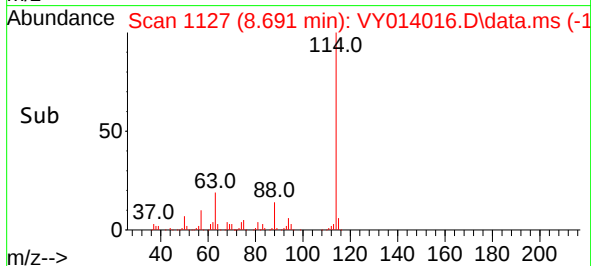
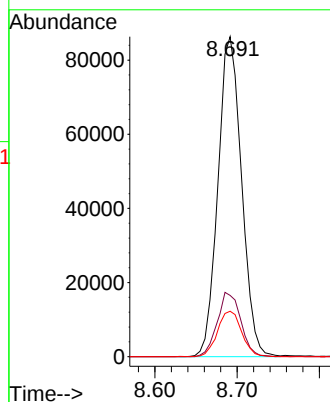
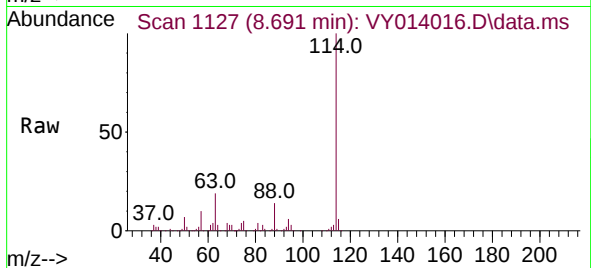
Tgt Ion:114 Resp: 172639

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.217 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014016.D

Acq: 05 Jun 2023 18:40

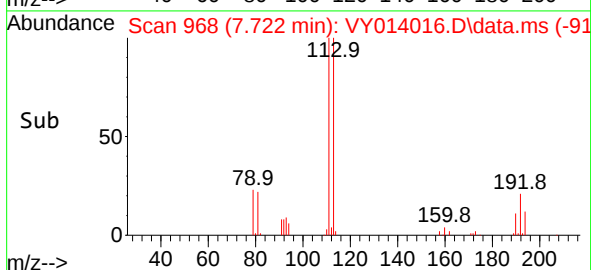
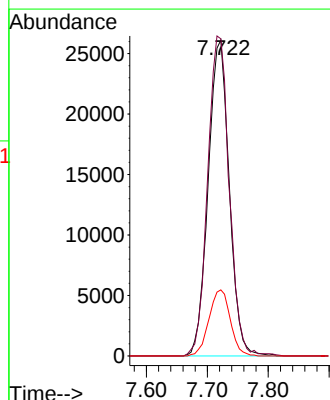
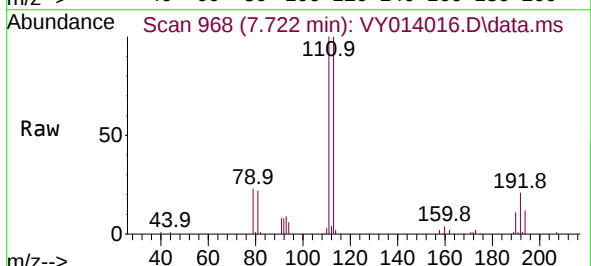
Tgt Ion:113 Resp: 62775

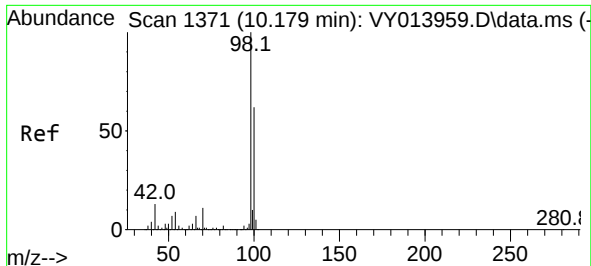
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 21.1 16.9 25.3

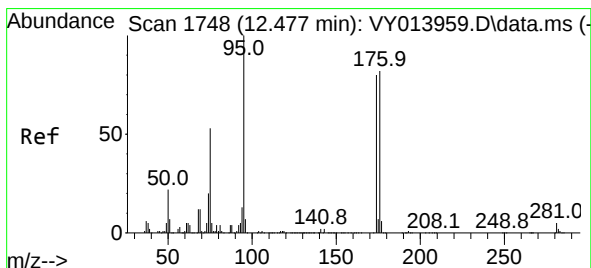
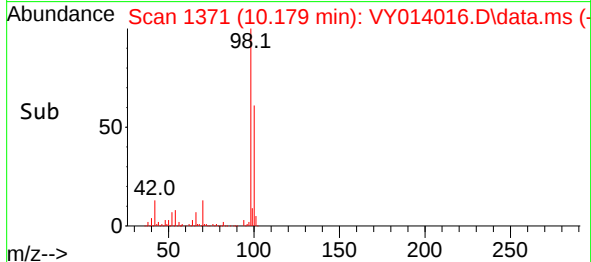
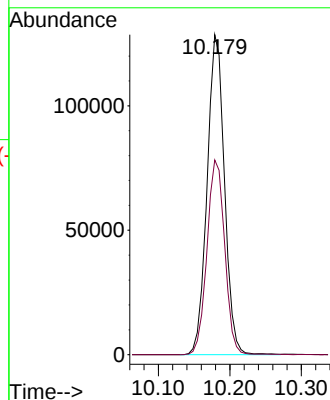
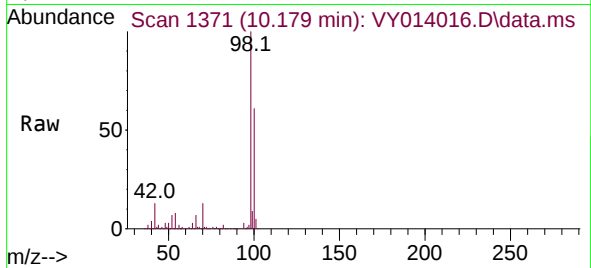




#50
Toluene-d8
Concen: 51.814 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014016.D
Acq: 05 Jun 2023 18:40

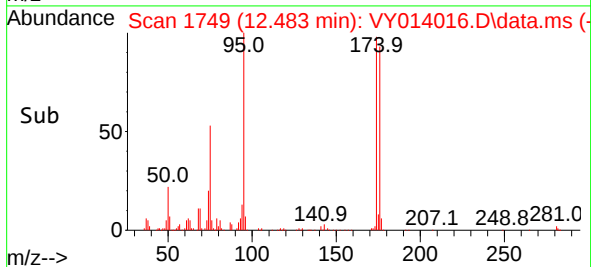
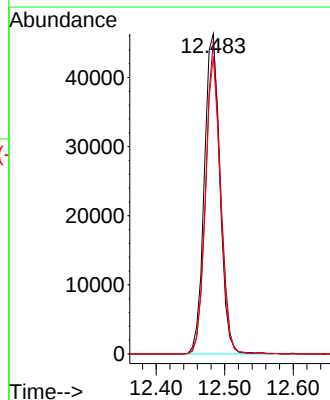
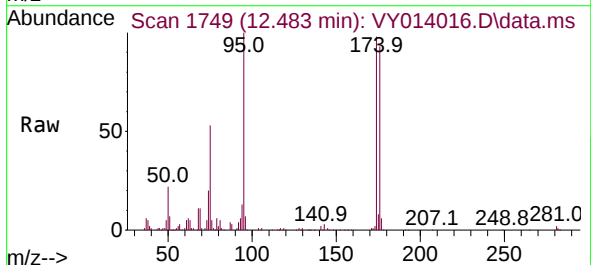
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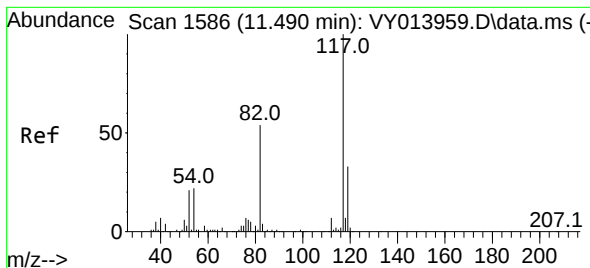
Tgt Ion: 98 Resp: 216841
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.198 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014016.D
Acq: 05 Jun 2023 18:40

Tgt Ion: 95 Resp: 73046
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 89.3 0.0 173.8

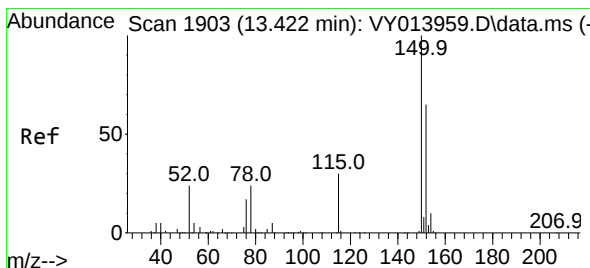
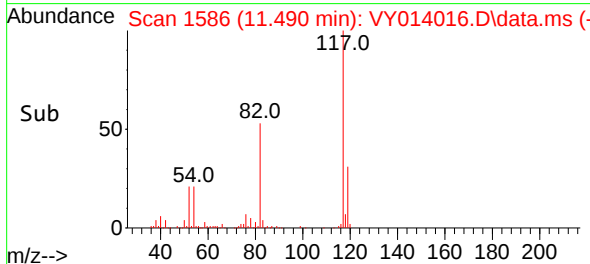
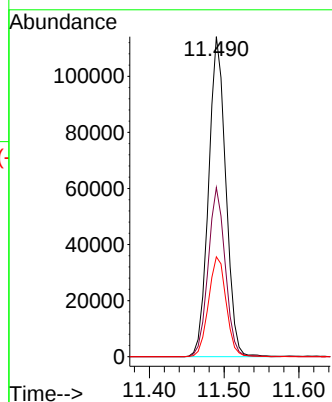
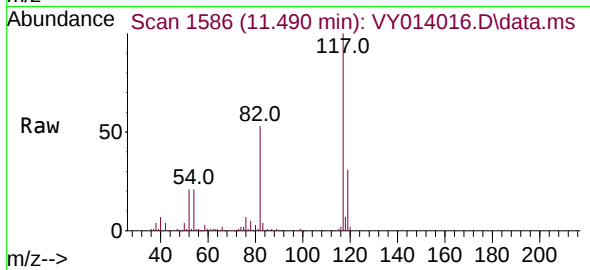




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014016.D
Acq: 05 Jun 2023 18:40

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-060223

Tgt Ion:117 Resp: 182335
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014016.D
Acq: 05 Jun 2023 18:40

Tgt Ion:152 Resp: 84791
Ion Ratio Lower Upper
152 100
115 55.4 28.8 86.5
150 153.8 0.0 348.8

