

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013338.D
 Acq On : 19 Apr 2023 11:45
 Operator : KP/MD
 Sample : VY0419SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBL01

Quant Time: Apr 20 06:54:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	230201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	346165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150426	54.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.740%
35) Dibromofluoromethane	7.722	113	140923	58.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.060%
50) Toluene-d8	10.179	98	464406	51.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.483	95	148310	50.495	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.000%

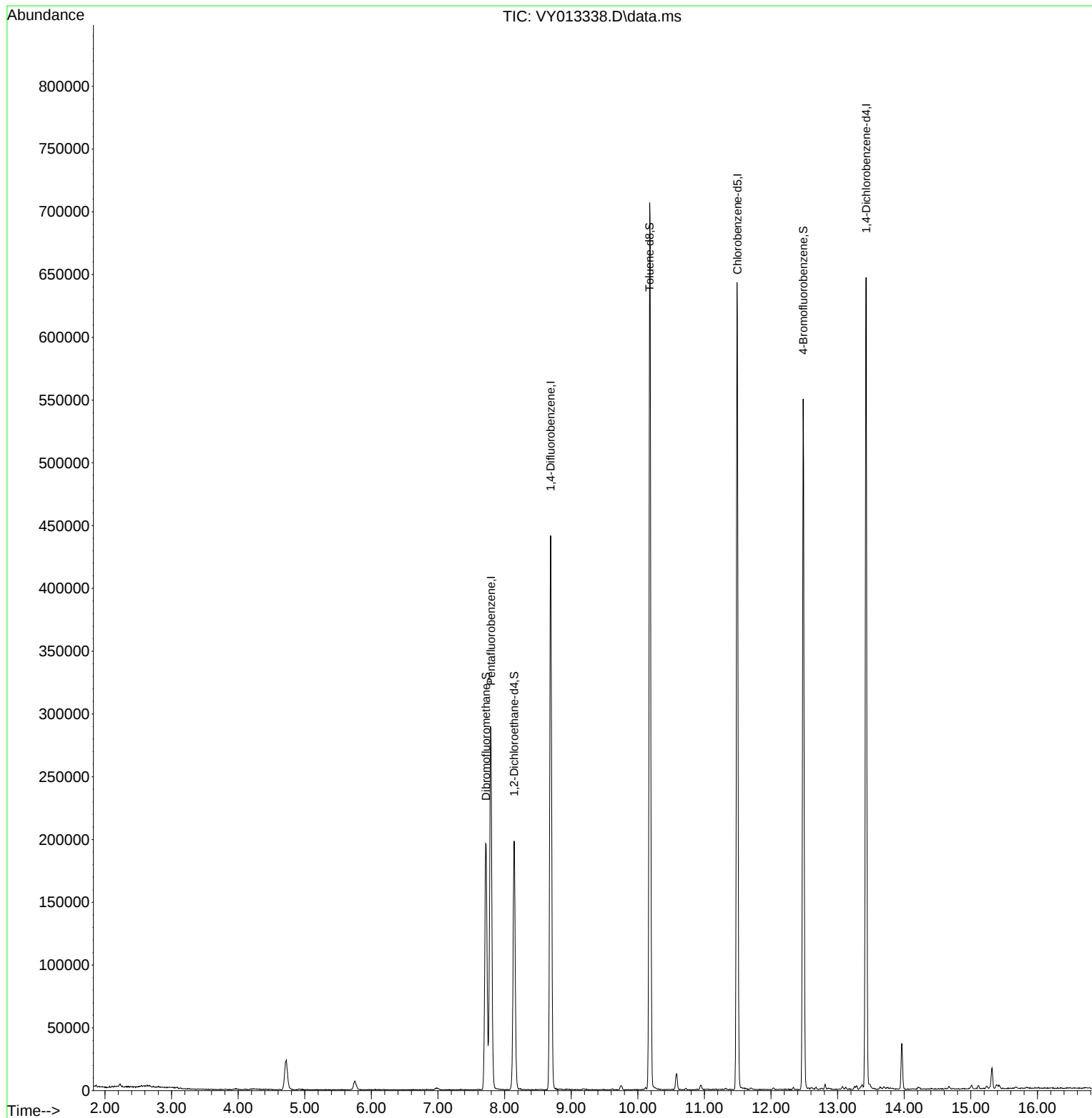
Target Compounds	Qvalue

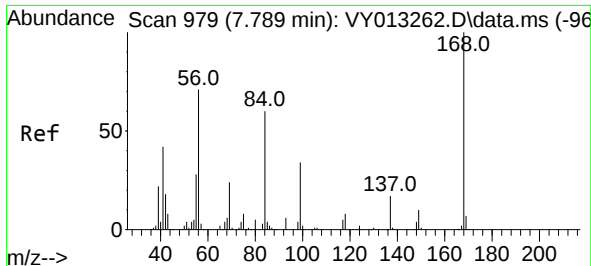
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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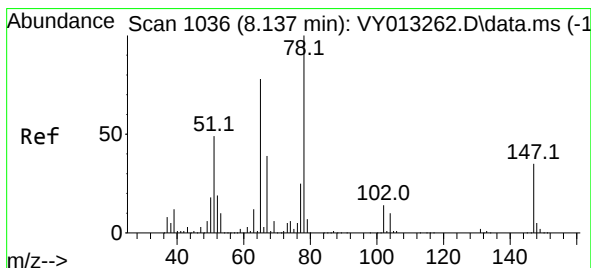
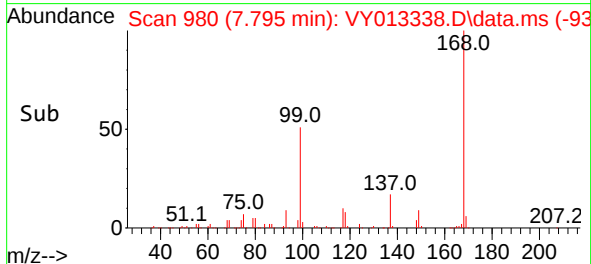
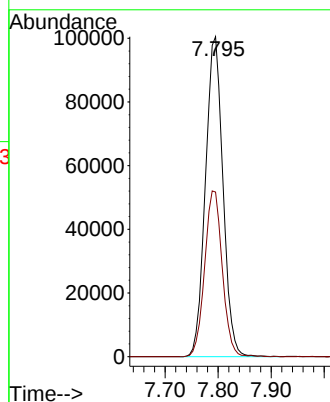
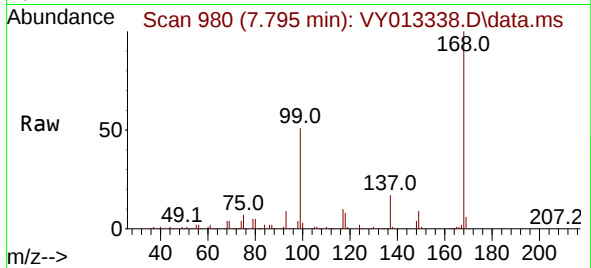




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

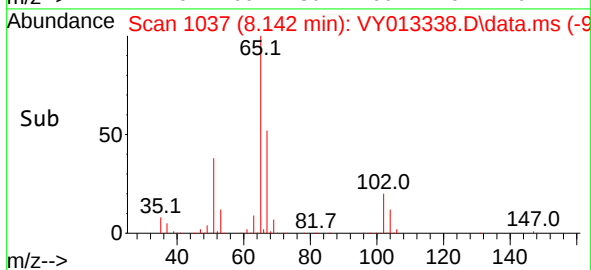
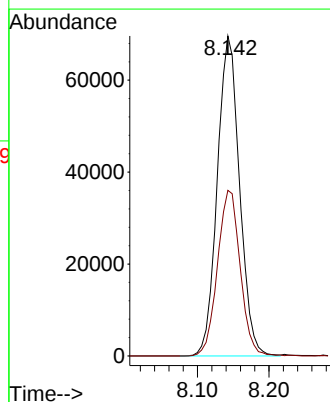
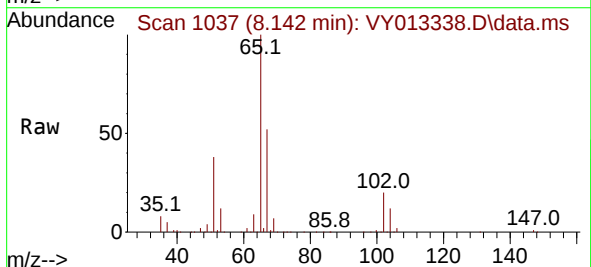
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

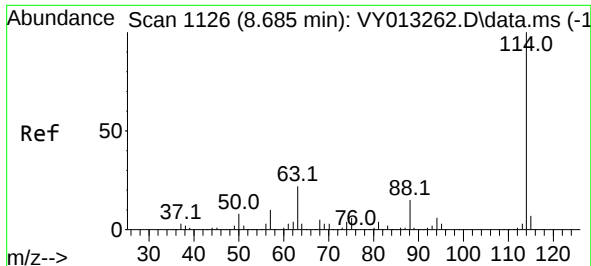
Tgt Ion:168 Resp: 230201
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 54.374 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Tgt Ion: 65 Resp: 150426
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013338.D

Acq: 19 Apr 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBL01

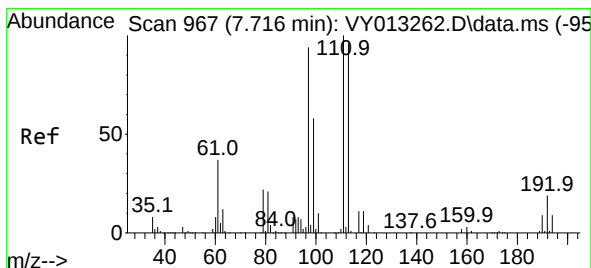
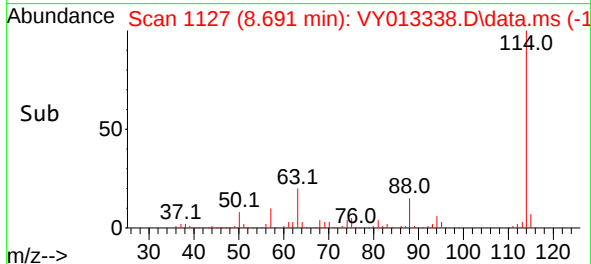
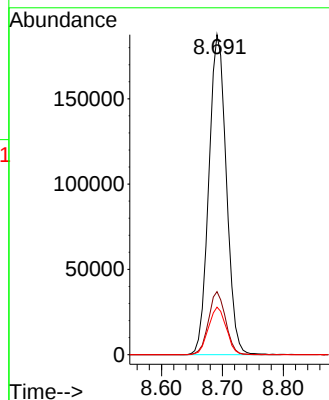
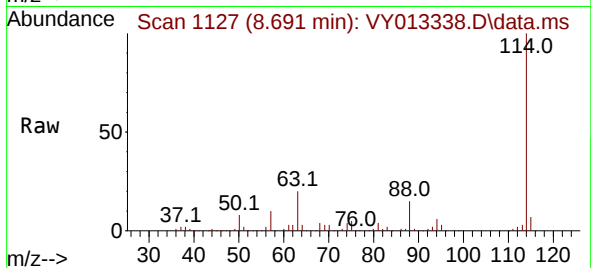
Tgt Ion:114 Resp: 375135

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.027 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013338.D

Acq: 19 Apr 2023 11:45

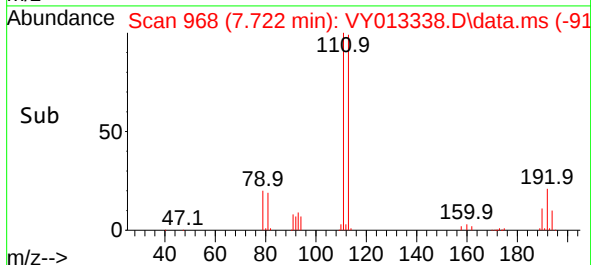
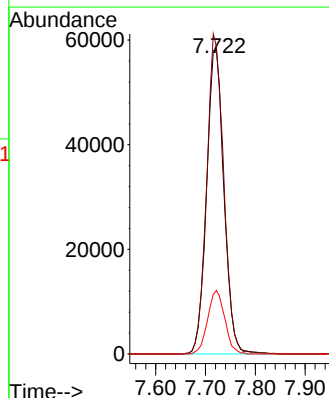
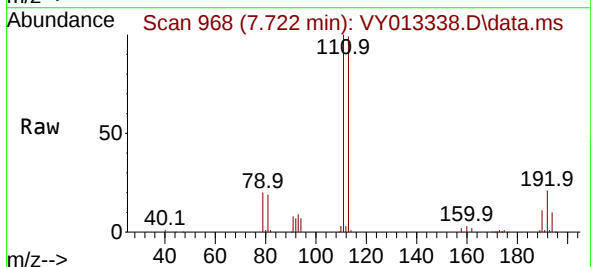
Tgt Ion:113 Resp: 140923

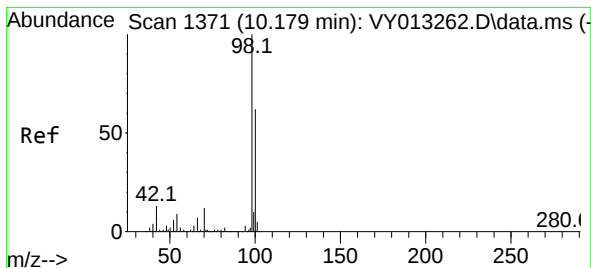
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 20.5 16.8 25.2

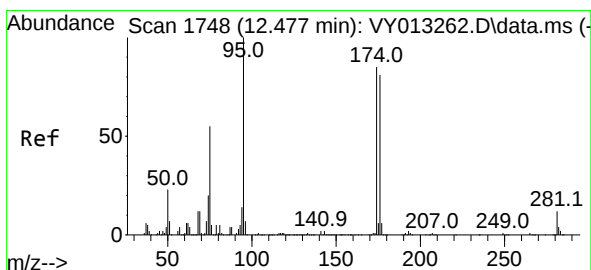
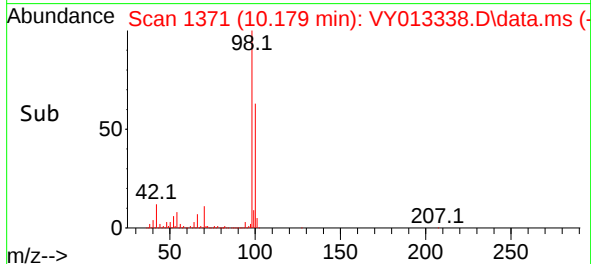
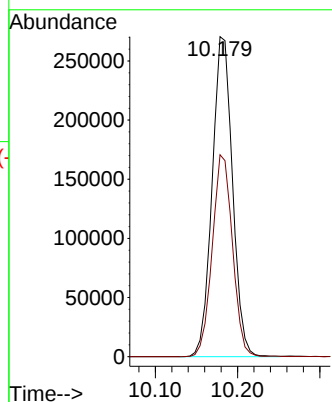
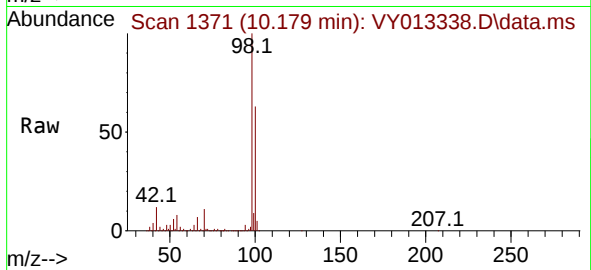




#50
Toluene-d8
Concen: 51.374 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

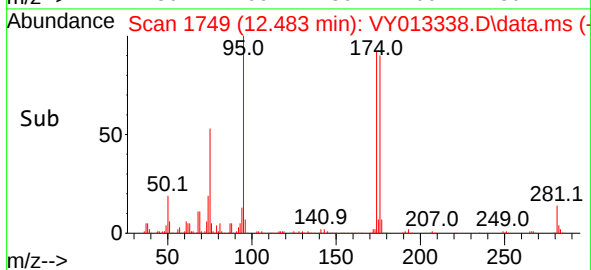
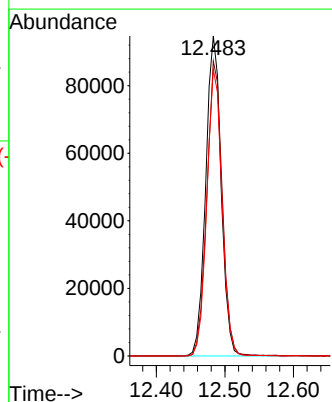
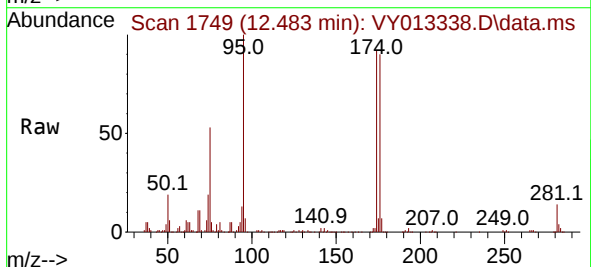
Instrument :
MSVOA_Y
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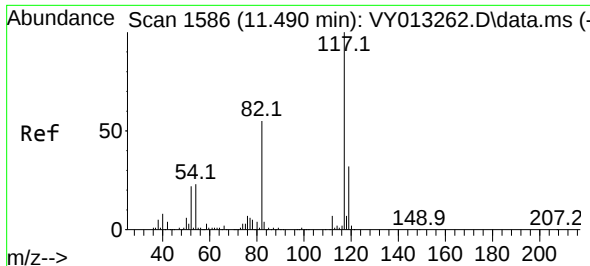
Tgt Ion: 98 Resp: 464406
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.495 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Tgt Ion: 95 Resp: 148310
Ion Ratio Lower Upper
95 100
174 92.2 0.0 176.6
176 88.2 0.0 170.2

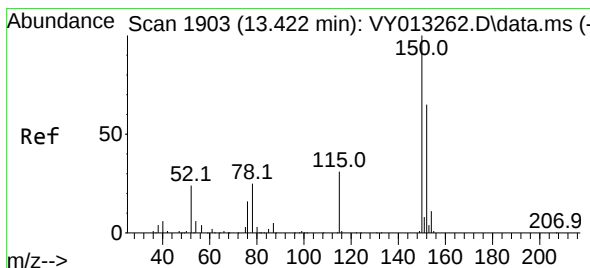
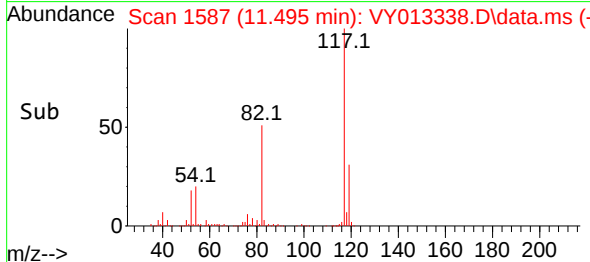
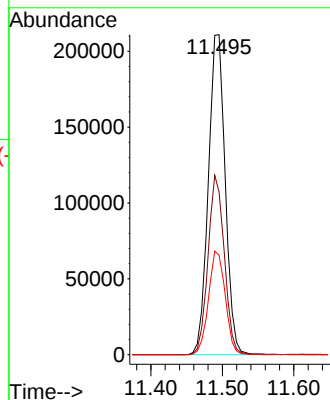
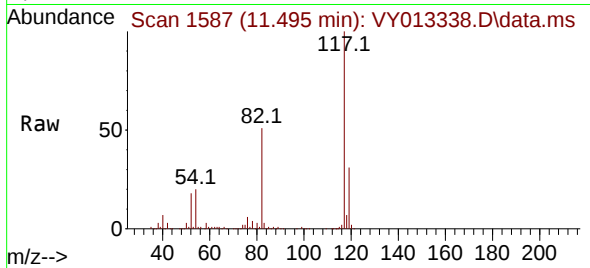




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

Tgt Ion:117 Resp: 346165
Ion Ratio Lower Upper
117 100
82 50.9 45.4 68.0
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Tgt Ion:152 Resp: 166627
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 158.7 0.0 347.8

