

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016677.D
 Acq On : 16 Dec 2023 18:23
 Operator : SY/MD
 Sample : 05758-28
 Misc : 4.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-COMP-4

Quant Time: Dec 18 00:43:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	193803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	360177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	350199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140734	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	99001	62.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.820%
35) Dibromofluoromethane	7.728	113	115120	59.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.180%
50) Toluene-d8	10.185	98	425525	55.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.240%
62) 4-Bromofluorobenzene	12.489	95	132286	53.430	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.860%

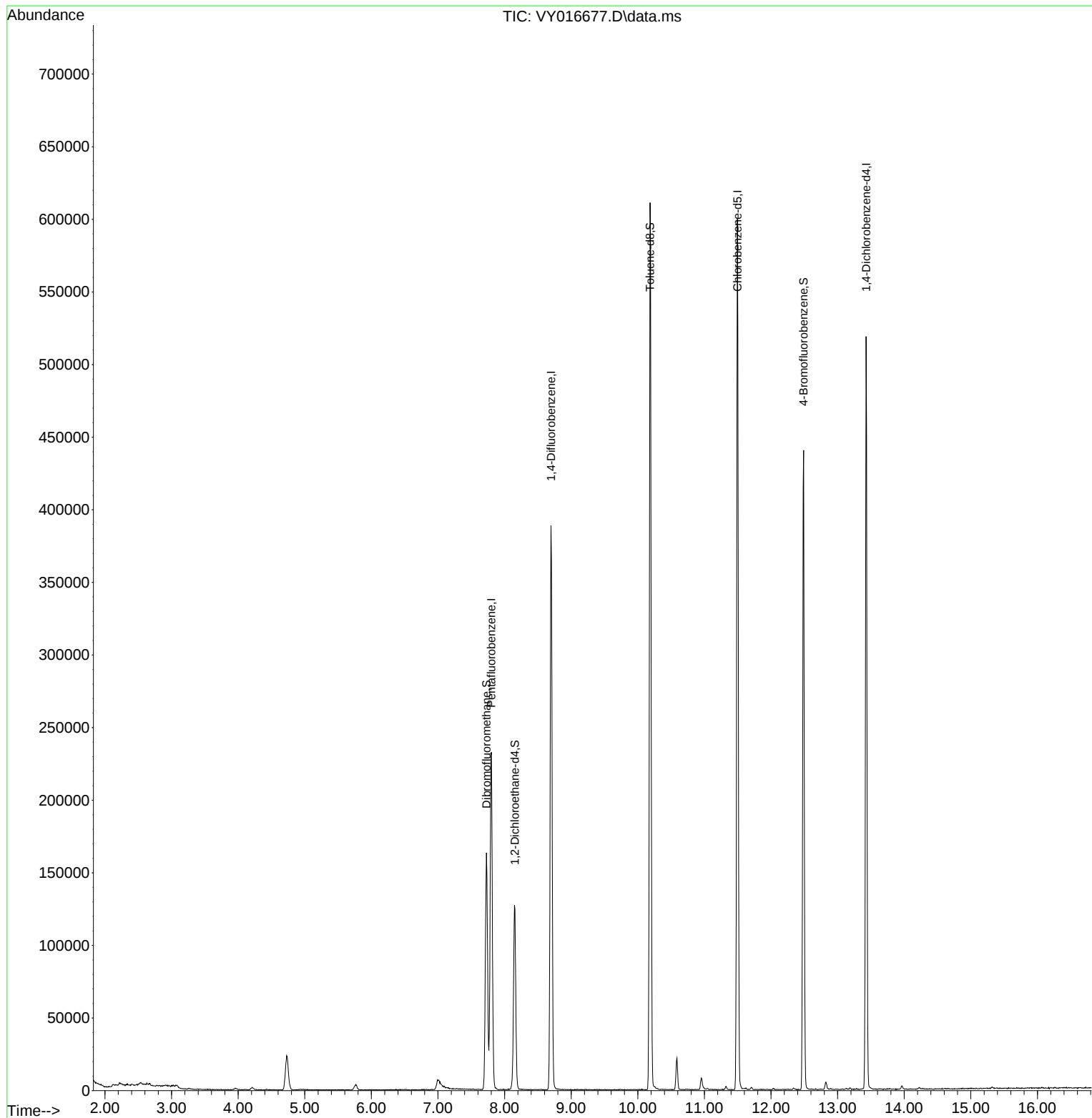
Target Compounds	Qvalue

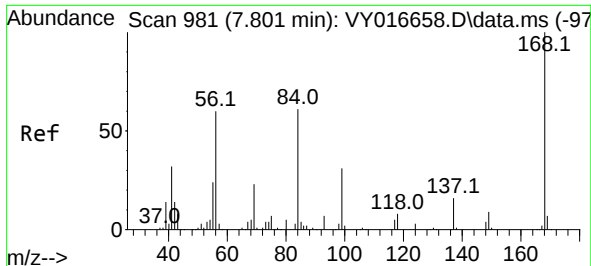
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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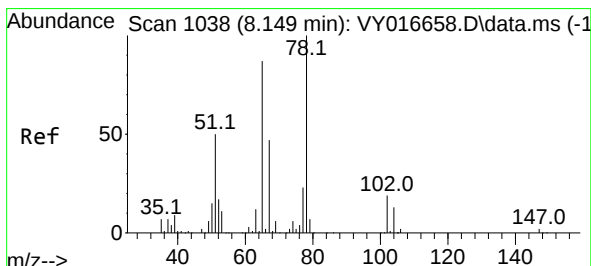
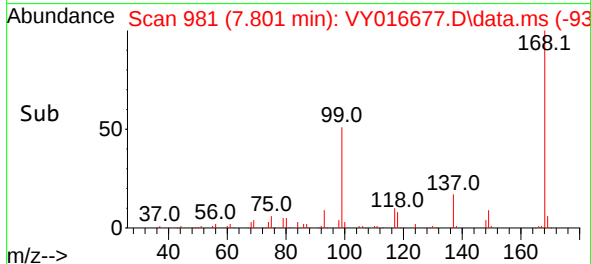
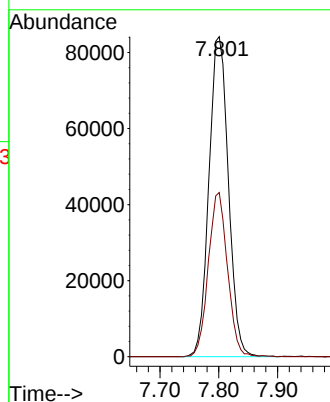
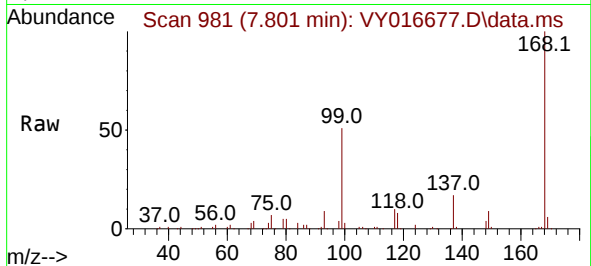




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016677.D
Acq: 16 Dec 2023 18:23

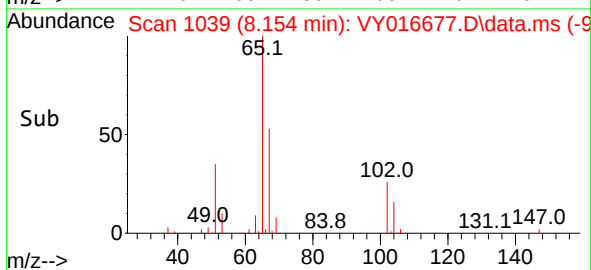
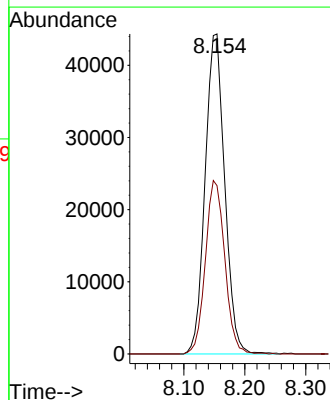
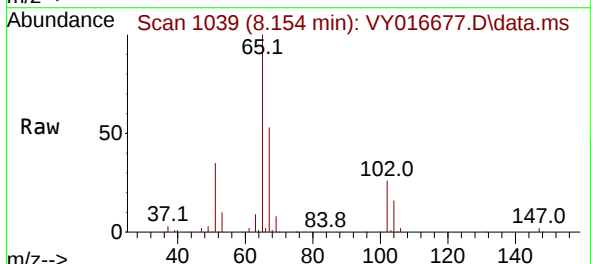
Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP-4

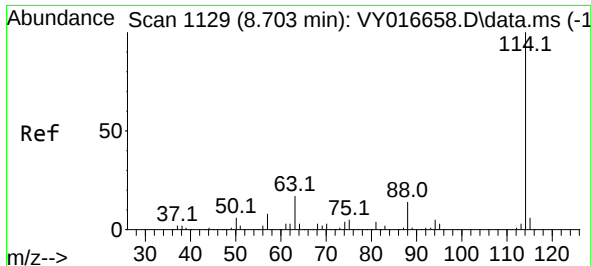
Tgt Ion:168 Resp: 193803
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.415 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.005 min
Lab File: VY016677.D
Acq: 16 Dec 2023 18:23

Tgt Ion: 65 Resp: 99001
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016677.D

Acq: 16 Dec 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

SP-COMP-4

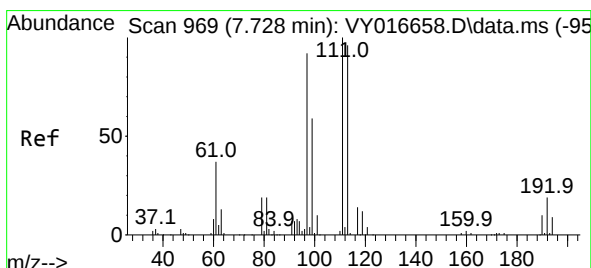
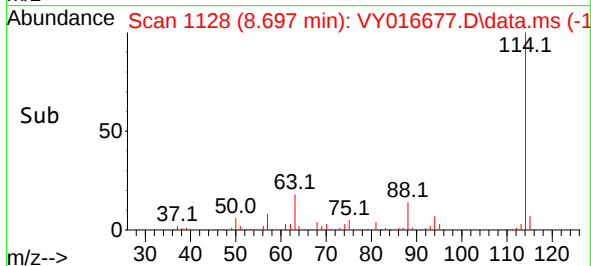
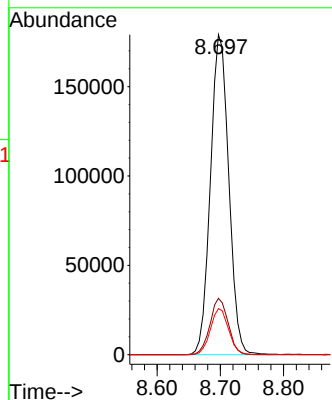
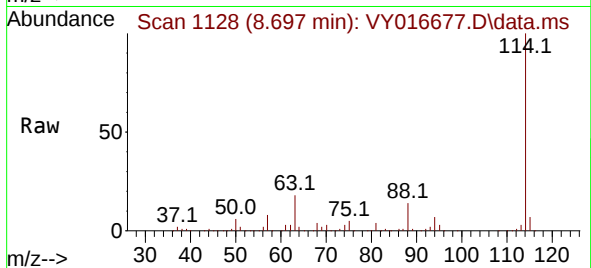
Tgt Ion:114 Resp: 360177

Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.587 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016677.D

Acq: 16 Dec 2023 18:23

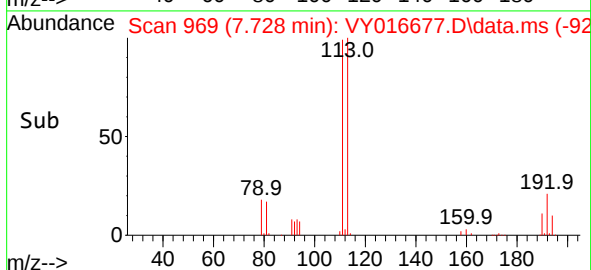
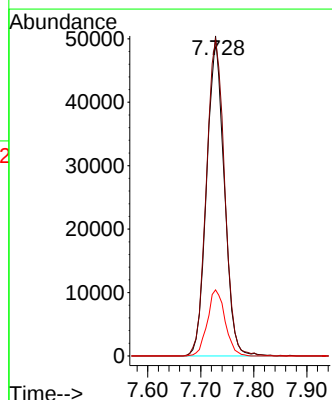
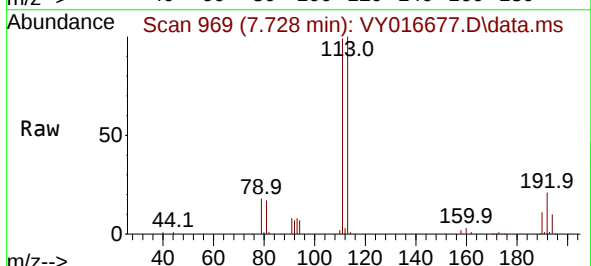
Tgt Ion:113 Resp: 115120

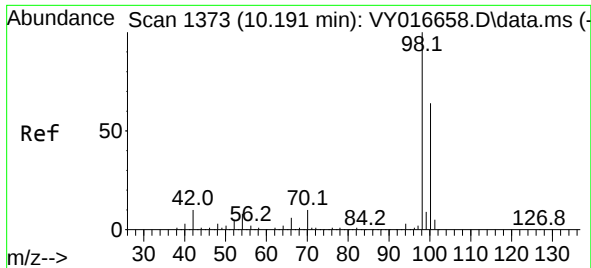
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 21.1 16.9 25.3

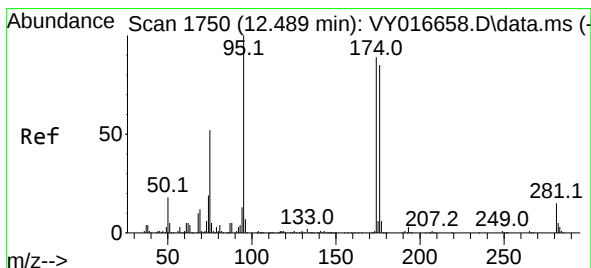
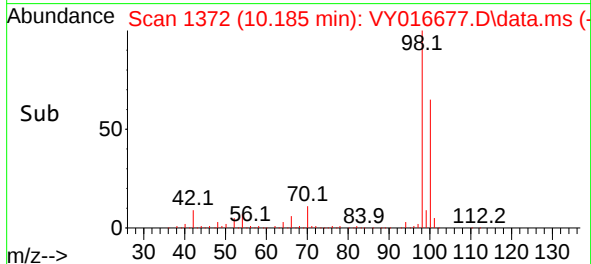
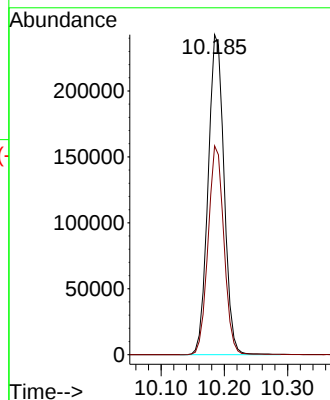
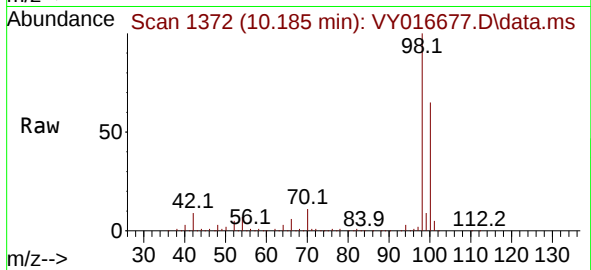




#50
Toluene-d8
Concen: 55.621 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016677.D
Acq: 16 Dec 2023 18:23

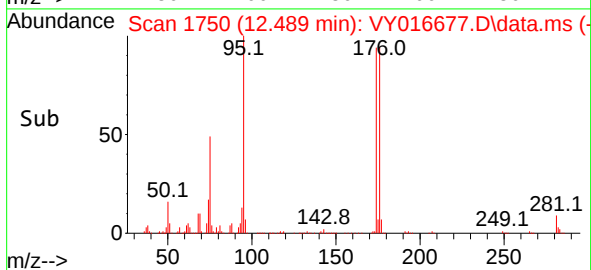
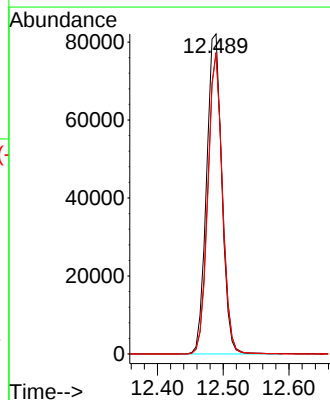
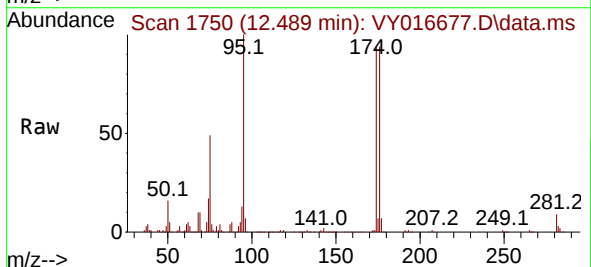
Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP-4

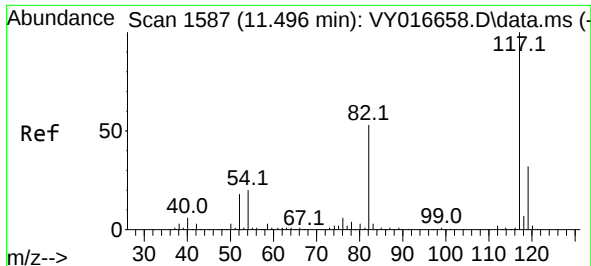
Tgt Ion: 98 Resp: 425525
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.430 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016677.D
Acq: 16 Dec 2023 18:23

Tgt Ion: 95 Resp: 132286
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 88.9 0.0 173.8

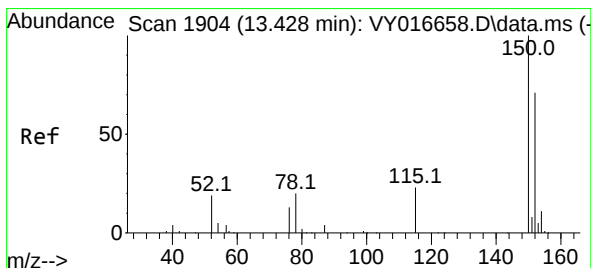
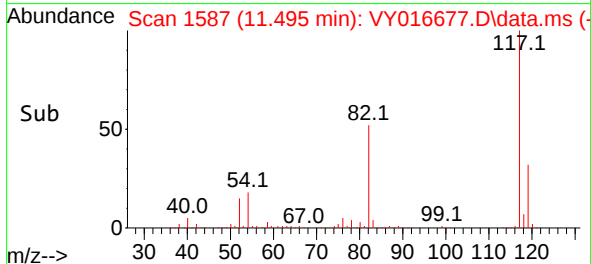
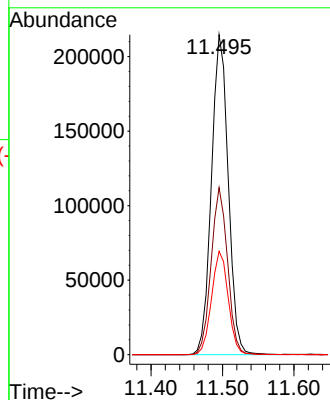
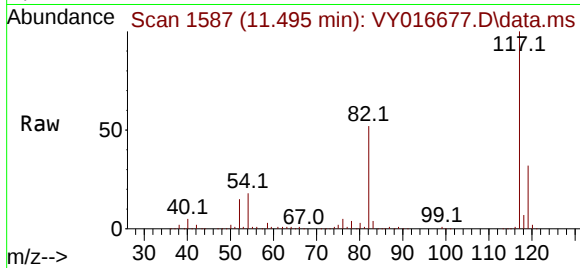




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016677.D
Acq: 16 Dec 2023 18:23

Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP-4

Tgt Ion:117 Resp: 350199
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016677.D
Acq: 16 Dec 2023 18:23

Tgt Ion:152 Resp: 140734
Ion Ratio Lower Upper
152 100
115 55.8 28.8 86.5
150 156.4 0.0 348.8

