

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012029.D
 Acq On : 29 Dec 2022 15:39
 Operator : KP/MD
 Sample : N6228-07
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Dec 30 03:59:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	176959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	312193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	106542	59.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.520%
35) Dibromofluoromethane	7.715	113	95951	51.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.100%
50) Toluene-d8	10.178	98	377457	49.499	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.483	95	120753	47.084	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.160%

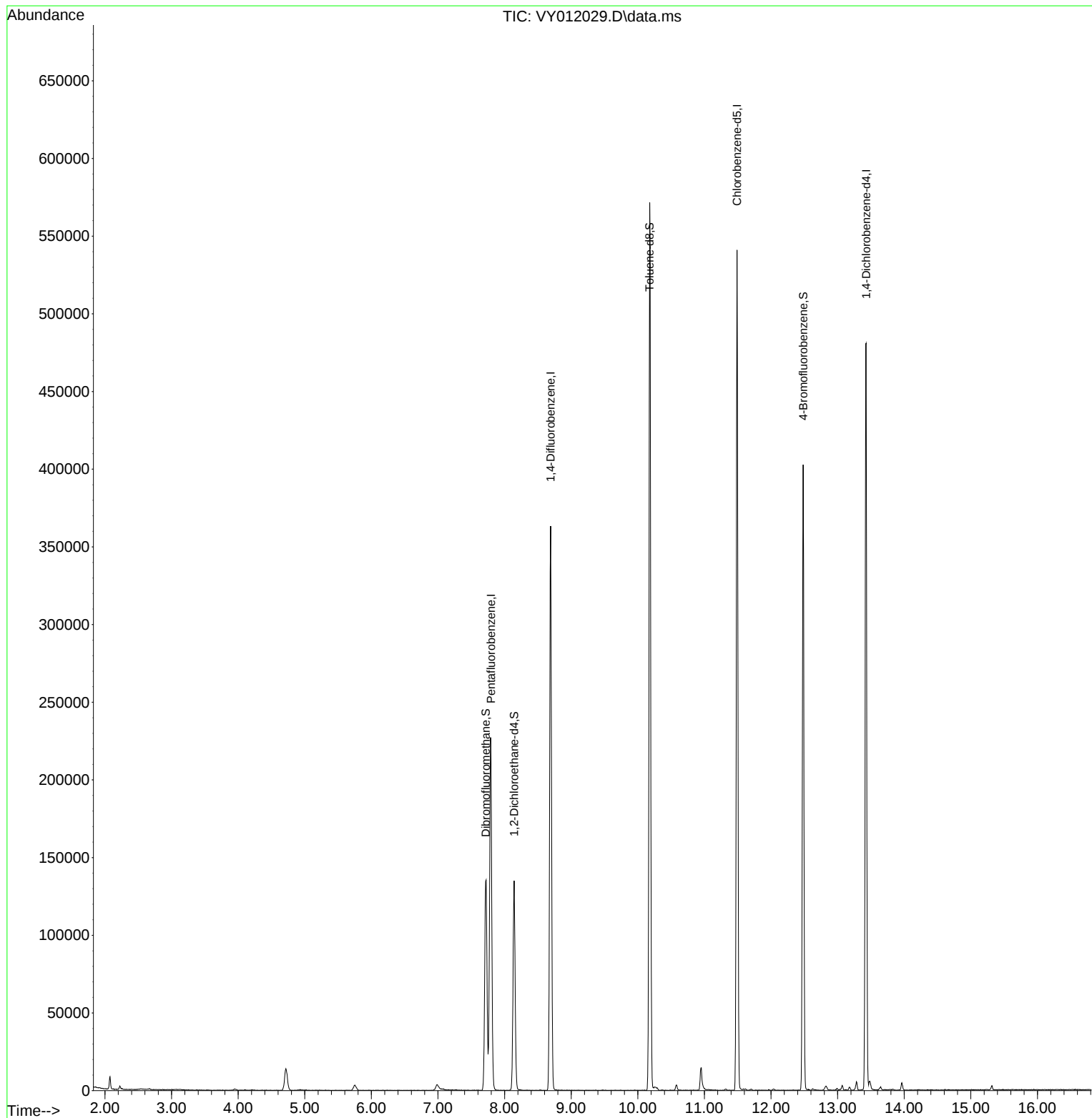
Target Compounds	Qvalue

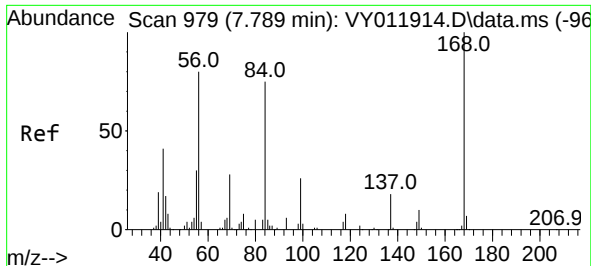
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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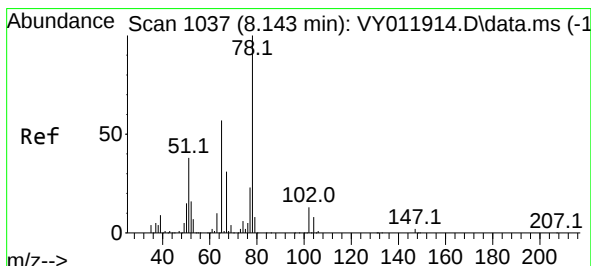
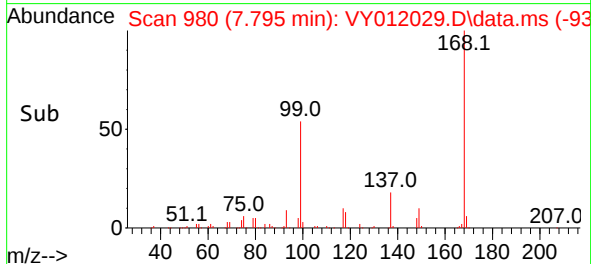
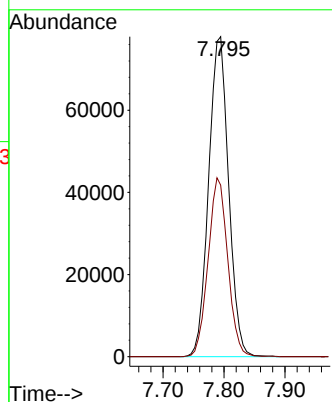
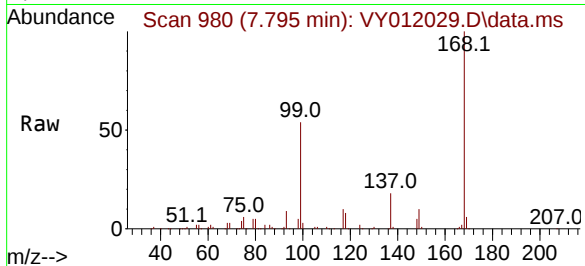




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012029.D
Acq: 29 Dec 2022 15:39

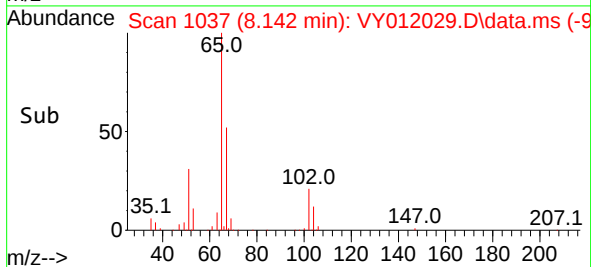
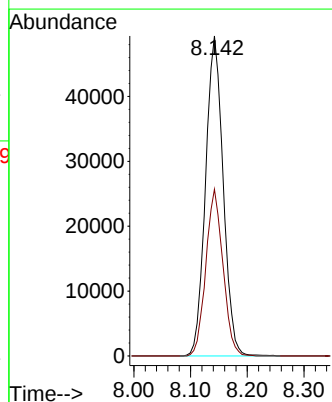
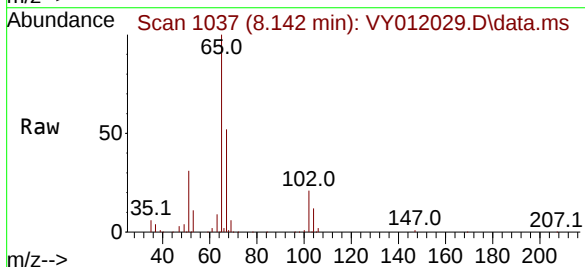
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

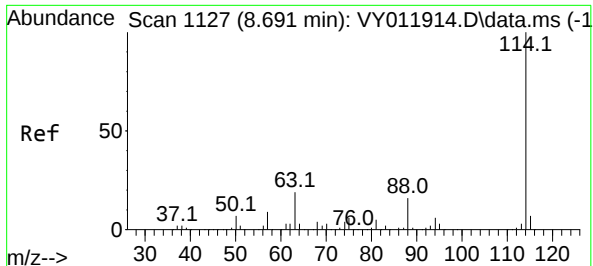
Tgt Ion:168 Resp: 176959
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.760 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012029.D
Acq: 29 Dec 2022 15:39

Tgt Ion: 65 Resp: 106542
Ion Ratio Lower Upper
65 100
67 50.5 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: VY012029.D

Acq: 29 Dec 2022 15:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

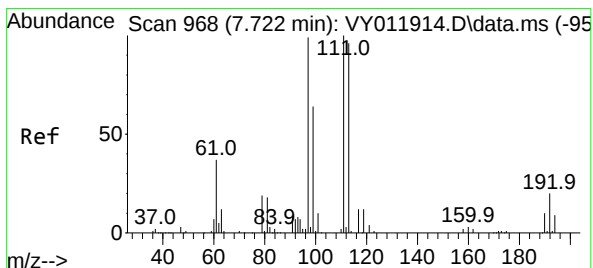
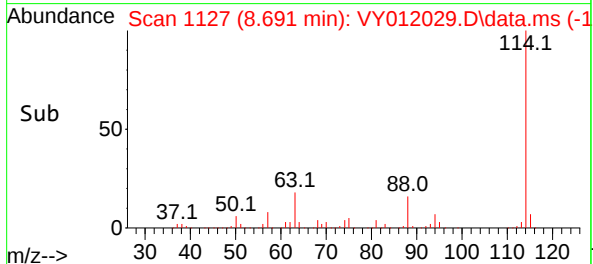
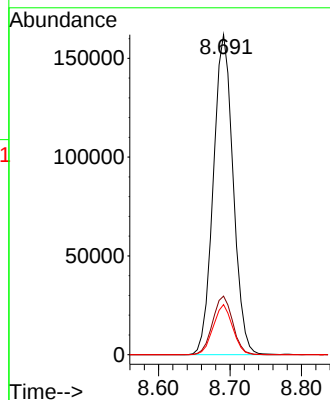
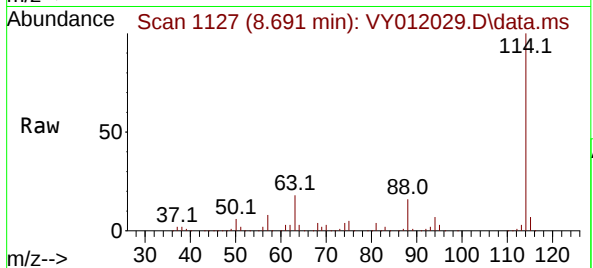
Tgt Ion:114 Resp: 312193

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.052 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012029.D

Acq: 29 Dec 2022 15:39

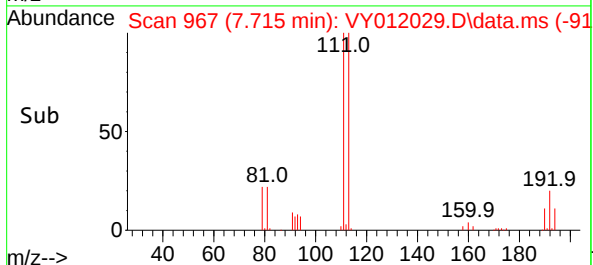
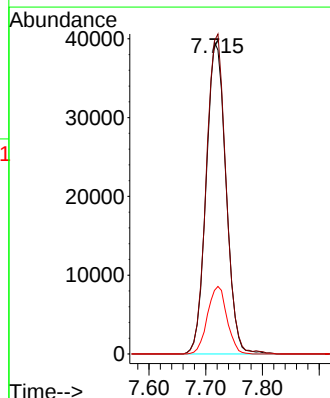
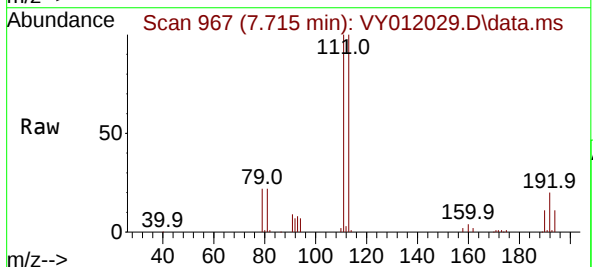
Tgt Ion:113 Resp: 95951

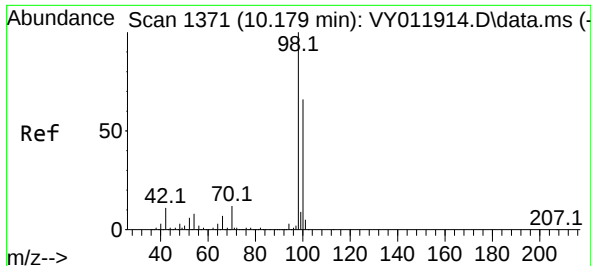
Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 21.3 16.0 24.0

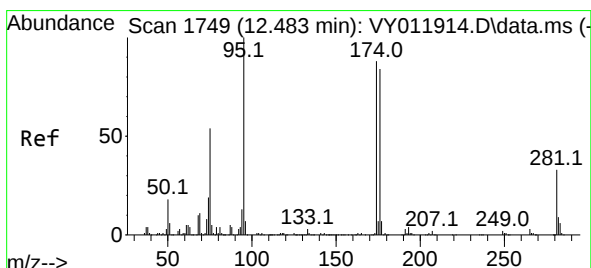
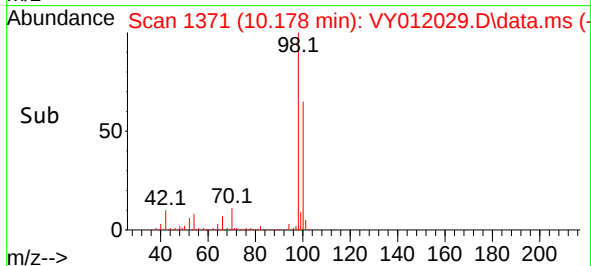
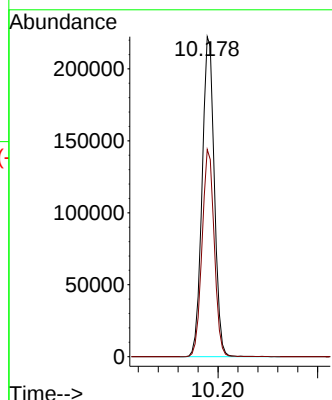
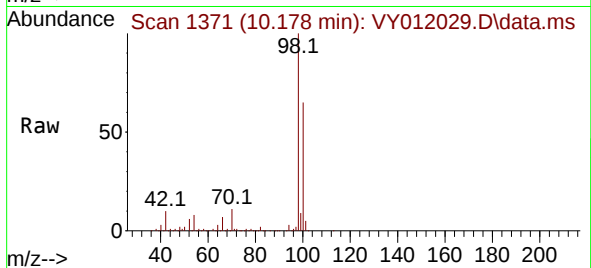




#50
Toluene-d8
Concen: 49.499 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012029.D
Acq: 29 Dec 2022 15:39

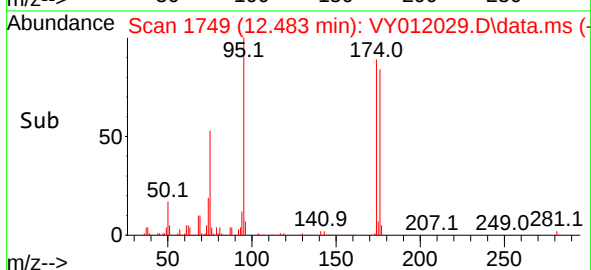
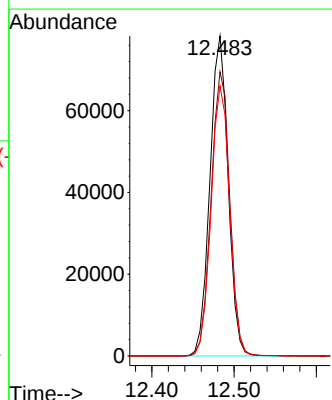
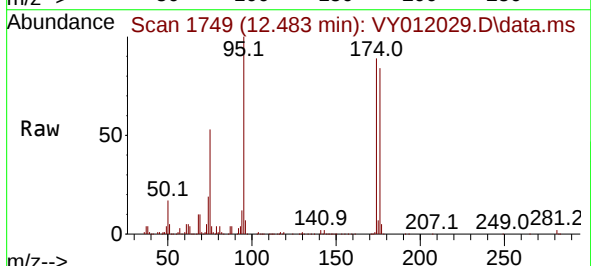
Instrument :
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ClientSampleId :
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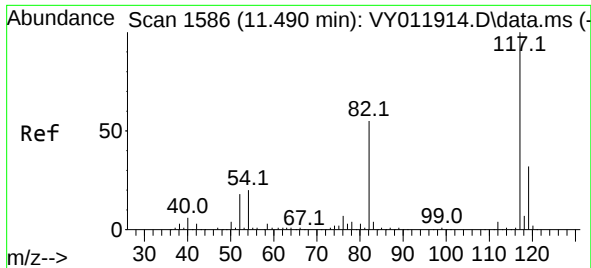
Tgt Ion: 98 Resp: 377457
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.084 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012029.D
Acq: 29 Dec 2022 15:39

Tgt Ion: 95 Resp: 120753
Ion Ratio Lower Upper
95 100
174 91.0 0.0 172.0
176 86.1 0.0 167.6

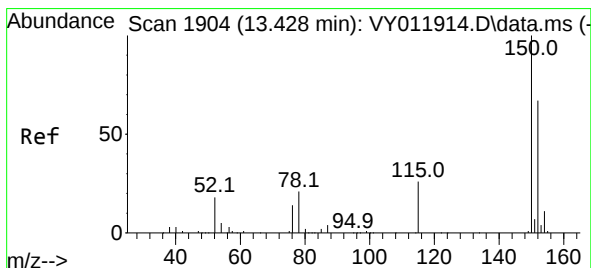
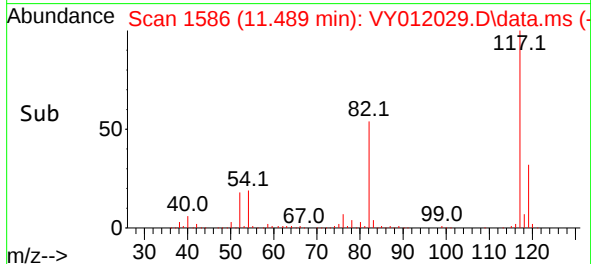
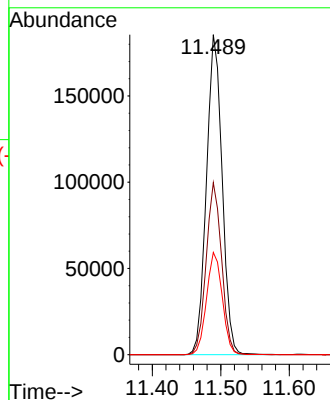
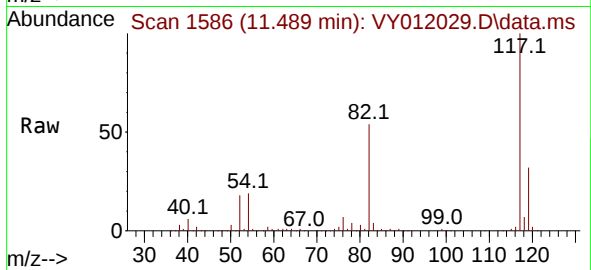




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012029.D
Acq: 29 Dec 2022 15:39

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 295677
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012029.D
Acq: 29 Dec 2022 15:39

Tgt Ion:152 Resp: 130426
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 158.6 0.0 342.6

