

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019247.D
 Acq On : 23 Aug 2024 10:55
 Operator : SY/MD
 Sample : VY0823SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBL01

Quant Time: Aug 23 22:54:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	111761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	181091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	149099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	53062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	39120	34.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.840%
35) Dibromofluoromethane	7.628	113	51900	43.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.660%
50) Toluene-d8	10.103	98	201885	47.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.407	95	54287	37.372	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.740%

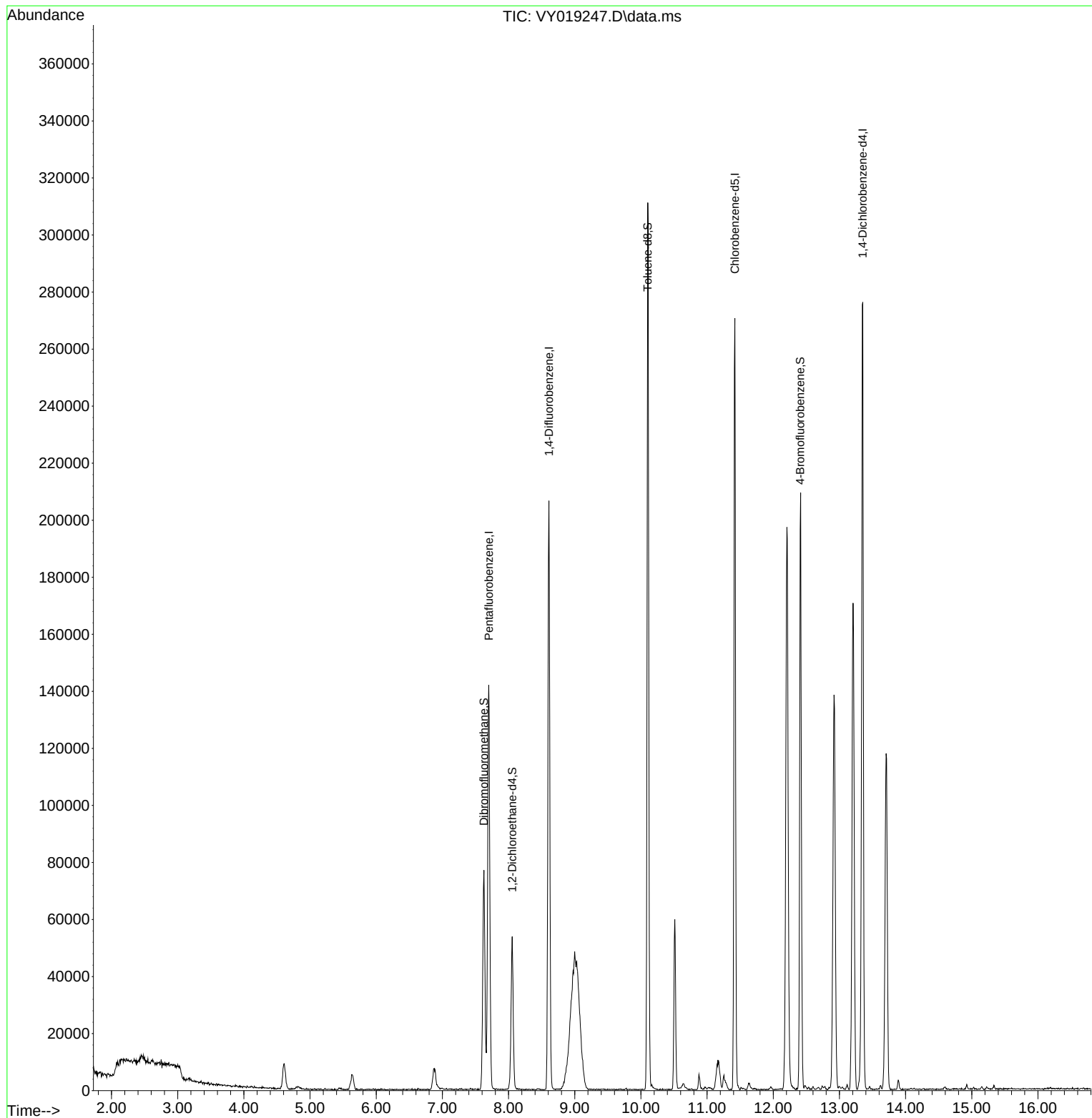
Target Compounds	Qvalue

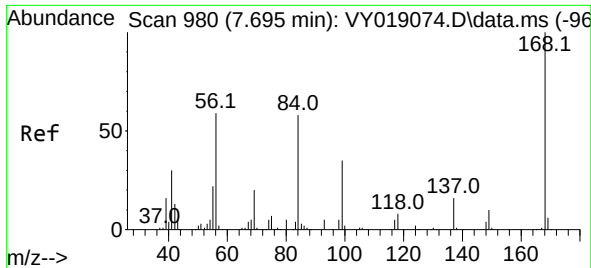
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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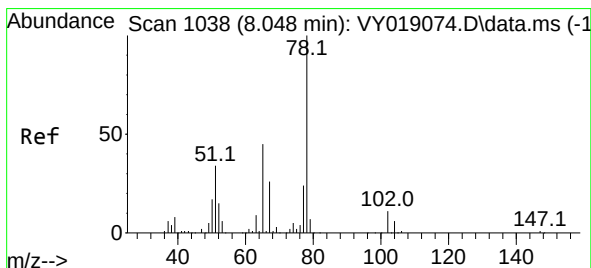
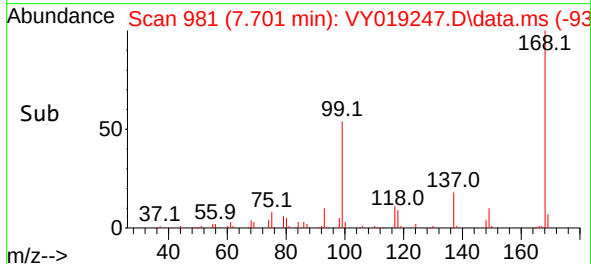
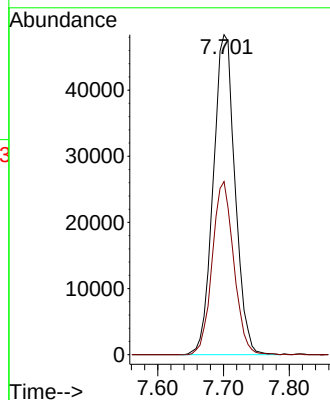
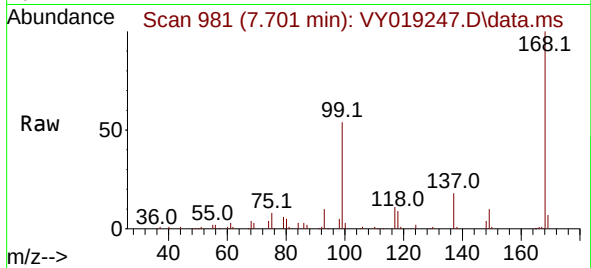




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

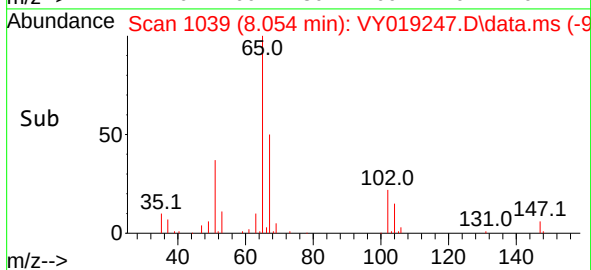
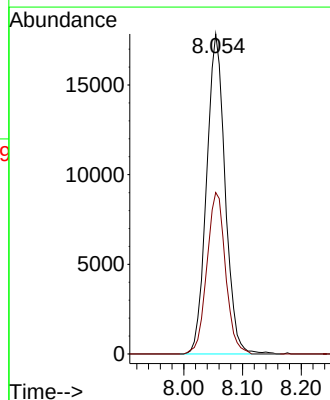
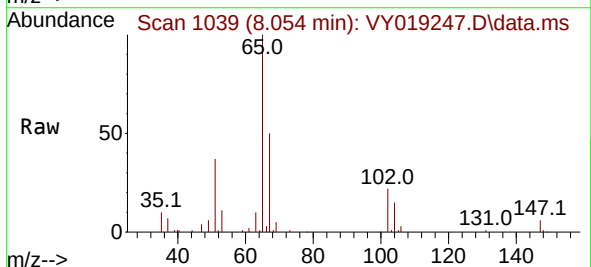
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

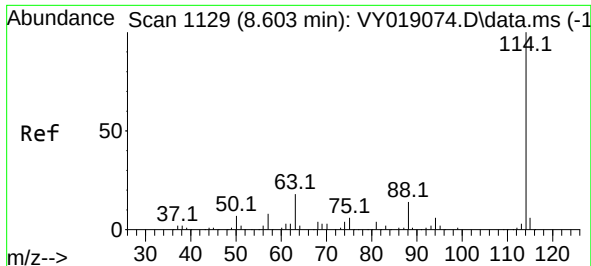
Tgt Ion:168 Resp: 111761
Ion Ratio Lower Upper
168 100
99 54.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 34.919 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Tgt Ion: 65 Resp: 39120
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019247.D

Acq: 23 Aug 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBL01

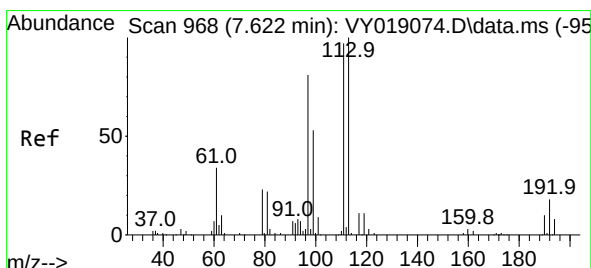
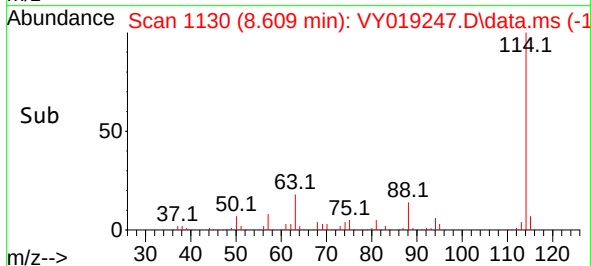
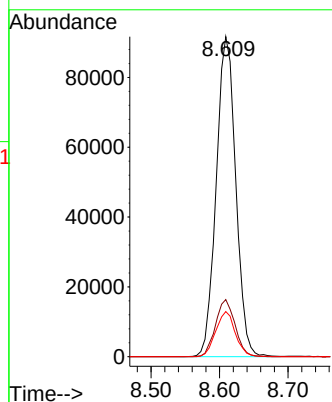
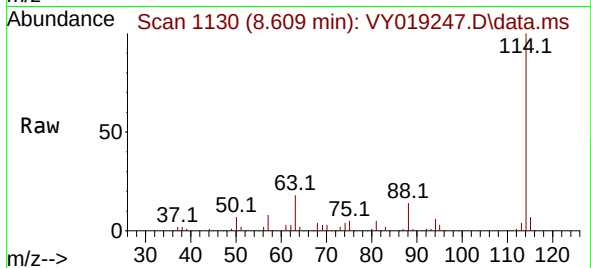
Tgt Ion:114 Resp: 181091

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.831 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019247.D

Acq: 23 Aug 2024 10:55

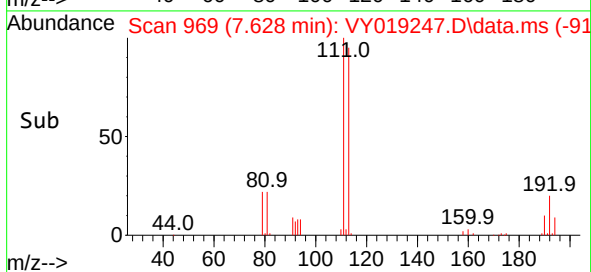
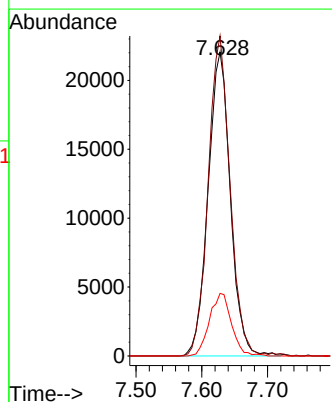
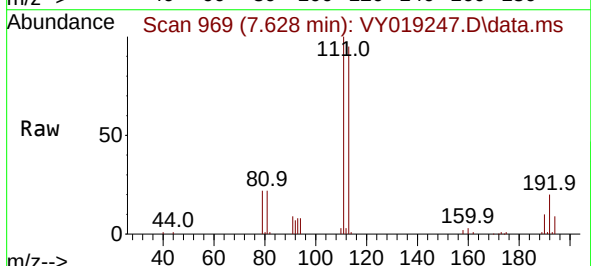
Tgt Ion:113 Resp: 51900

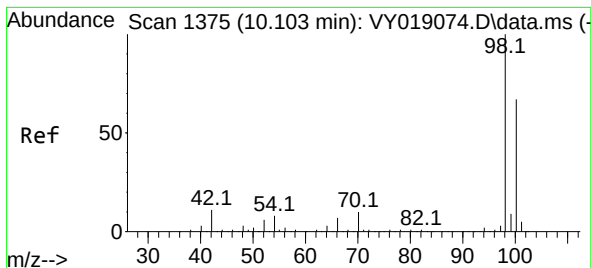
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 20.4 15.9 23.9

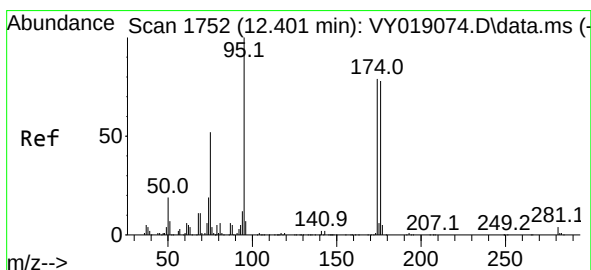
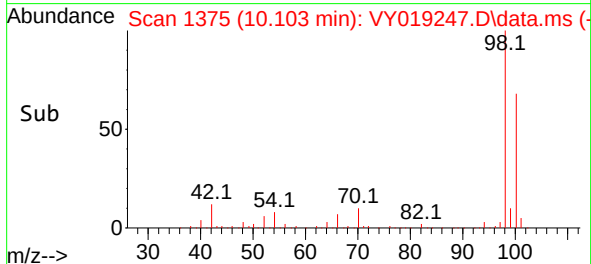
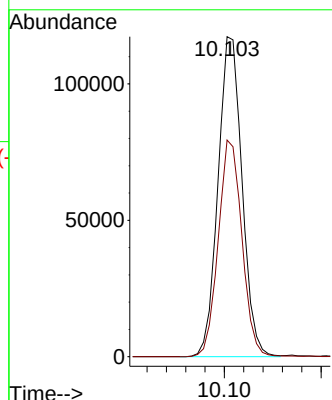
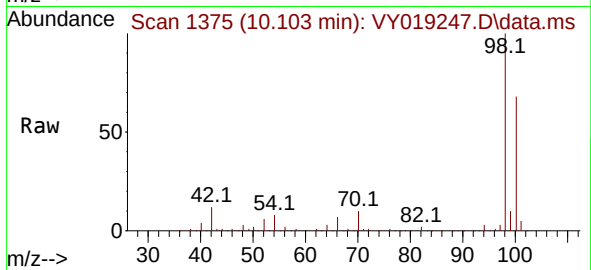




#50
Toluene-d8
Concen: 47.379 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

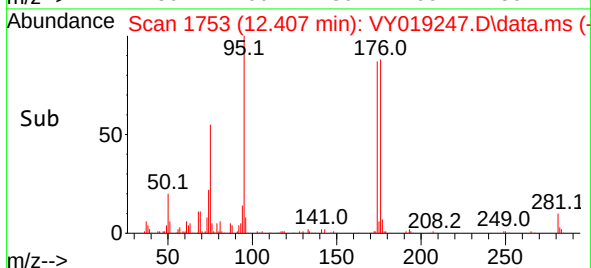
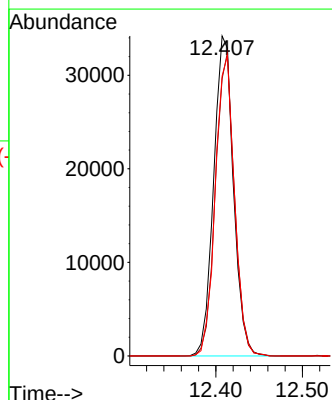
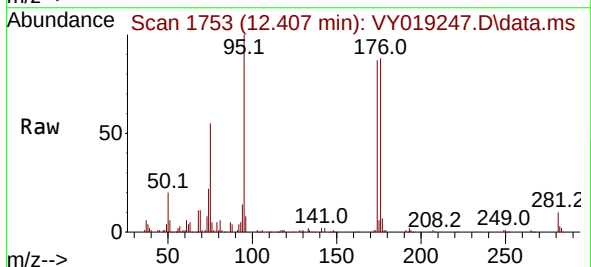
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

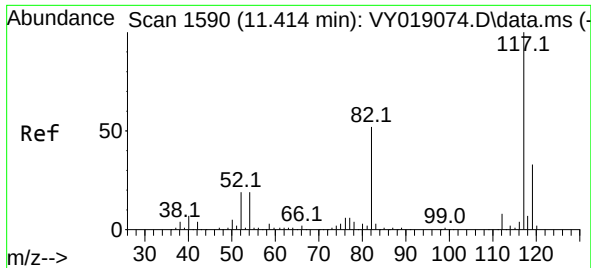
Tgt Ion: 98 Resp: 201885
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.372 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Tgt Ion: 95 Resp: 54287
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 90.6 0.0 171.4

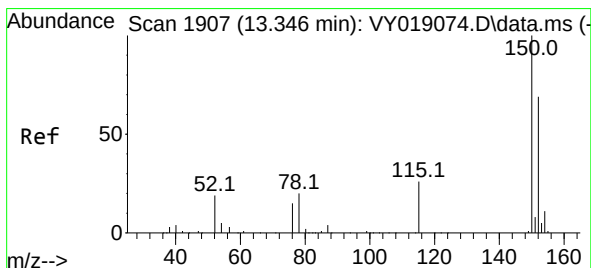
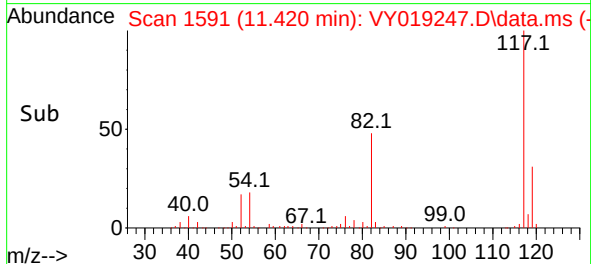
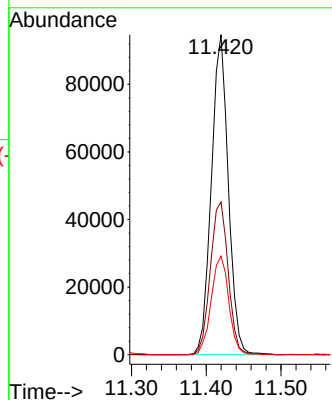
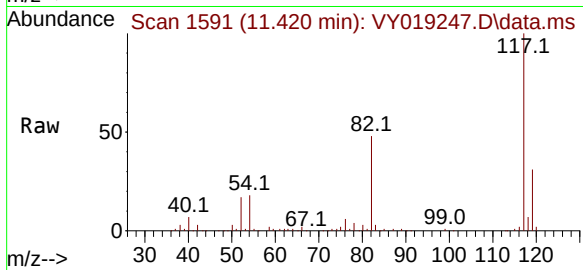




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

Tgt Ion:117 Resp: 149099
Ion Ratio Lower Upper
117 100
82 47.7 42.4 63.6
119 30.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Tgt Ion:152 Resp: 53062
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 160.2 0.0 345.6

