

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019057.D
 Acq On : 14 Aug 2024 14:36
 Operator : SY/MD
 Sample : P3580-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 926-K1-SD-0.5-1-081224

Quant Time: Aug 14 21:46:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	1148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	1839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1495	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	252	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	686	68.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.120%
35) Dibromofluoromethane	7.610	113	583	49.636	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.097	98	1956	43.356	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.720%
62) 4-Bromofluorobenzene	12.408	95	365	27.270	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	54.540%

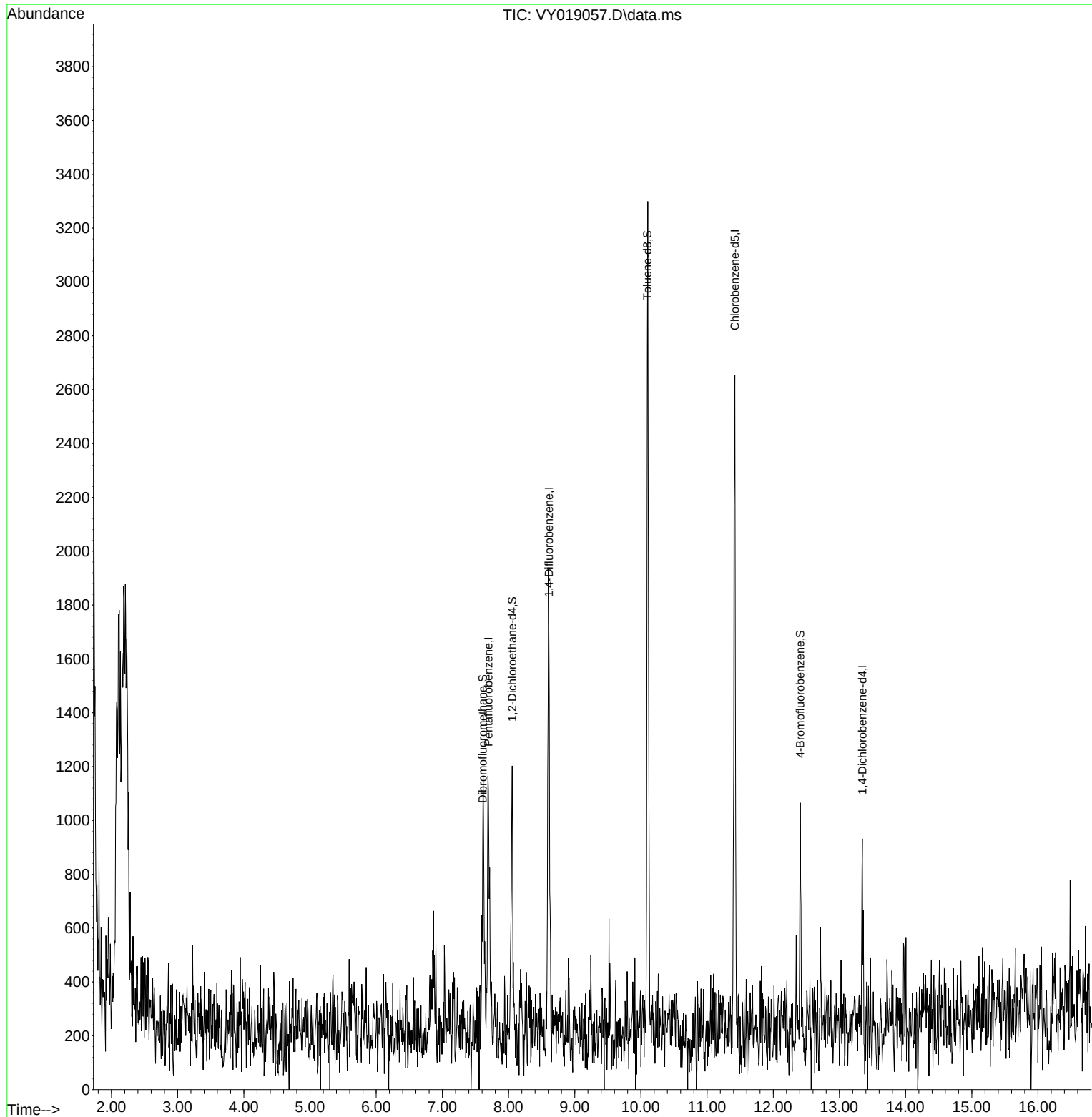
Target Compounds	Qvalue

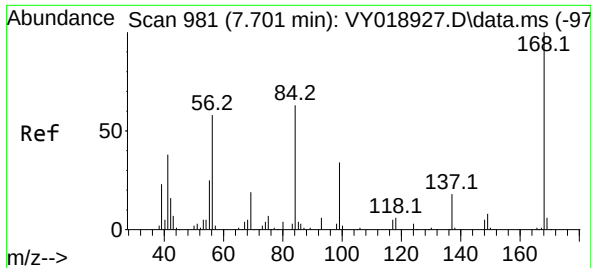
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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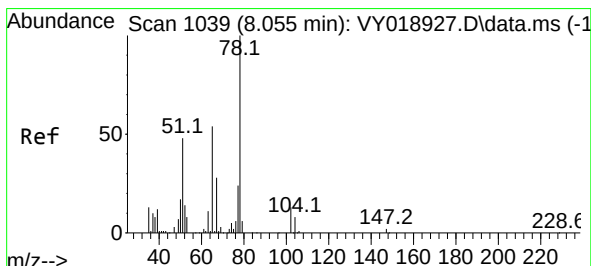
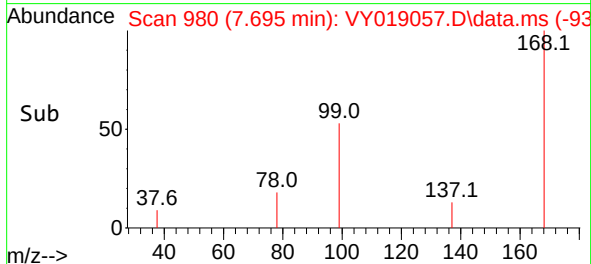
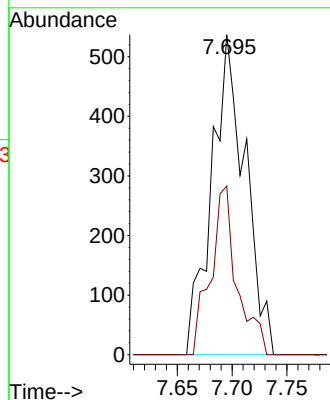
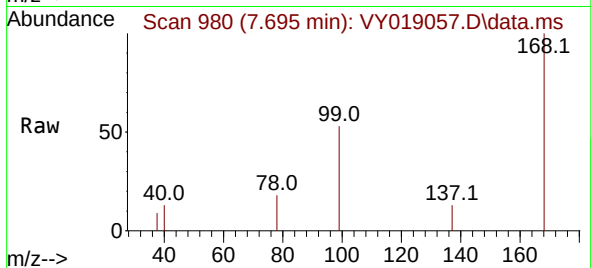




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019057.D
Acq: 14 Aug 2024 14:36

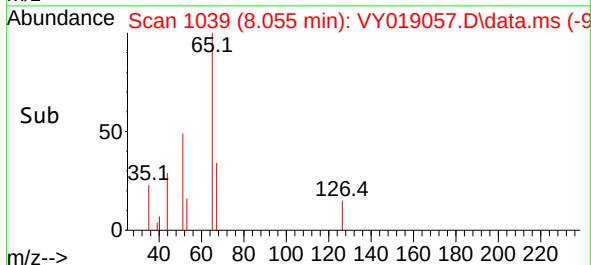
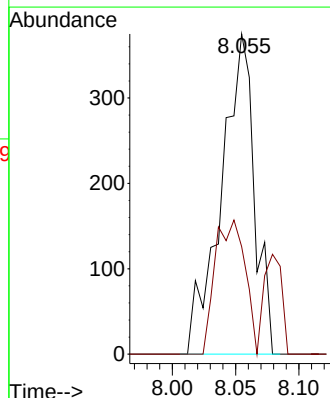
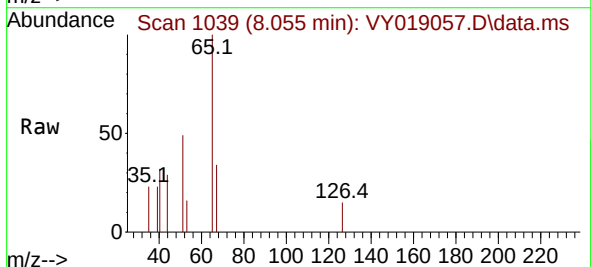
Instrument :
MSVOA_Y
ClientSampleId :
926-K1-SD-0.5-1-081224

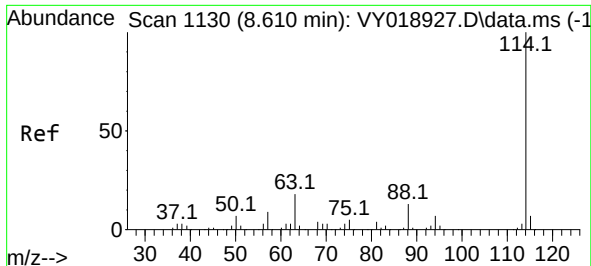
Tgt Ion:168 Resp: 1148
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 68.060 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019057.D
Acq: 14 Aug 2024 14:36

Tgt Ion: 65 Resp: 686
Ion Ratio Lower Upper
65 100
67 37.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019057.D

Acq: 14 Aug 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

926-K1-SD-0.5-1-081224

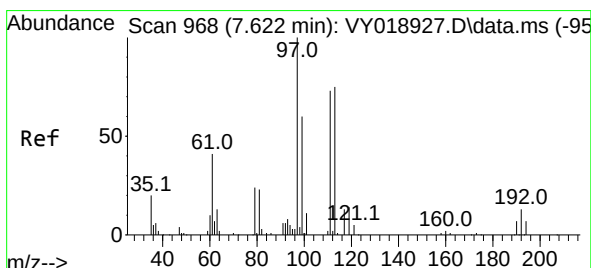
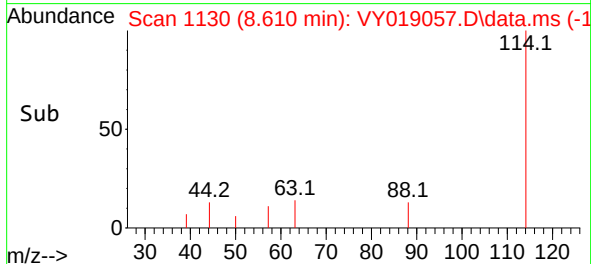
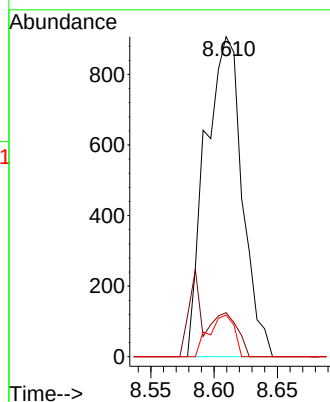
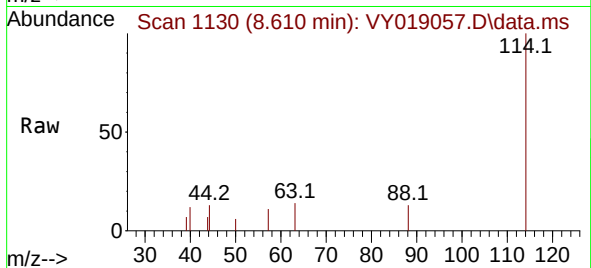
Tgt Ion:114 Resp: 1839

Ion Ratio Lower Upper

114 100

63 13.8 0.0 35.0

88 13.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.636 ug/l

RT: 7.610 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY019057.D

Acq: 14 Aug 2024 14:36

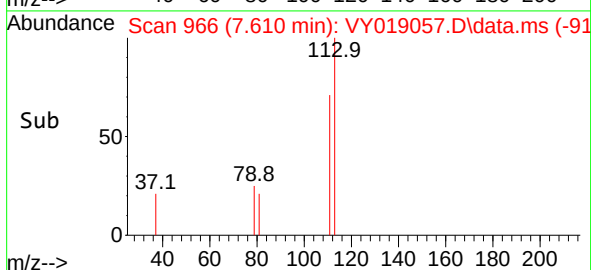
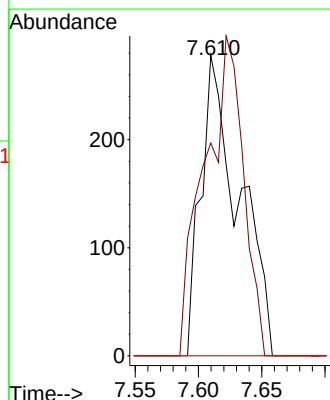
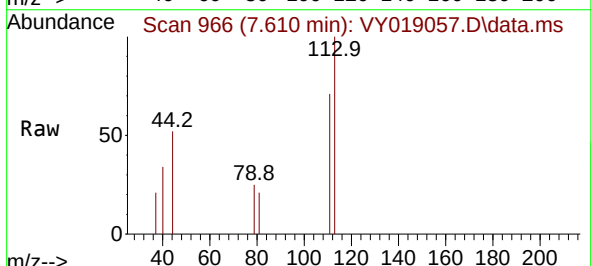
Tgt Ion:113 Resp: 583

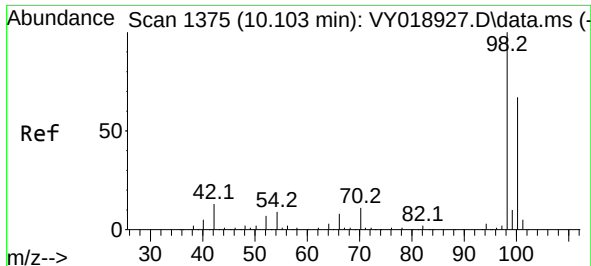
Ion Ratio Lower Upper

113 100

111 108.4 82.2 123.4

192 0.0 15.9 23.9#

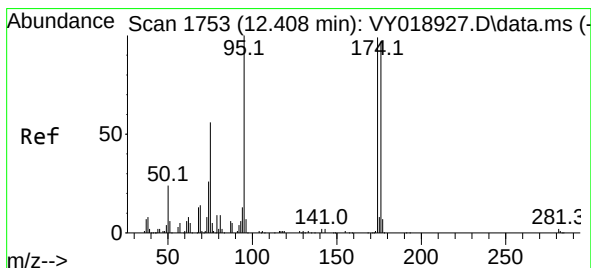
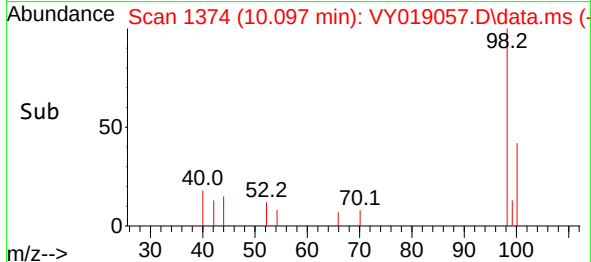
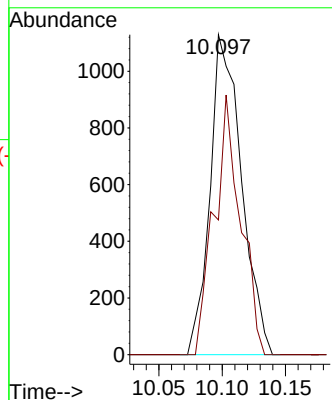
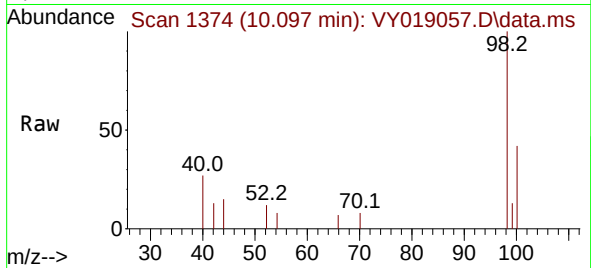




#50
Toluene-d8
Concen: 43.356 ug/l
RT: 10.097 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019057.D
Acq: 14 Aug 2024 14:36

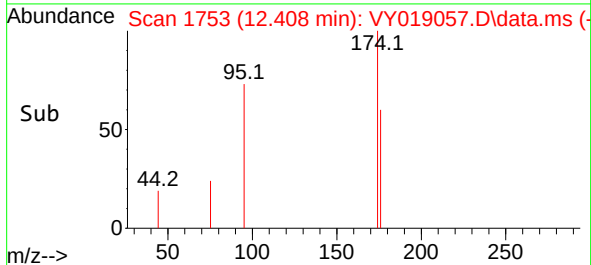
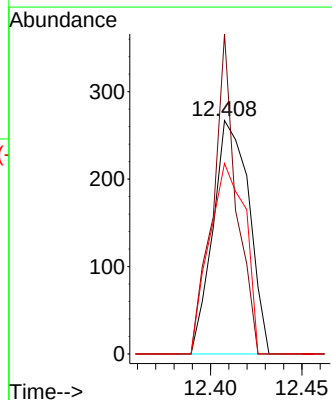
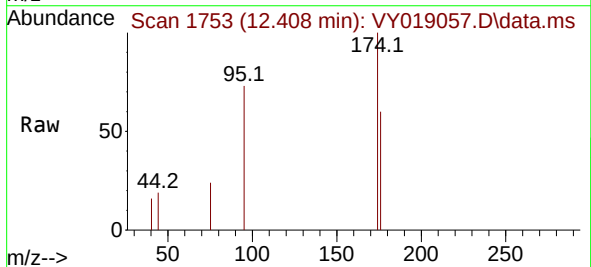
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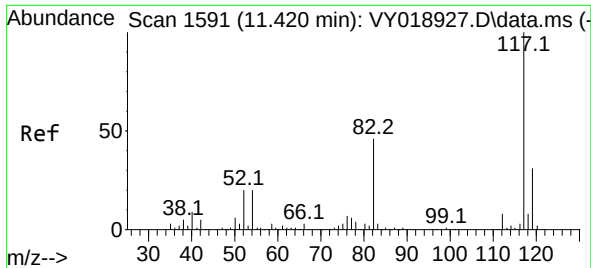
Tgt Ion: 98 Resp: 1956
Ion Ratio Lower Upper
98 100
100 67.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.270 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019057.D
Acq: 14 Aug 2024 14:36

Tgt Ion: 95 Resp: 365
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 81.6 0.0 171.4

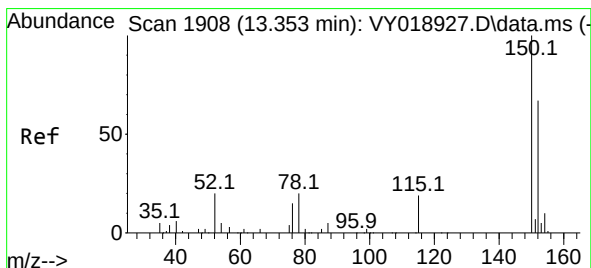
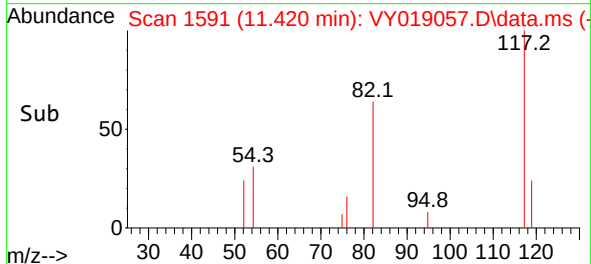
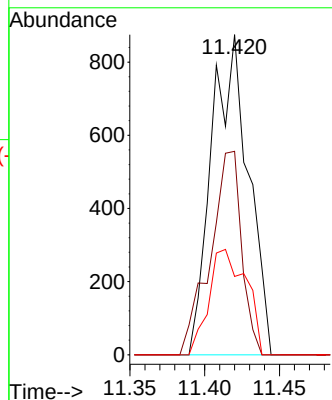
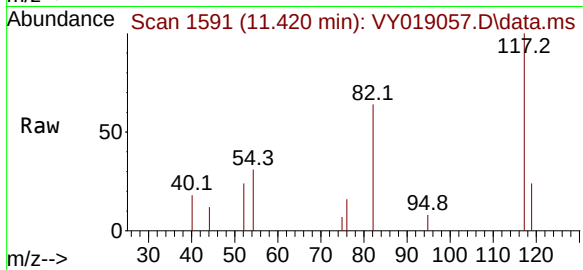




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019057.D
Acq: 14 Aug 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
926-K1-SD-0.5-1-081224

Tgt Ion:117 Resp: 1495
Ion Ratio Lower Upper
117 100
82 63.5 42.4 63.6
119 24.5 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019057.D
Acq: 14 Aug 2024 14:36

Tgt Ion:152 Resp: 252
Ion Ratio Lower Upper
152 100
115 51.2 28.2 84.7
150 115.1 0.0 345.6

