

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019050.D
 Acq On : 14 Aug 2024 11:45
 Operator : SY/MD
 Sample : P3512-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 927-K1-SD-0.5-1.0-080724

Quant Time: Aug 14 21:44:25 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	594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	1117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	959	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	30	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	613	117.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	235.080%#
35) Dibromofluoromethane	7.616	113	439	61.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.080%
50) Toluene-d8	10.103	98	1098	40.069	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.140%
62) 4-Bromofluorobenzene	12.401	95	157	19.312	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	38.620%

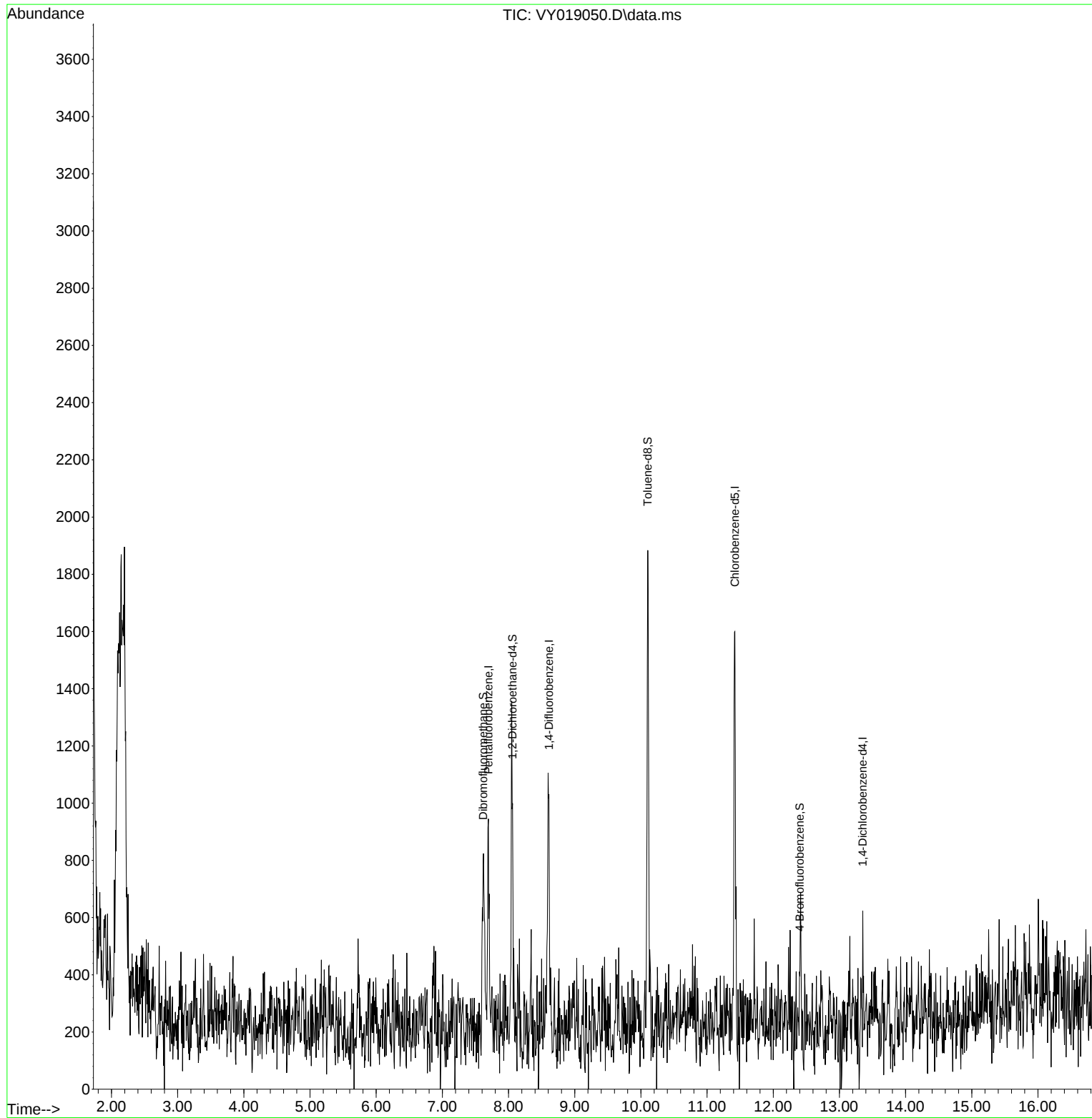
Target Compounds	Qvalue

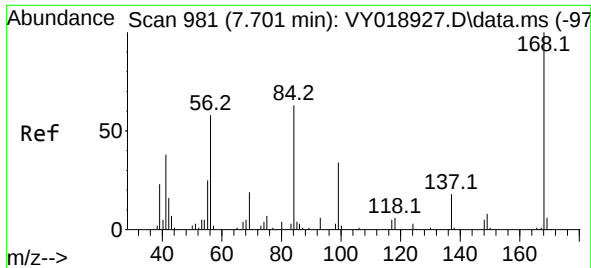
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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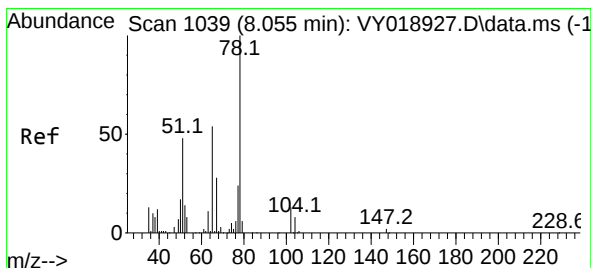
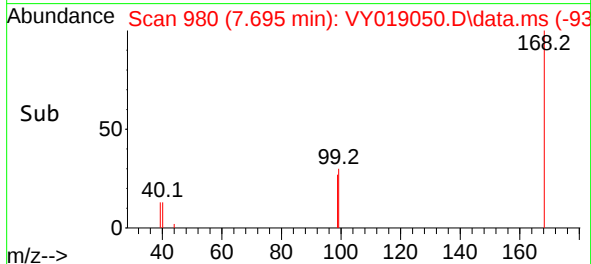
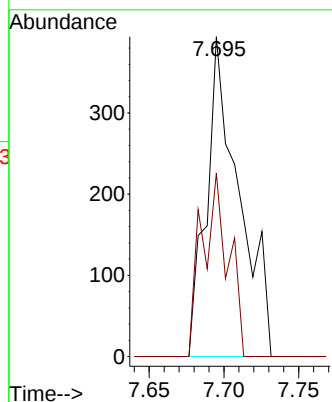
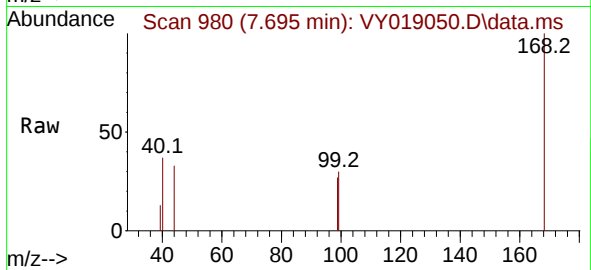




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019050.D
Acq: 14 Aug 2024 11:45

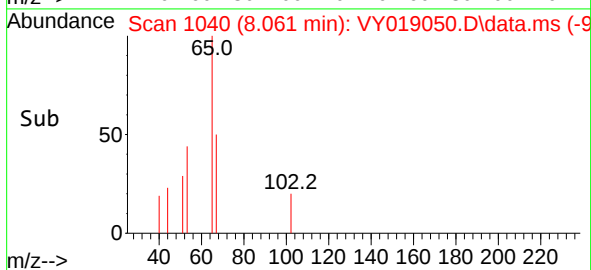
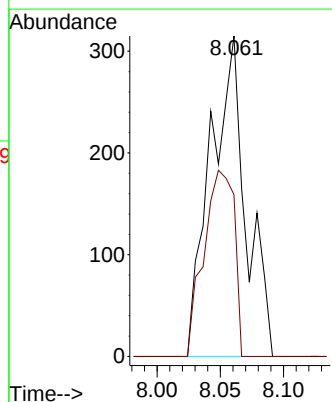
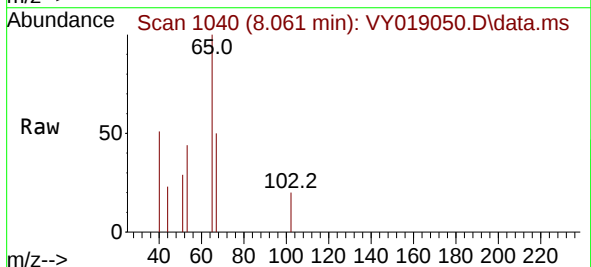
Instrument :
MSVOA_Y
ClientSampleId :
927-K1-SD-0.5-1.0-080724

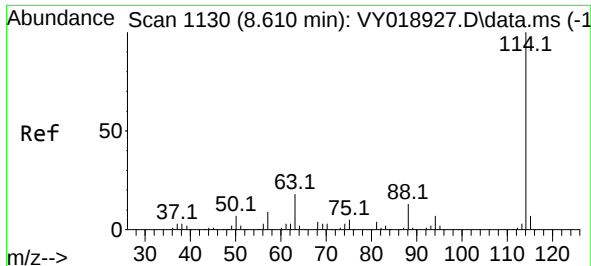
Tgt Ion:168 Resp: 594
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 117.539 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019050.D
Acq: 14 Aug 2024 11:45

Tgt Ion: 65 Resp: 613
Ion Ratio Lower Upper
65 100
67 49.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019050.D

Acq: 14 Aug 2024 11:45

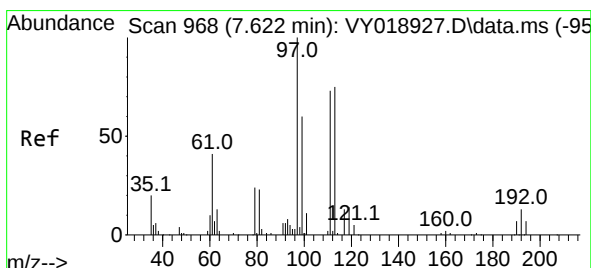
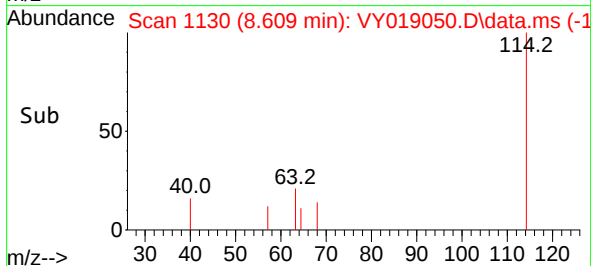
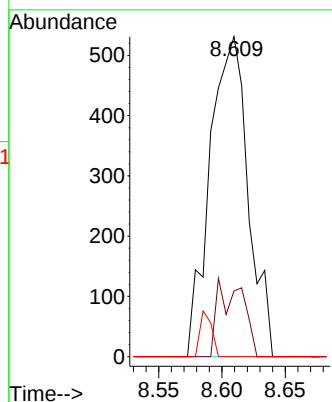
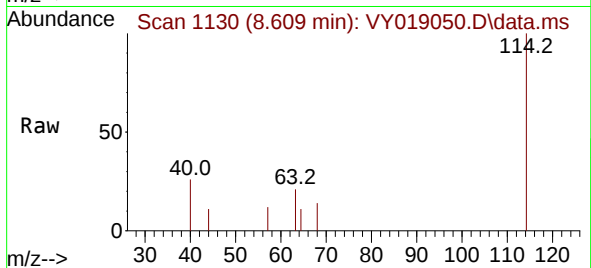
Instrument :

MSVOA_Y

ClientSampleId :

927-K1-SD-0.5-1.0-080724

Tgt Ion:114	Resp:	1117
Ion	Ratio	Lower Upper
114	100	
63	20.5	0.0 35.0
88	0.0	0.0 27.2



#35

Dibromofluoromethane

Concen: 61.535 ug/l

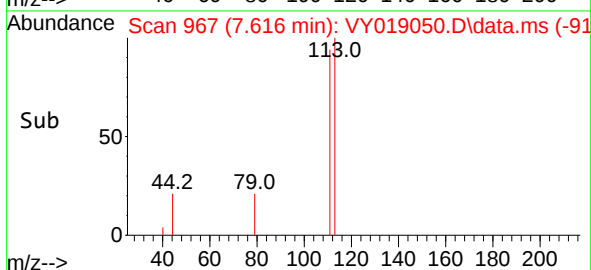
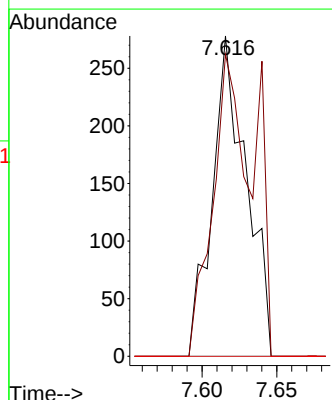
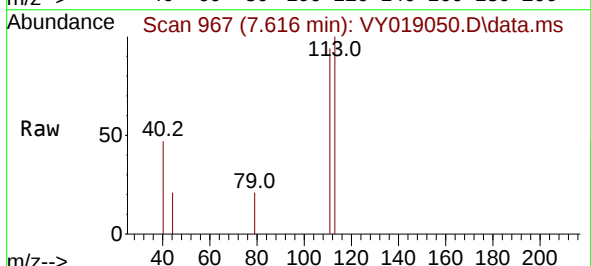
RT: 7.616 min Scan# 967

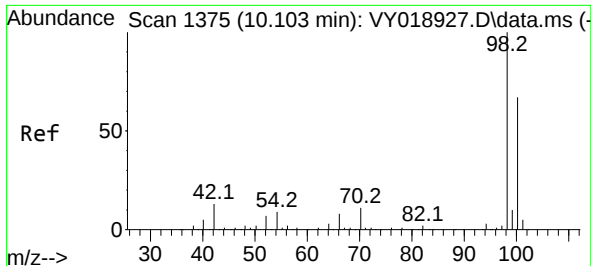
Delta R.T. -0.006 min

Lab File: VY019050.D

Acq: 14 Aug 2024 11:45

Tgt Ion:113	Resp:	439
Ion	Ratio	Lower Upper
113	100	
111	112.3	82.2 123.4
192	0.0	15.9 23.9#

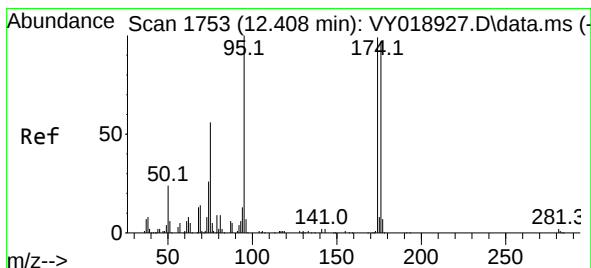
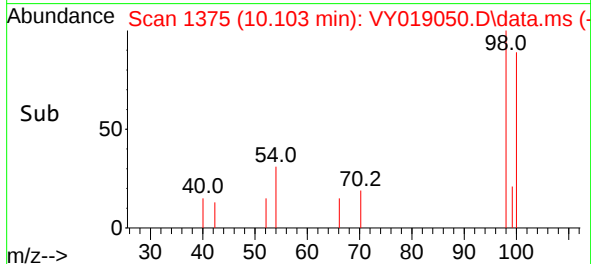
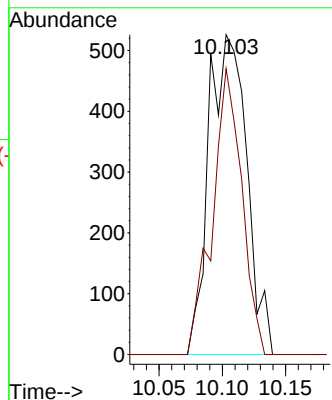
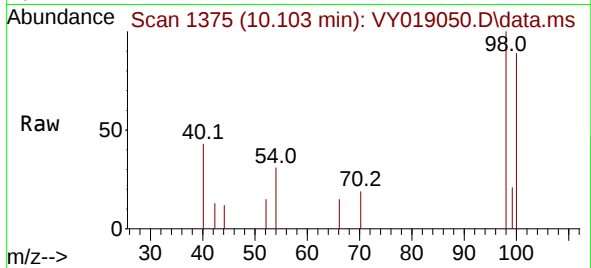




#50
Toluene-d8
Concen: 40.069 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019050.D
Acq: 14 Aug 2024 11:45

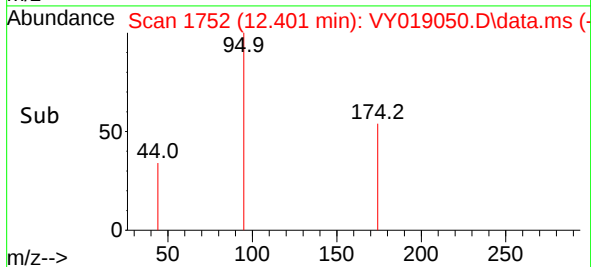
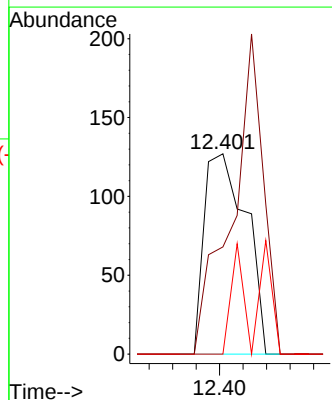
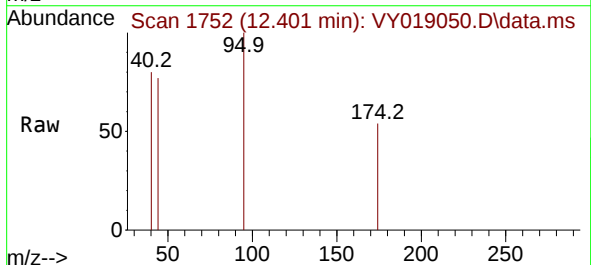
Instrument :
MSVOA_Y
ClientSampleId :
927-K1-SD-0.5-1.0-080724

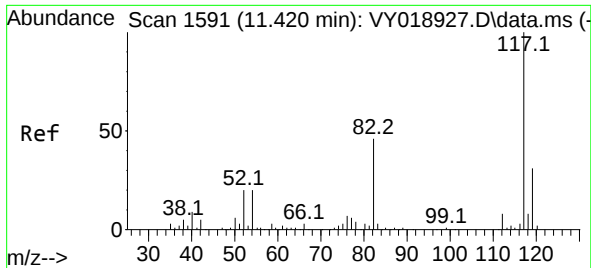
Tgt Ion: 98 Resp: 1098
Ion Ratio Lower Upper
98 100
100 69.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 19.312 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.007 min
Lab File: VY019050.D
Acq: 14 Aug 2024 11:45

Tgt Ion: 95 Resp: 157
Ion Ratio Lower Upper
95 100
174 120.4 0.0 175.6
176 33.1 0.0 171.4

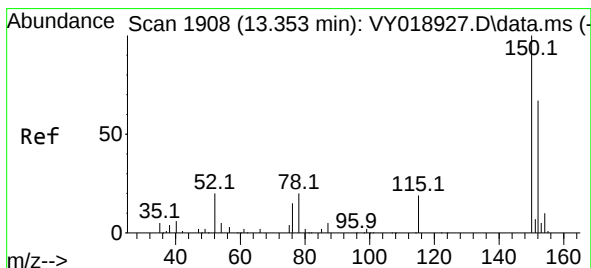
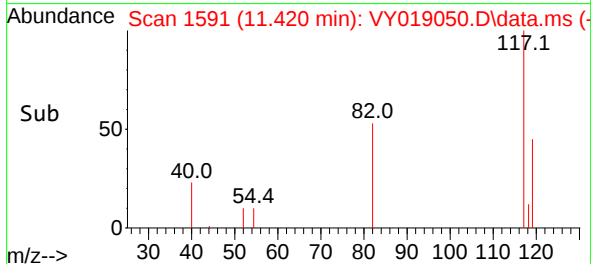
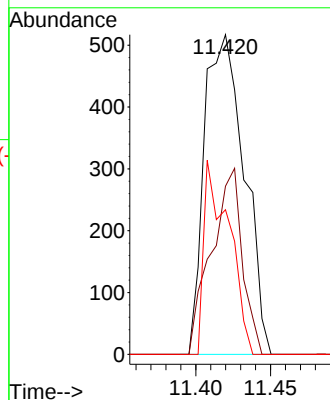
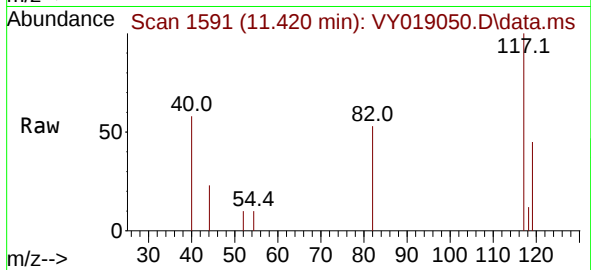




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019050.D
Acq: 14 Aug 2024 11:45

Instrument :
MSVOA_Y
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Tgt Ion:117	Resp:	959
Ion	Ratio	Lower Upper
117	100	
82	52.6	42.4 63.6
119	45.3	25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY019050.D
Acq: 14 Aug 2024 11:45

Tgt Ion:152	Resp:	30
Ion	Ratio	Lower Upper
152	100	
115	0.0	28.2 84.7#
150	480.0	0.0 345.6#

