

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019990.D
 Acq On : 23 Oct 2024 13:35
 Operator : SY/MD
 Sample : P4487-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F27

Quant Time: Oct 23 23:07:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	198616	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	403061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	366132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145586	59.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.060%
35) Dibromofluoromethane	7.640	113	136023	51.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.103	98	502223	51.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.401	95	153800	43.336	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.680%

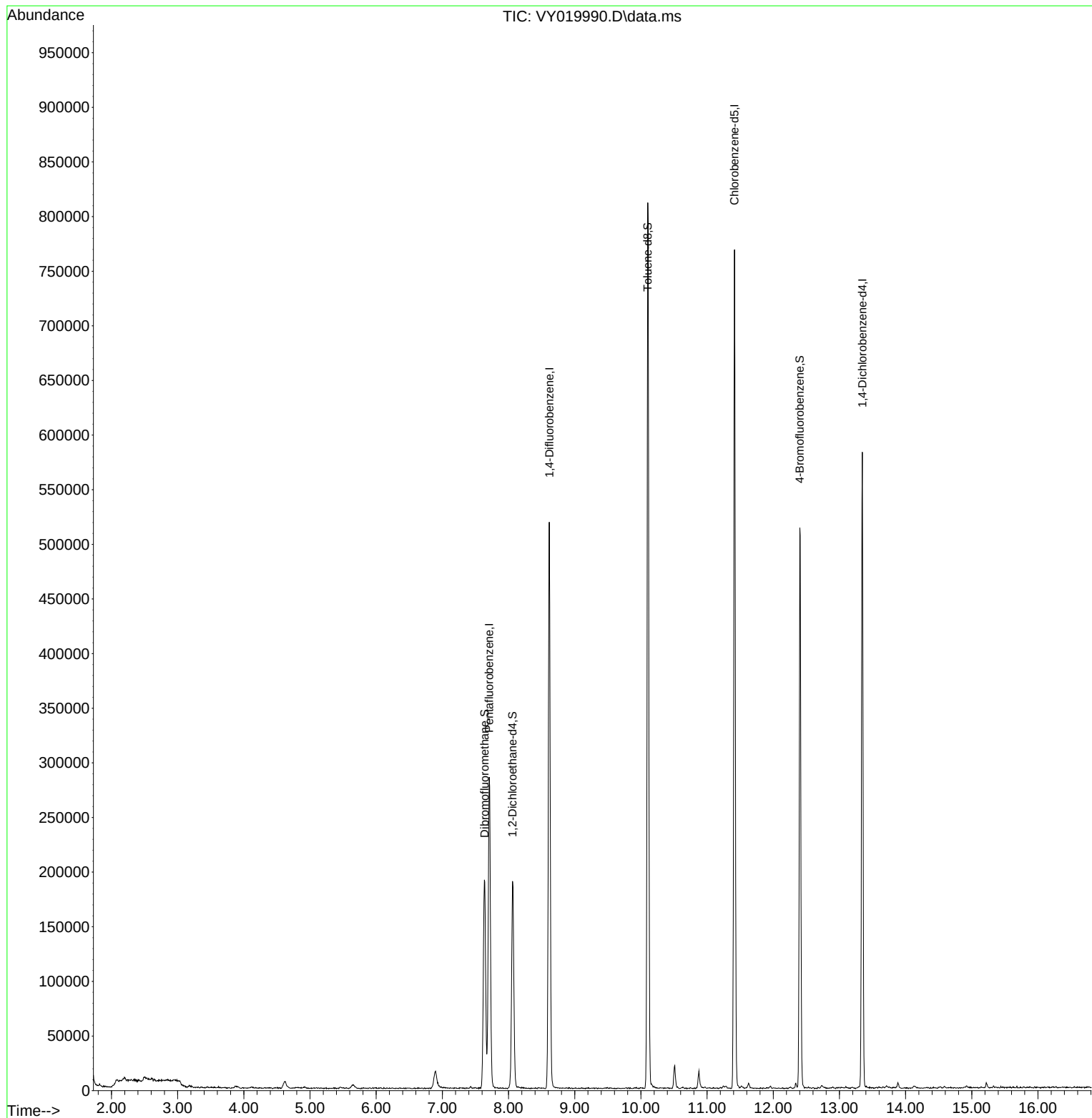
Target Compounds	Qvalue

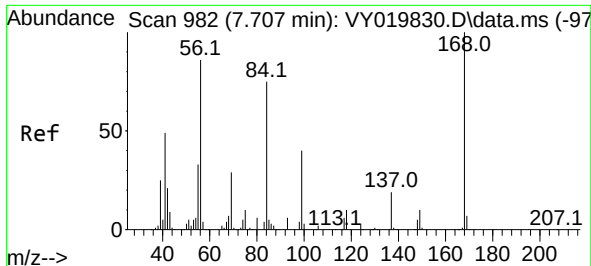
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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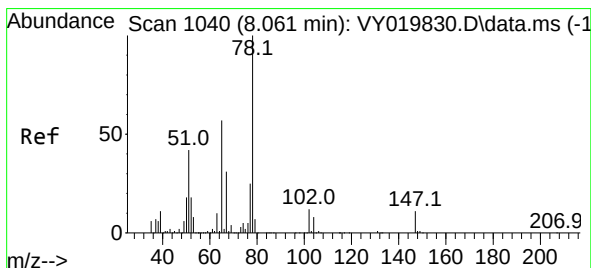
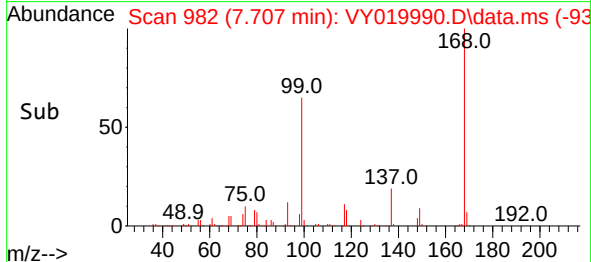
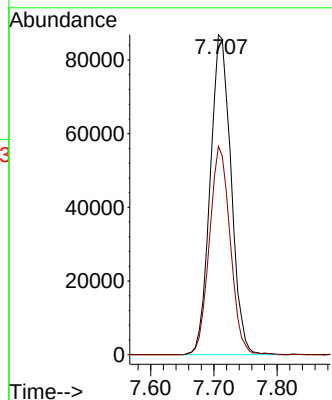
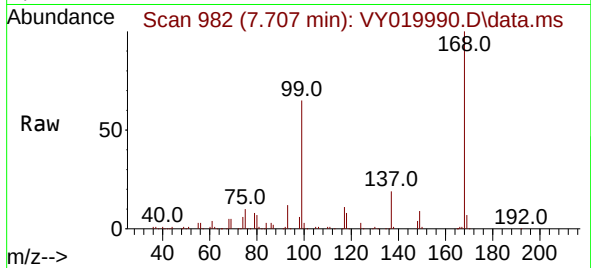




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019990.D
Acq: 23 Oct 2024 13:35

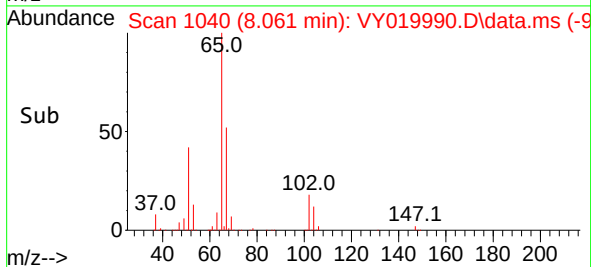
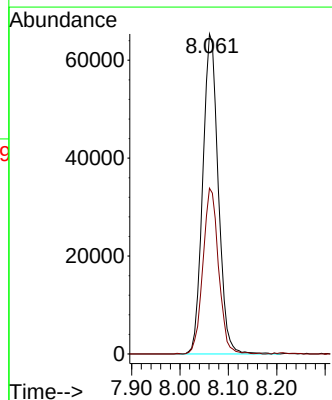
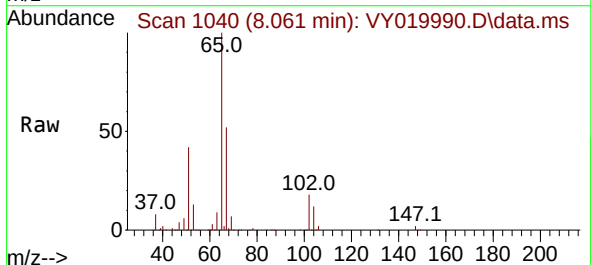
Instrument :
MSVOA_Y
ClientSampleId :
BP-F27

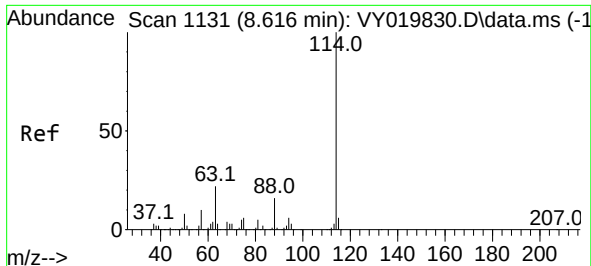
Tgt Ion:168 Resp: 198616
Ion Ratio Lower Upper
168 100
99 65.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.531 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019990.D
Acq: 23 Oct 2024 13:35

Tgt Ion: 65 Resp: 145586
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

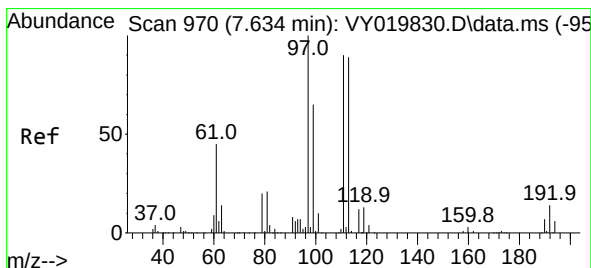
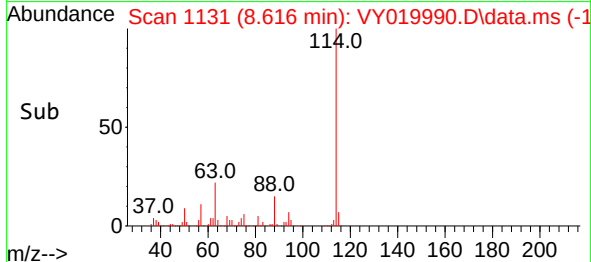
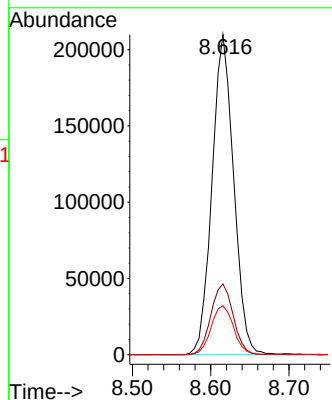
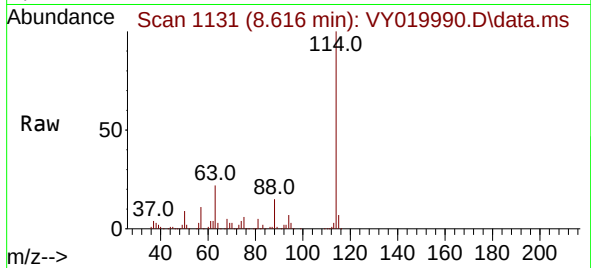




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019990.D
Acq: 23 Oct 2024 13:35

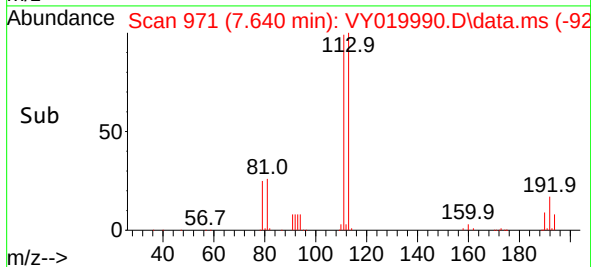
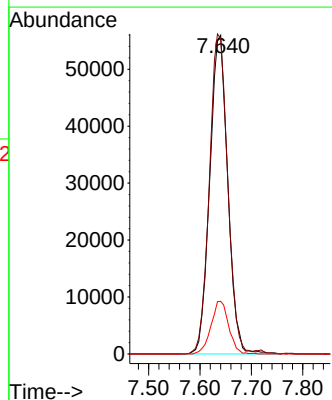
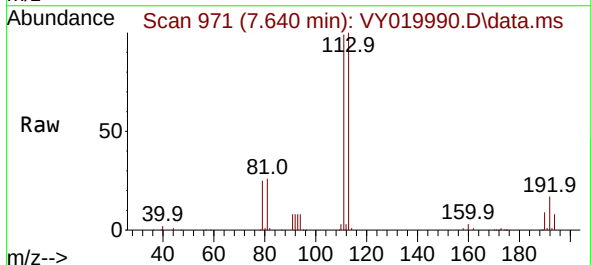
Instrument :
MSVOA_Y
ClientSampleId :
BP-F27

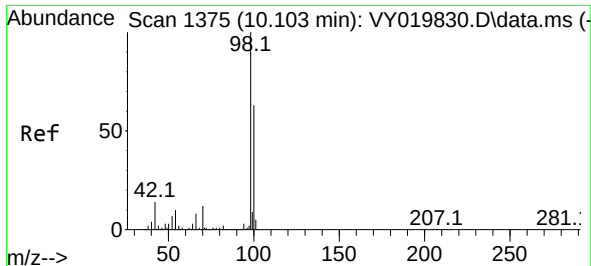
Tgt Ion:114 Resp: 403061
Ion Ratio Lower Upper
114 100
63 22.1 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.141 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019990.D
Acq: 23 Oct 2024 13:35

Tgt Ion:113 Resp: 136023
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 16.2 15.9 23.9

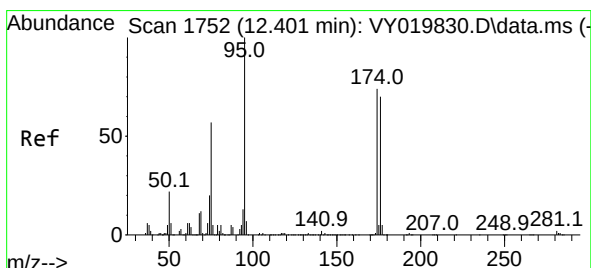
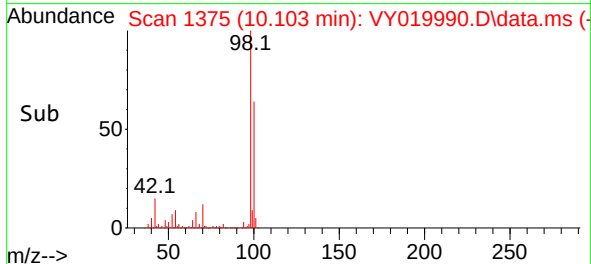
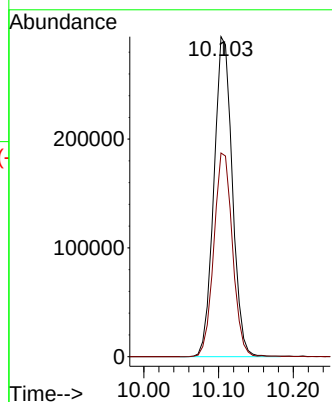
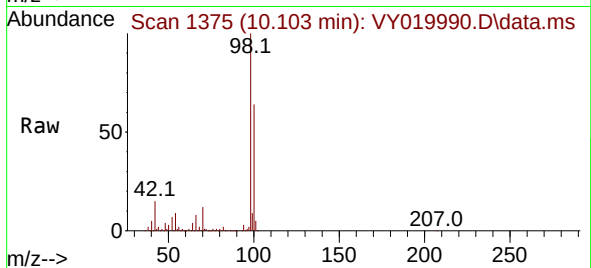




#50
Toluene-d8
Concen: 51.132 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019990.D
Acq: 23 Oct 2024 13:35

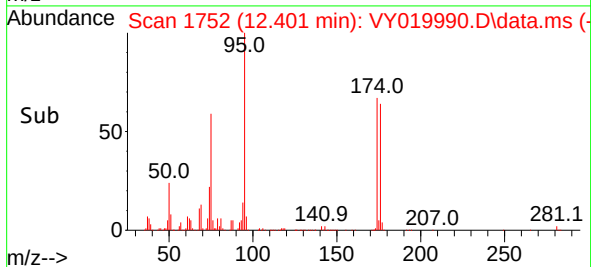
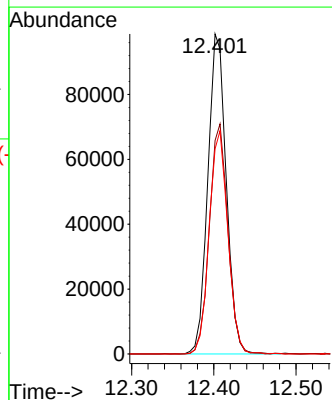
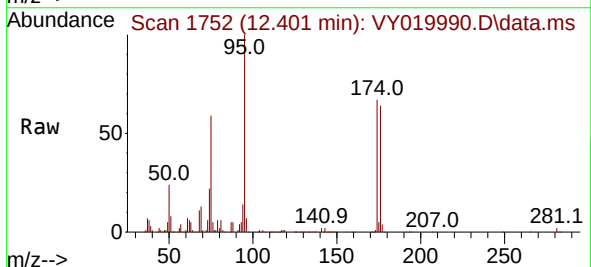
Instrument :
MSVOA_Y
ClientSampleId :
BP-F27

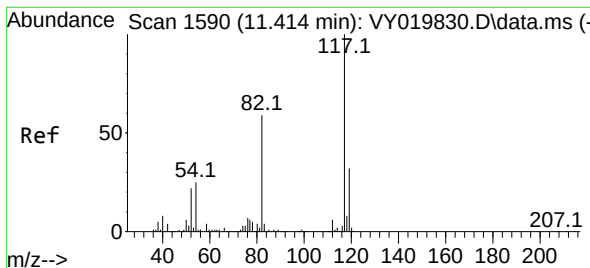
Tgt Ion: 98 Resp: 502223
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.336 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019990.D
Acq: 23 Oct 2024 13:35

Tgt Ion: 95 Resp: 153800
Ion Ratio Lower Upper
95 100
174 72.1 0.0 175.6
176 70.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019990.D

Acq: 23 Oct 2024 13:35

Instrument :

MSVOA_Y

ClientSampleId :

BP-F27

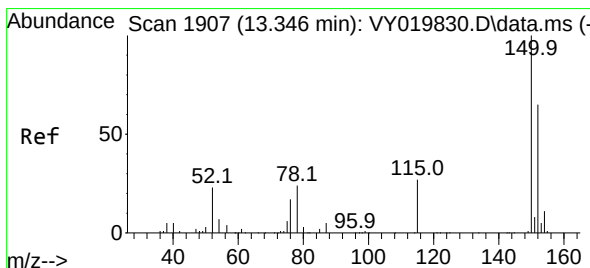
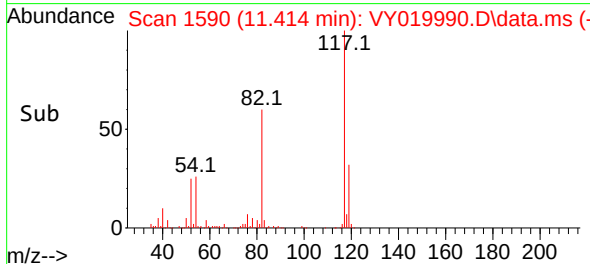
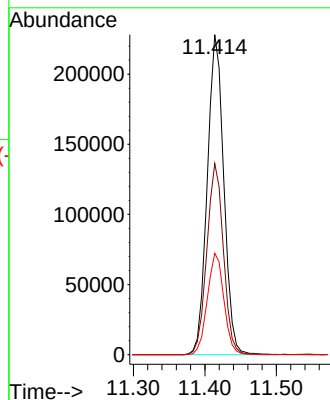
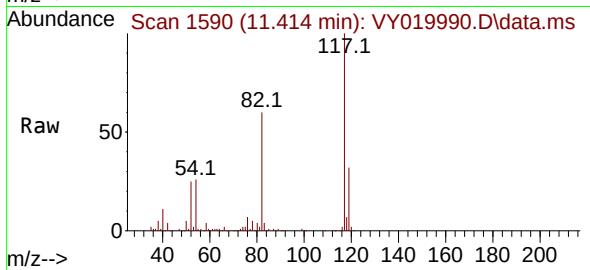
Tgt Ion:117 Resp: 366132

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019990.D

Acq: 23 Oct 2024 13:35

Tgt Ion:152 Resp: 130434

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 156.1 0.0 345.6

