

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019996.D
 Acq On : 23 Oct 2024 15:56
 Operator : SY/MD
 Sample : P4474-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-2RE

Quant Time: Oct 23 23:09:55 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	107535	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	209518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	167997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	51192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70551	53.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.560%
35) Dibromofluoromethane	7.634	113	68955	49.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.103	98	245177	48.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.401	95	64603	35.018	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.040%

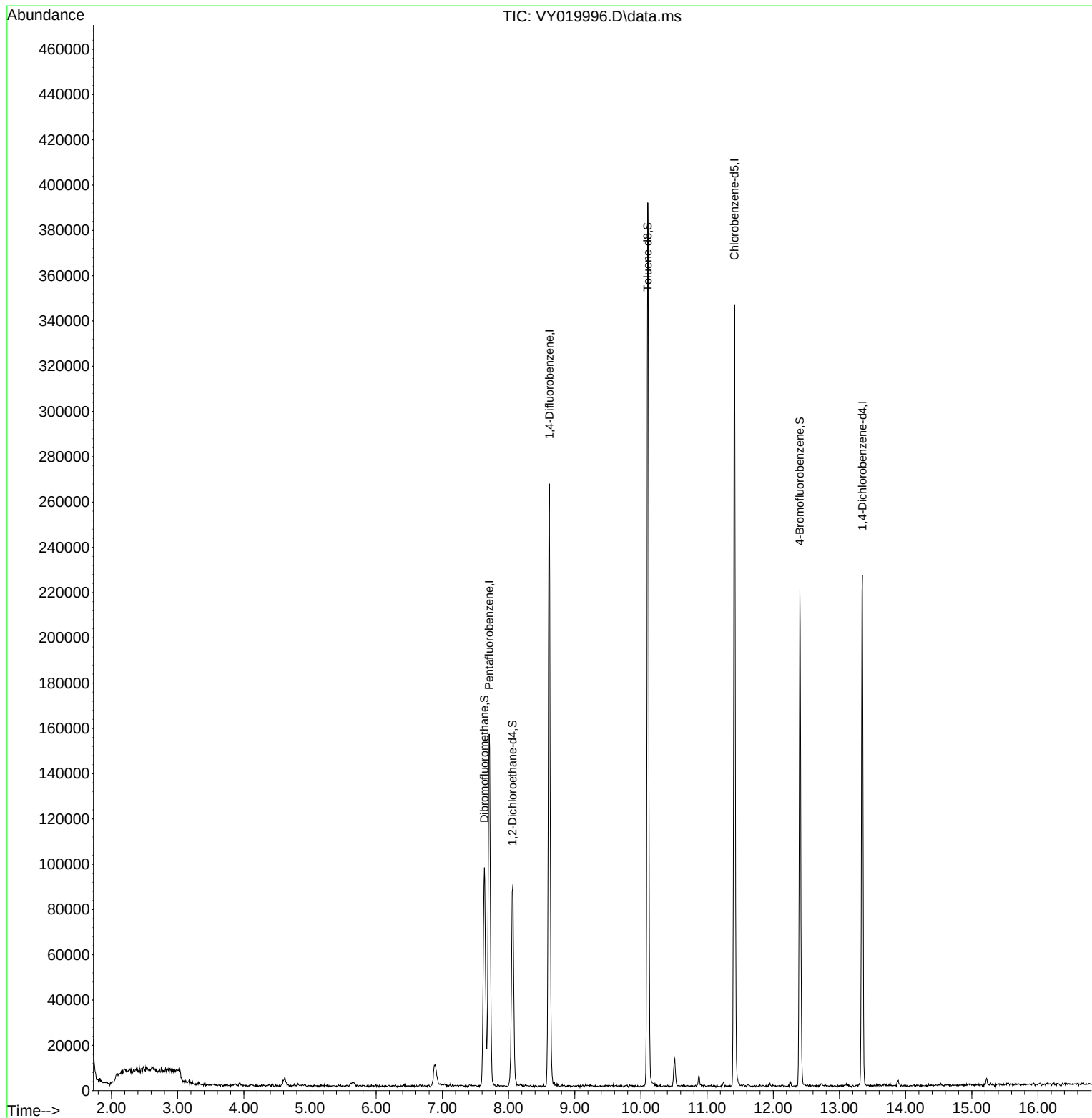
Target Compounds	Qvalue

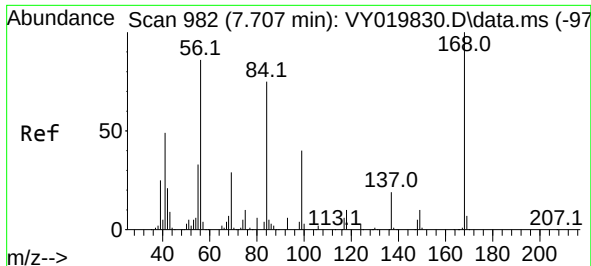
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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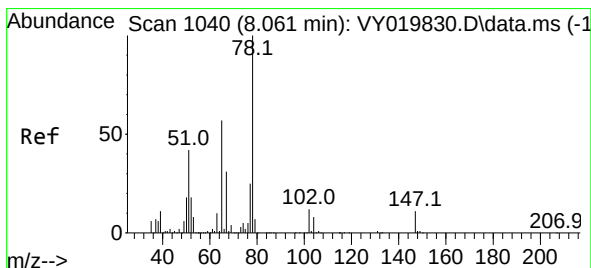
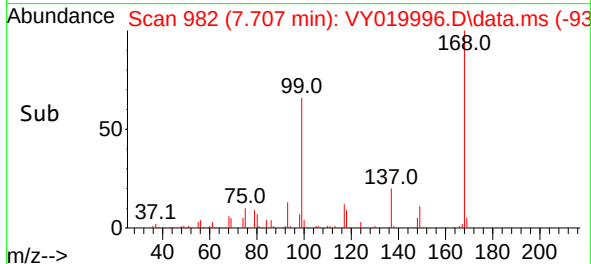
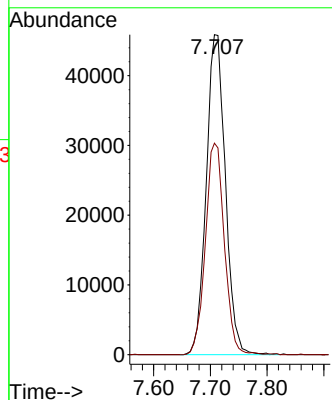
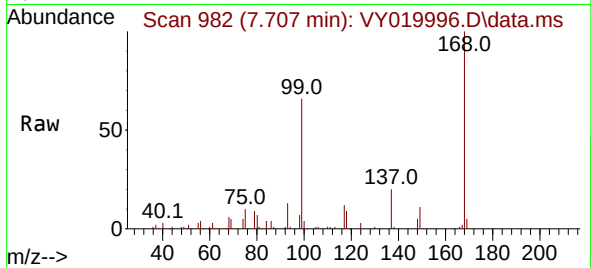




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

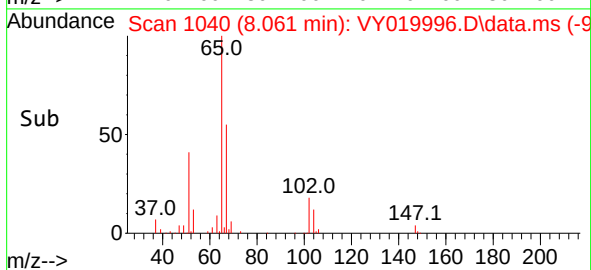
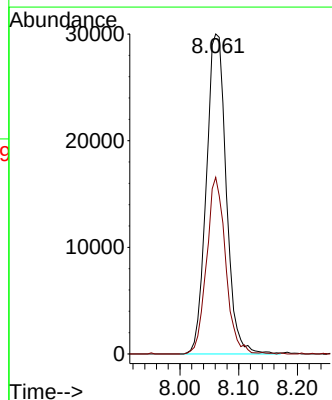
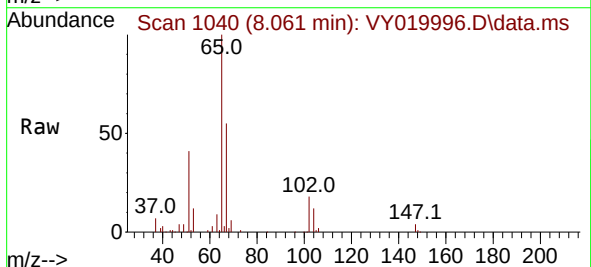
Instrument :
MSVOA_Y
ClientSampleId :
TS-2RE

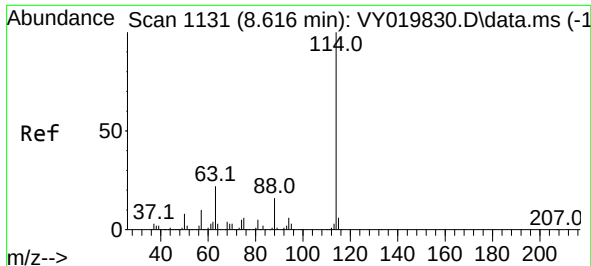
Tgt Ion:168 Resp: 107535
Ion Ratio Lower Upper
168 100
99 66.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.283 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Tgt Ion: 65 Resp: 70551
Ion Ratio Lower Upper
65 100
67 52.8 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: VY019996.D

Acq: 23 Oct 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

TS-2RE

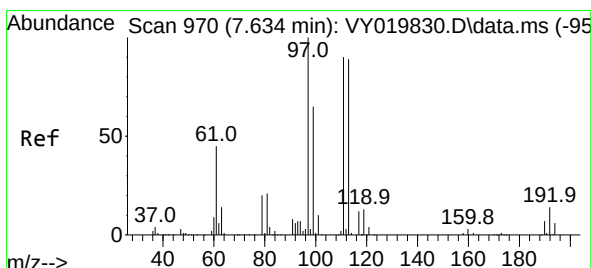
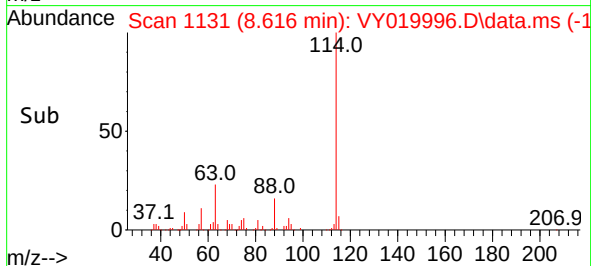
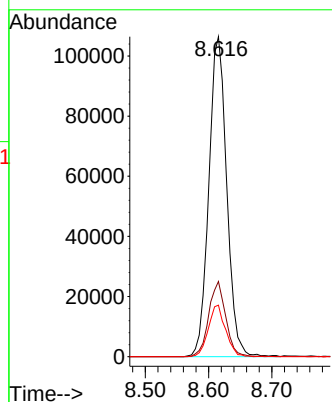
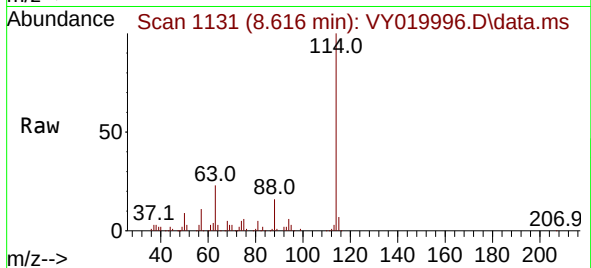
Tgt Ion:114 Resp: 209518

Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.874 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019996.D

Acq: 23 Oct 2024 15:56

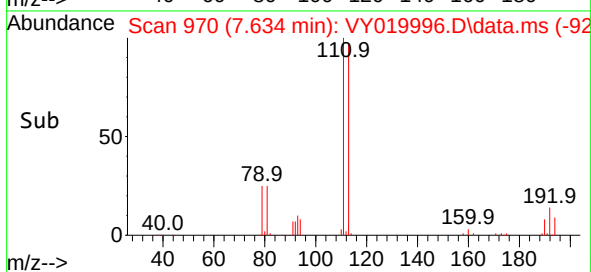
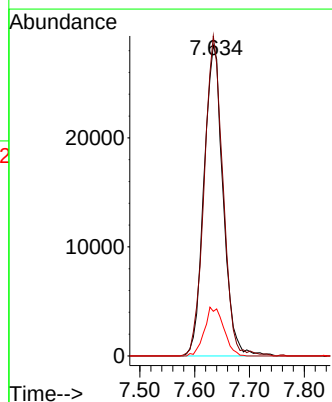
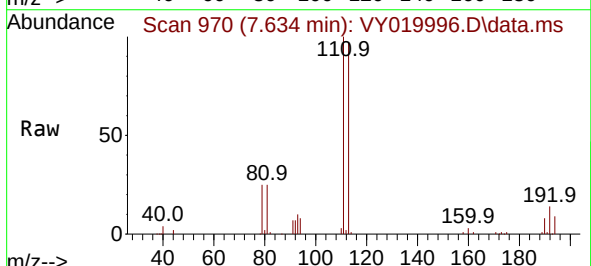
Tgt Ion:113 Resp: 68955

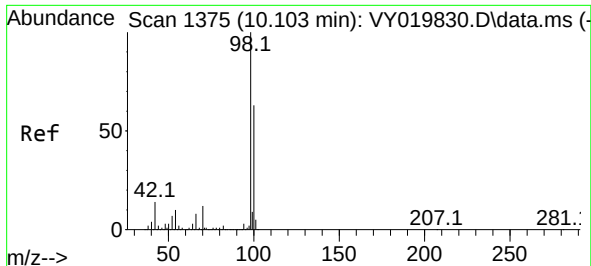
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

192 15.9 15.9 23.9#

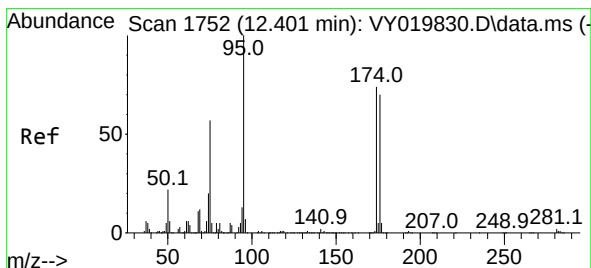
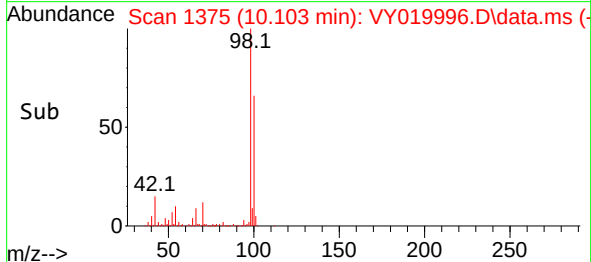
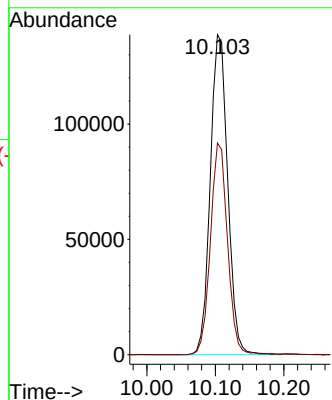
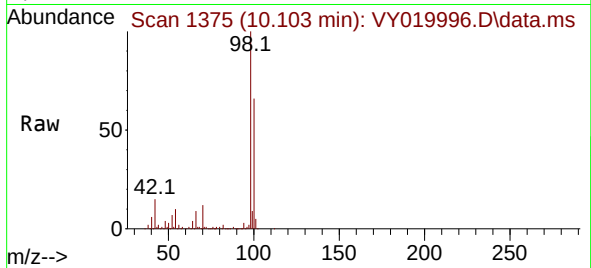




#50
Toluene-d8
Concen: 48.020 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

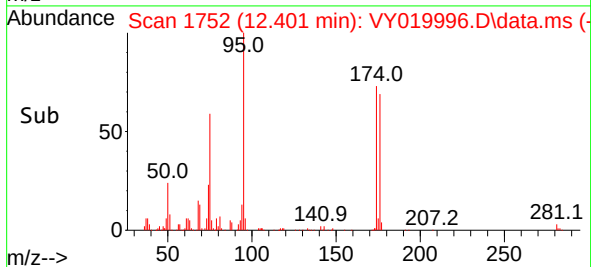
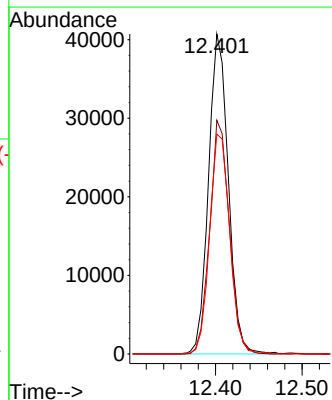
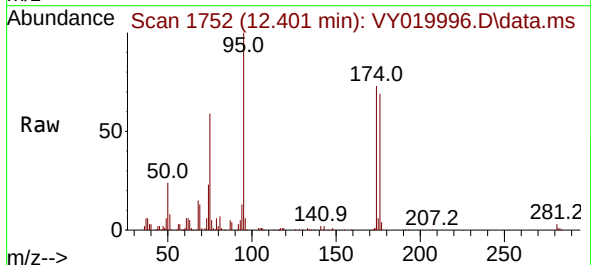
Instrument :
MSVOA_Y
ClientSampleId :
TS-2RE

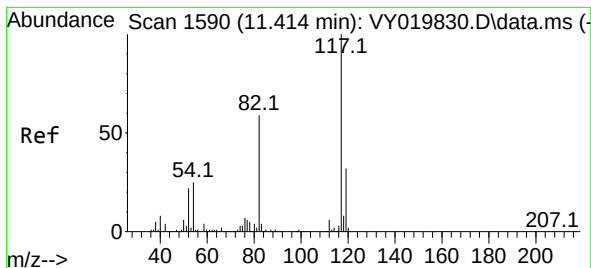
Tgt Ion: 98 Resp: 245177
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.018 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Tgt Ion: 95 Resp: 64603
Ion Ratio Lower Upper
95 100
174 72.4 0.0 175.6
176 70.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019996.D

Acq: 23 Oct 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

TS-2RE

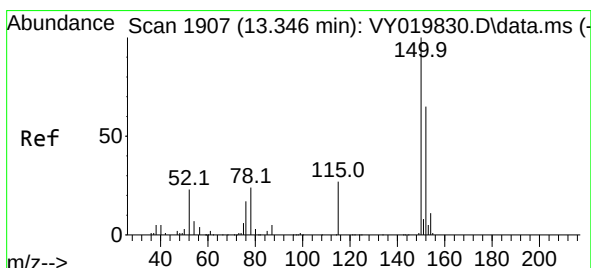
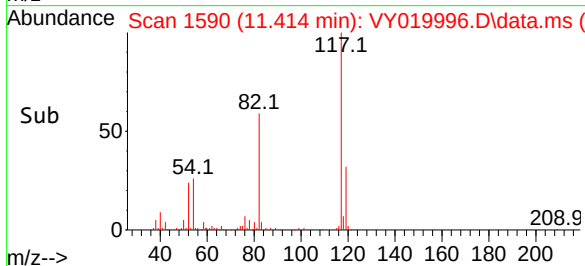
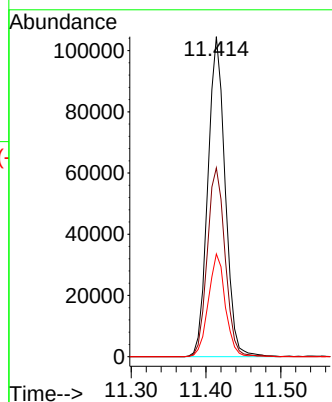
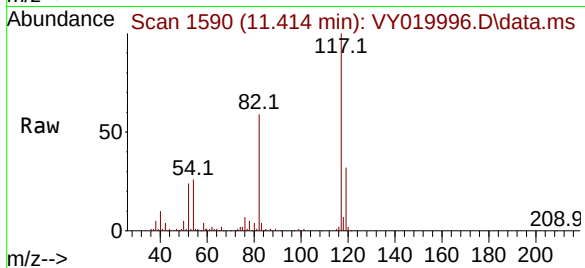
Tgt Ion:117 Resp: 167997

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 32.1 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: VY019996.D

Acq: 23 Oct 2024 15:56

Tgt Ion:152 Resp: 51192

Ion Ratio Lower Upper

152 100

115 64.3 28.2 84.7

150 159.4 0.0 345.6

