

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019875.D
 Acq On : 11 Oct 2024 16:34
 Operator : SY/MD
 Sample : P4385-11
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-6

Quant Time: Oct 14 01:49:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	142729	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	292139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	274324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	101209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121941	69.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.780%
35) Dibromofluoromethane	7.634	113	104277	54.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.180%
50) Toluene-d8	10.109	98	357165	50.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.402	95	119894	46.609	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.220%

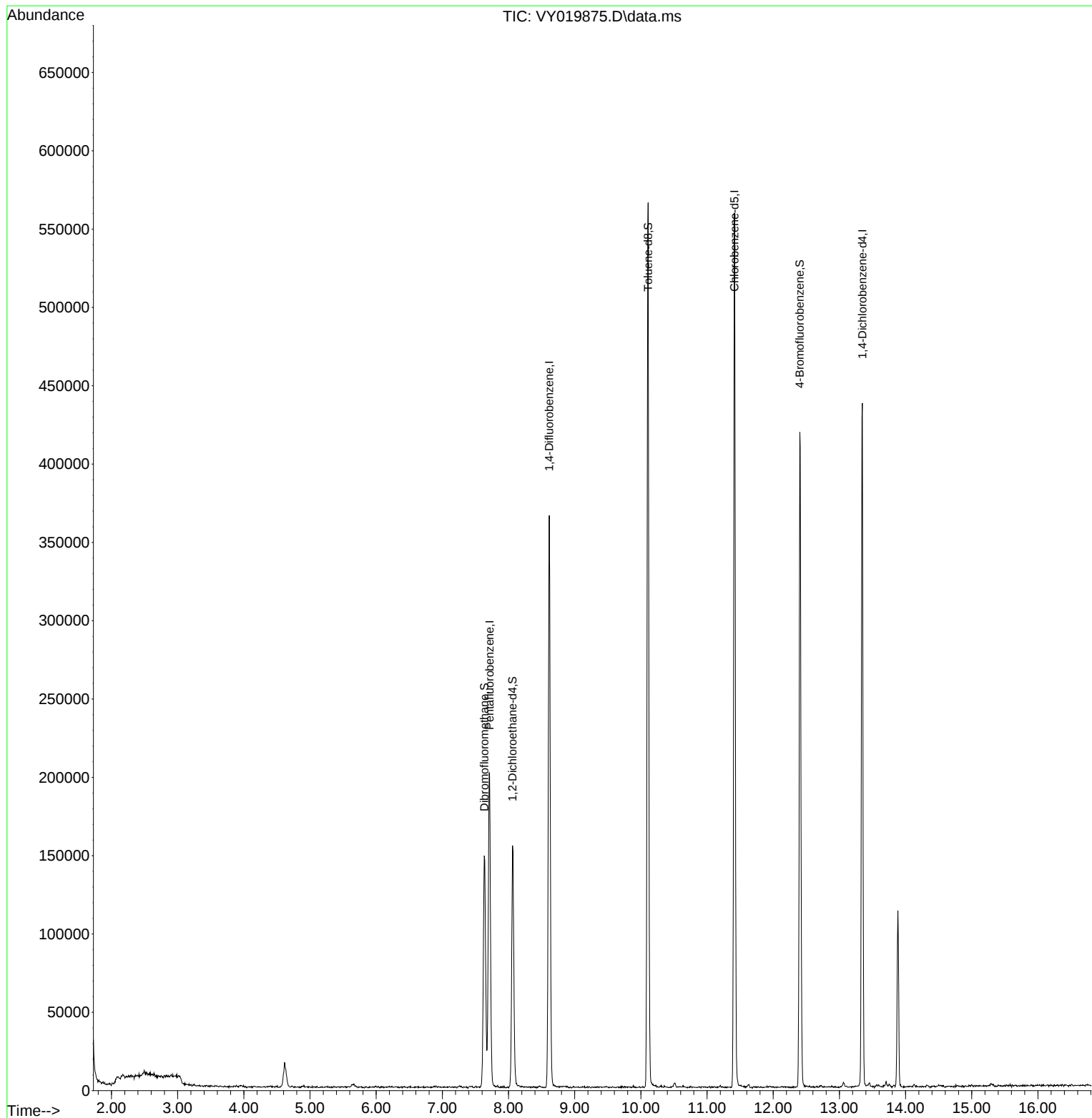
Target Compounds	Qvalue

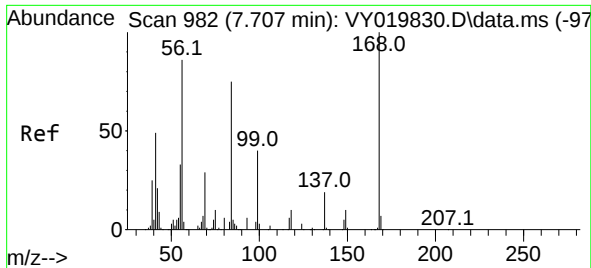
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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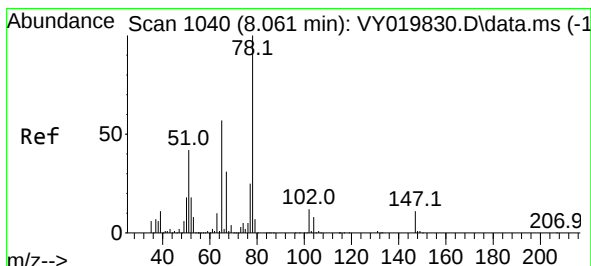
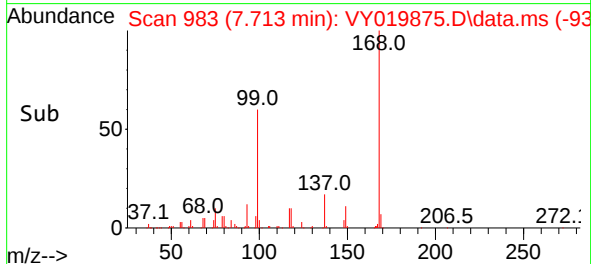
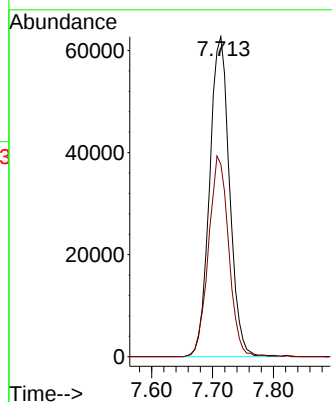
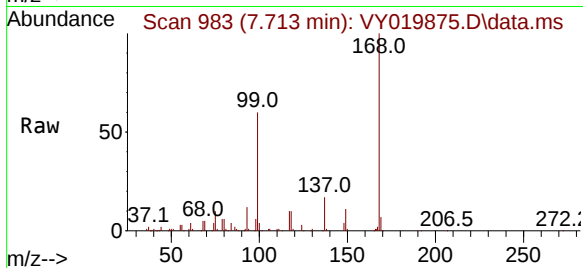




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

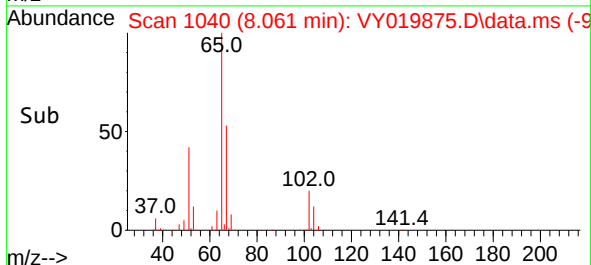
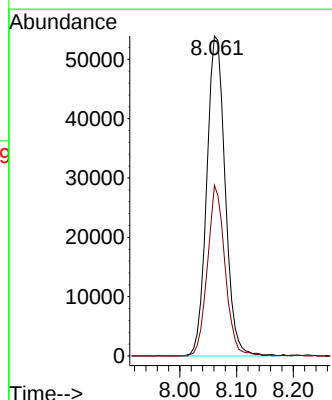
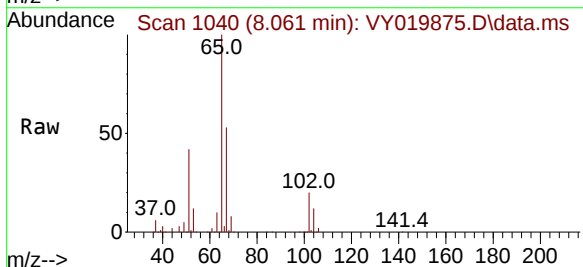
Instrument :
MSVOA_Y
ClientSampleId :
SP-6

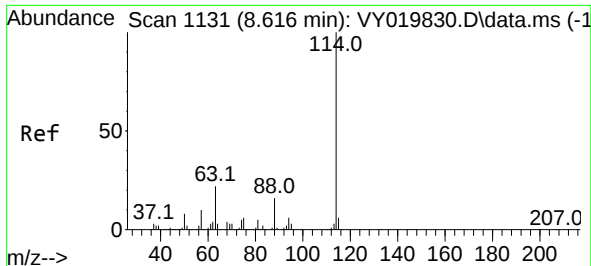
Tgt Ion:168 Resp: 142729
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 69.387 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

Tgt Ion: 65 Resp: 121941
Ion Ratio Lower Upper
65 100
67 50.9 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: VY019875.D

Acq: 11 Oct 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SP-6

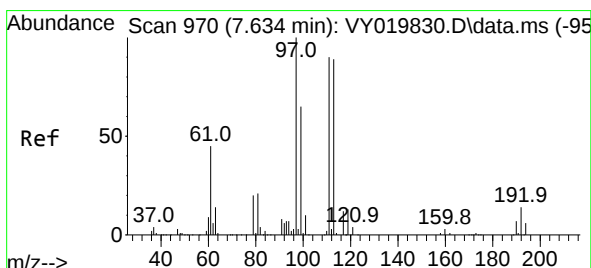
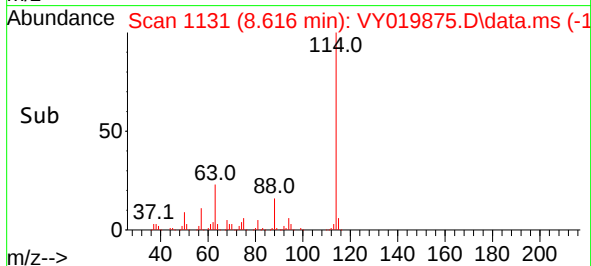
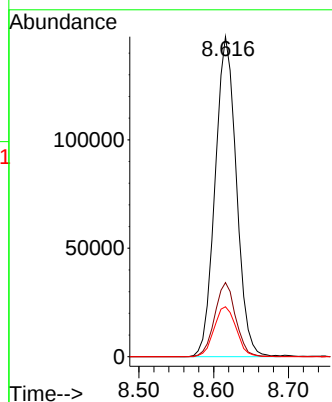
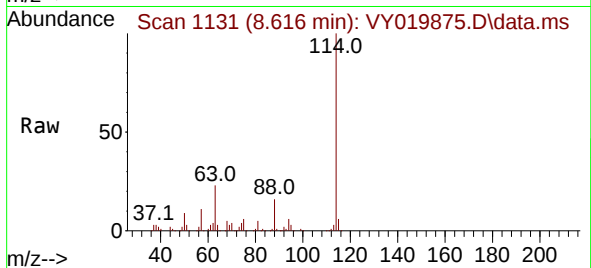
Tgt Ion:114 Resp: 292139

Ion Ratio Lower Upper

114 100

63 23.2 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.091 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019875.D

Acq: 11 Oct 2024 16:34

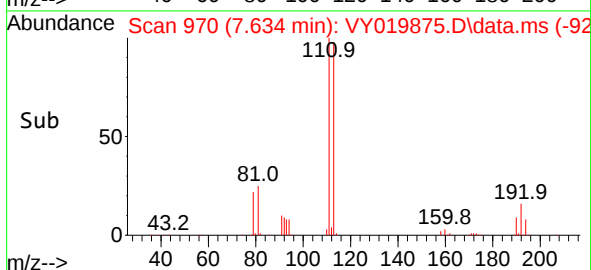
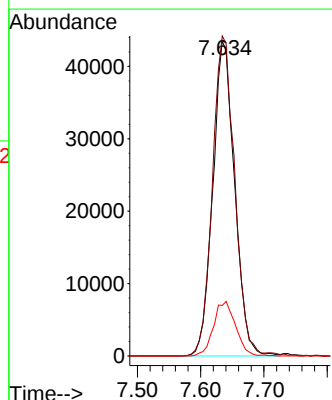
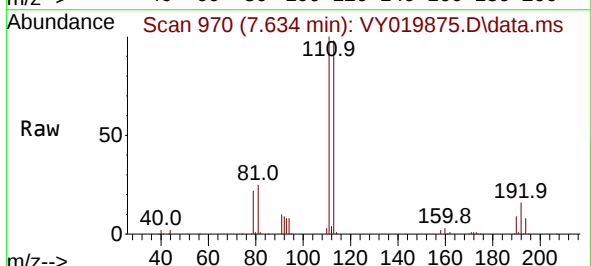
Tgt Ion:113 Resp: 104277

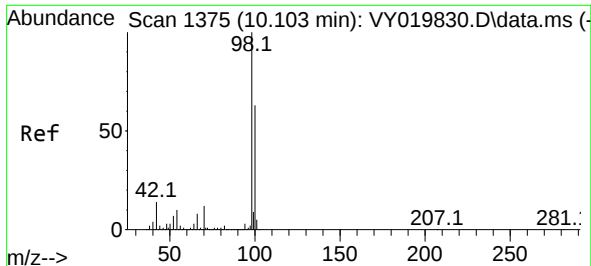
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.5 15.9 23.9

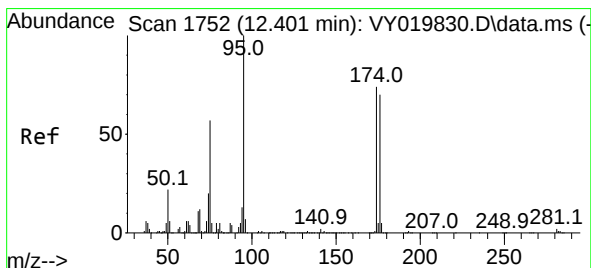
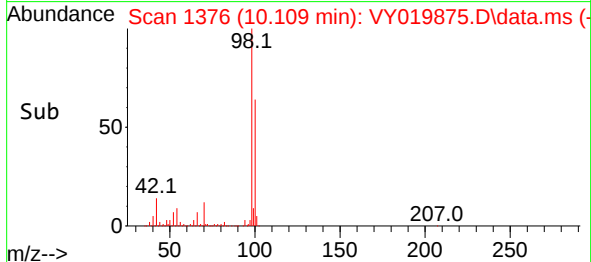
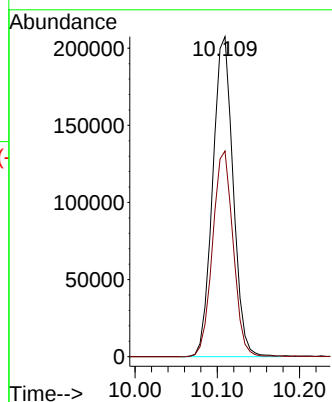
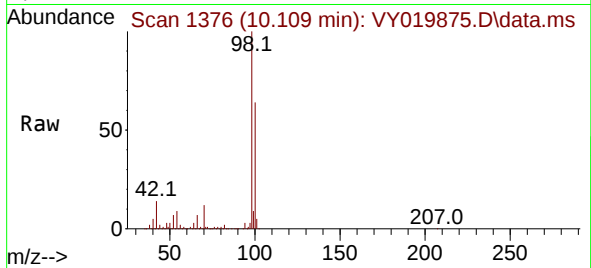




#50
Toluene-d8
Concen: 50.170 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

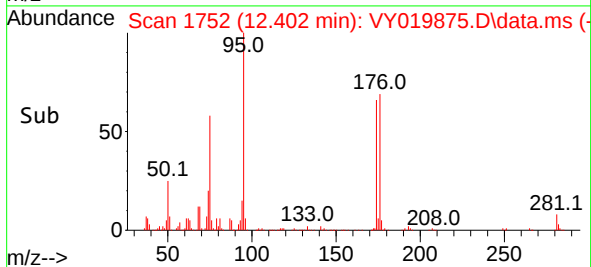
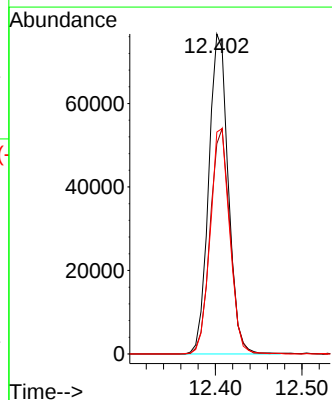
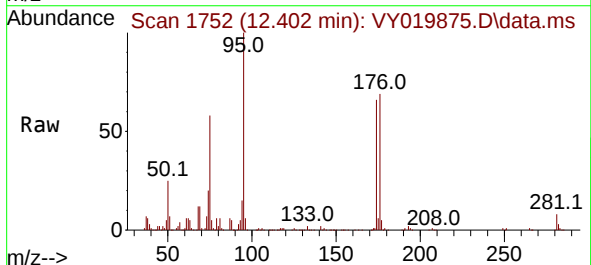
Instrument :
MSVOA_Y
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SP-6

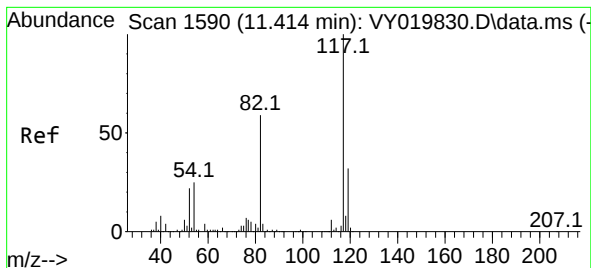
Tgt Ion: 98 Resp: 357165
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.609 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

Tgt Ion: 95 Resp: 119894
Ion Ratio Lower Upper
95 100
174 71.7 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: VY019875.D

Acq: 11 Oct 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SP-6

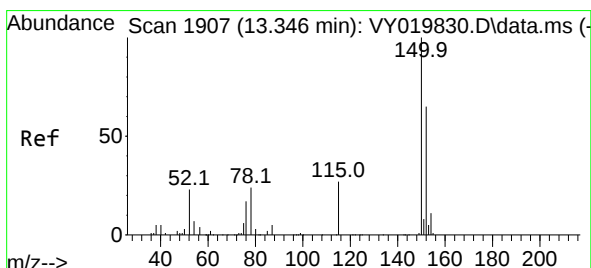
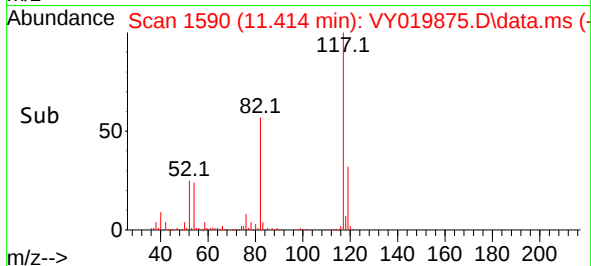
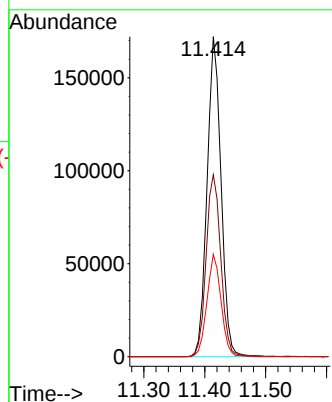
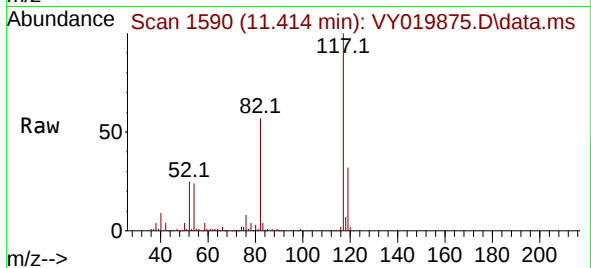
Tgt Ion:117 Resp: 274324

Ion Ratio Lower Upper

117 100

82 56.9 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019875.D

Acq: 11 Oct 2024 16:34

Tgt Ion:152 Resp: 101209

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 159.3 0.0 345.6

