

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020013.D
 Acq On : 24 Oct 2024 16:43
 Operator : SY/MD
 Sample : P4508-11
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F22-VOC

Quant Time: Oct 25 01:42:24 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	7.713	168	192806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	406206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	375874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	134944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154783	65.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.400%
35) Dibromofluoromethane	7.634	113	136942	51.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.180%
50) Toluene-d8	10.109	98	501849	50.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.402	95	154268	43.131	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.260%

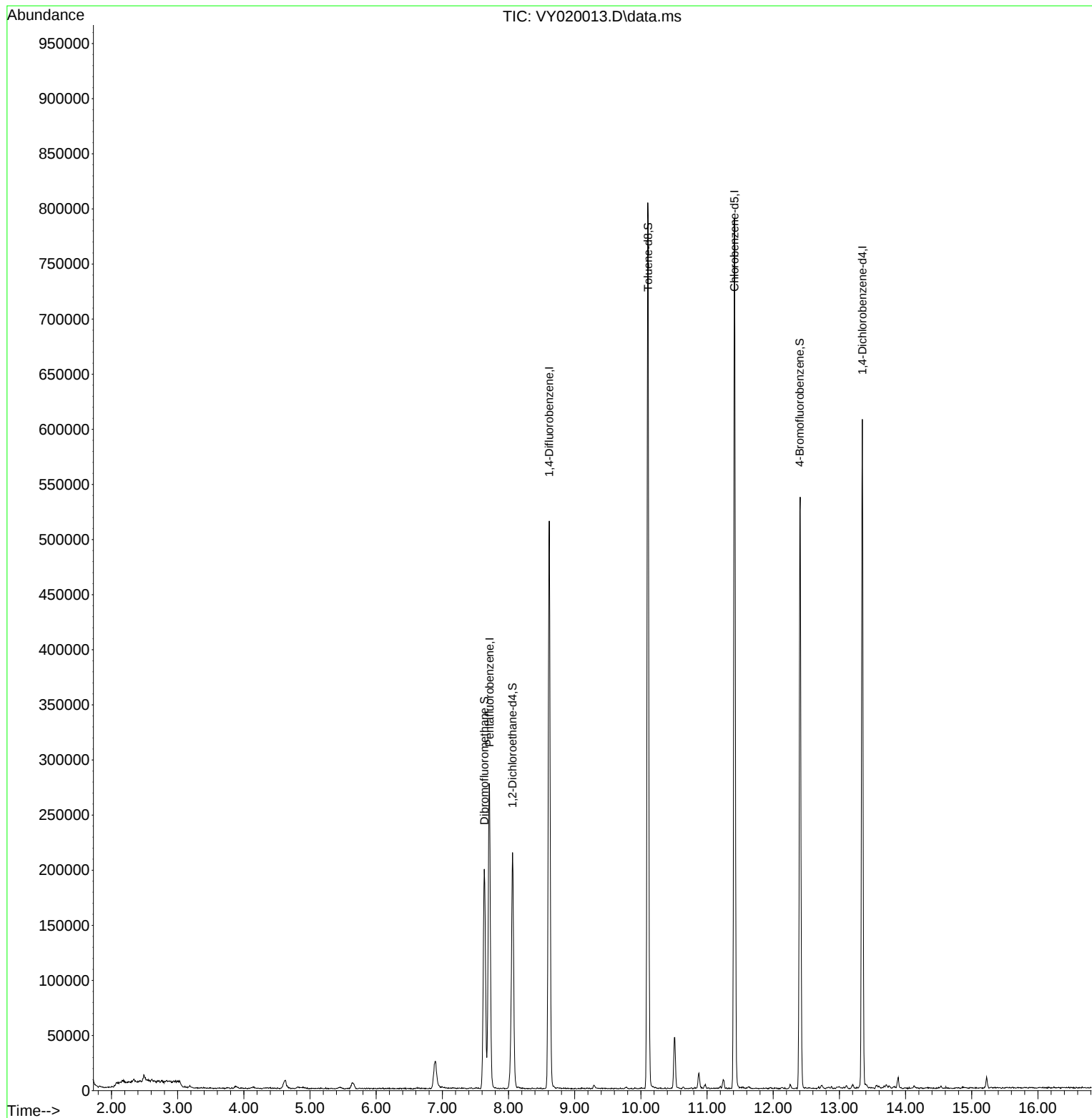
Target Compounds	Qvalue

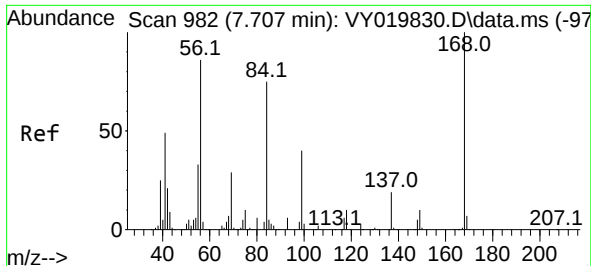
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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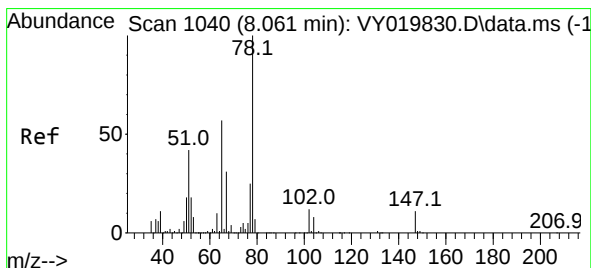
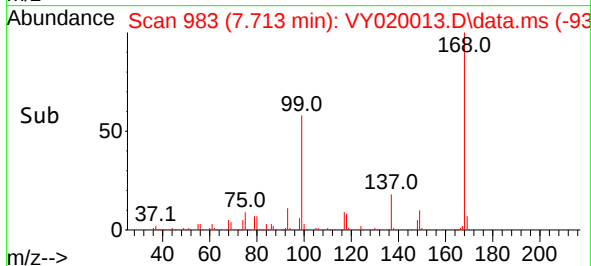
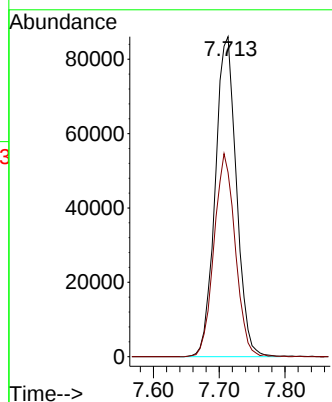
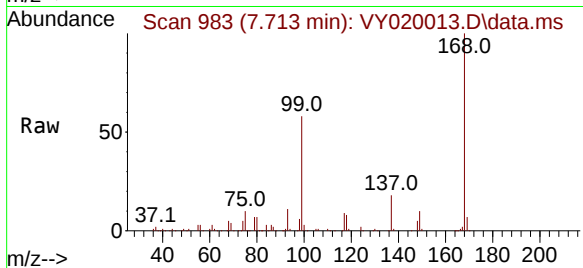




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020013.D
Acq: 24 Oct 2024 16:43

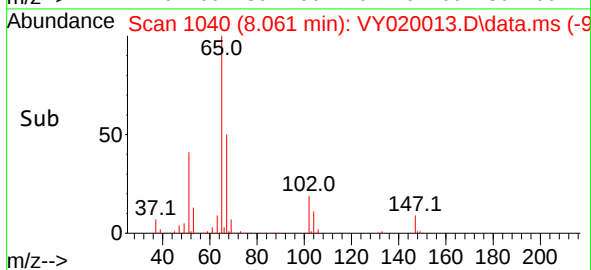
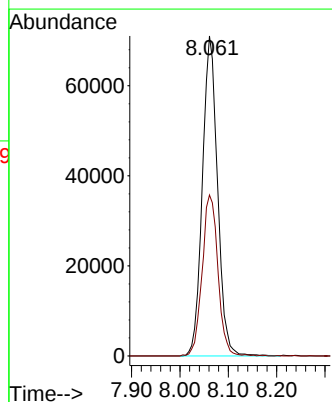
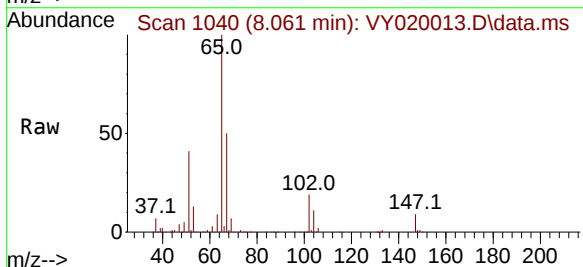
Instrument :
MSVOA_Y
ClientSampleId :
BP-F22-VOC

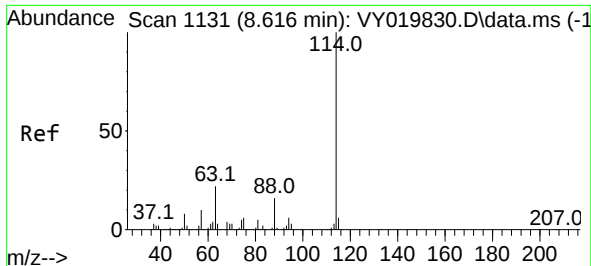
Tgt Ion:168 Resp: 192806
Ion Ratio Lower Upper
168 100
99 57.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 65.199 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020013.D
Acq: 24 Oct 2024 16:43

Tgt Ion: 65 Resp: 154783
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

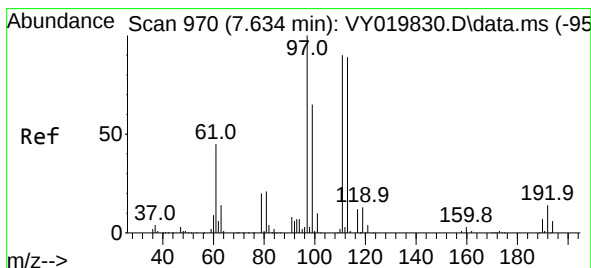
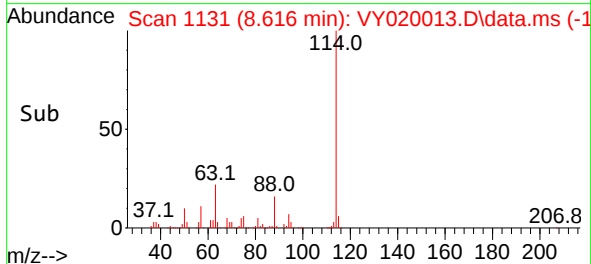
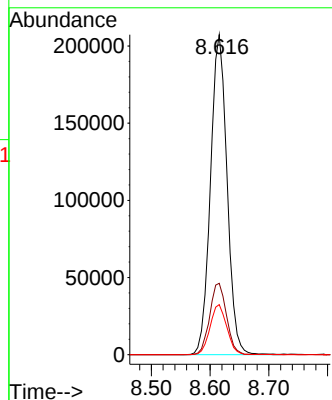
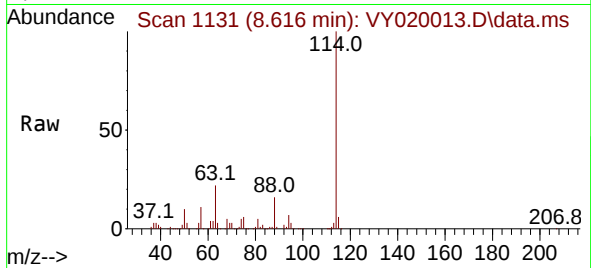




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020013.D
Acq: 24 Oct 2024 16:43

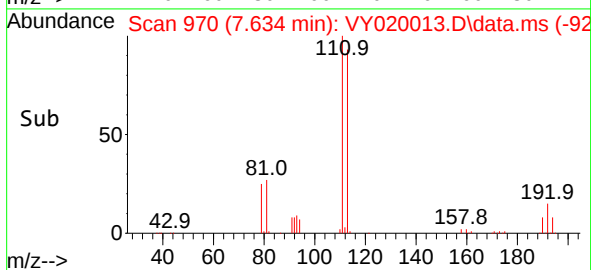
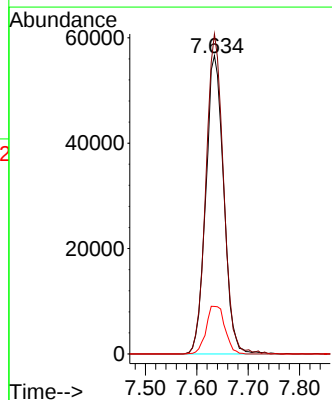
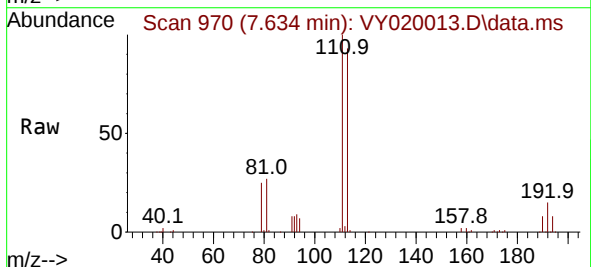
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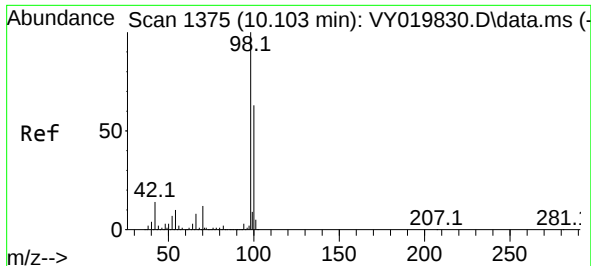
Tgt Ion:114 Resp: 406206
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020013.D
Acq: 24 Oct 2024 16:43

Tgt Ion:113 Resp: 136942
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.4
192 16.7 15.9 23.9

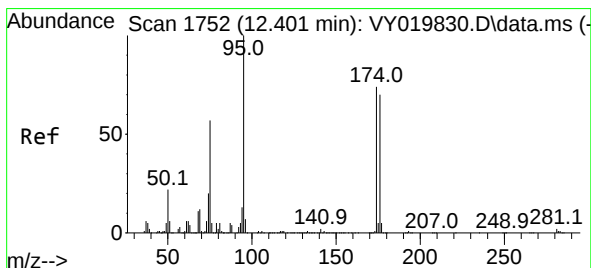
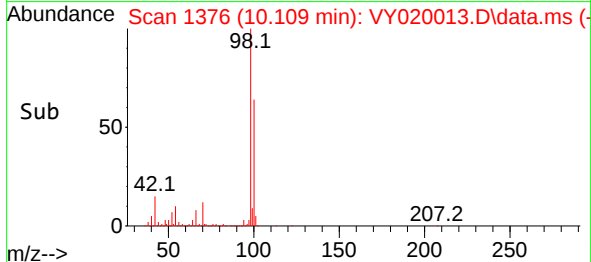
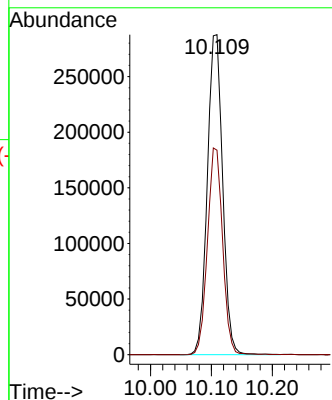
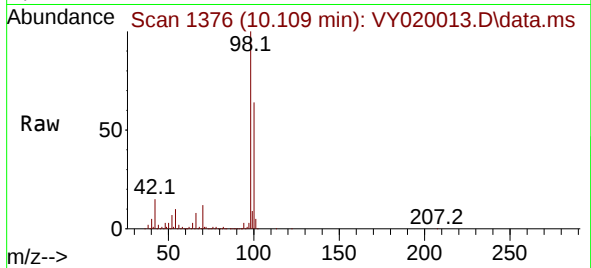




#50
Toluene-d8
Concen: 50.698 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020013.D
Acq: 24 Oct 2024 16:43

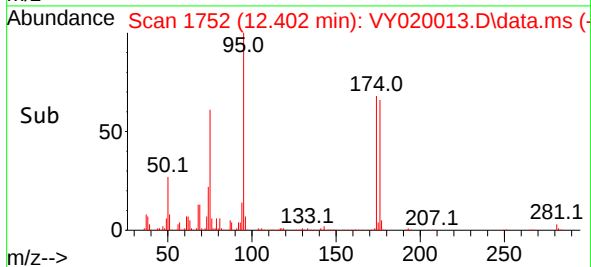
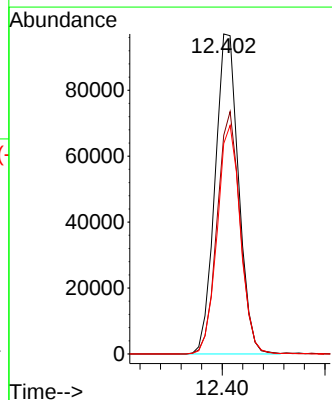
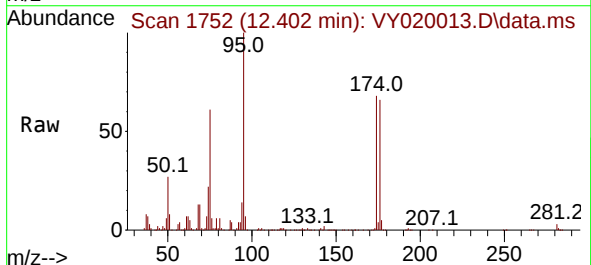
Instrument :
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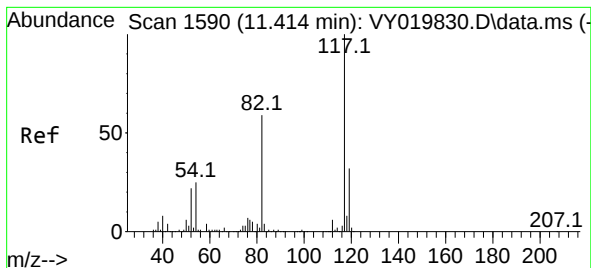
Tgt Ion: 98 Resp: 501849
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.131 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020013.D
Acq: 24 Oct 2024 16:43

Tgt Ion: 95 Resp: 154268
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 70.4 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: VY020013.D

Acq: 24 Oct 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

BP-F22-VOC

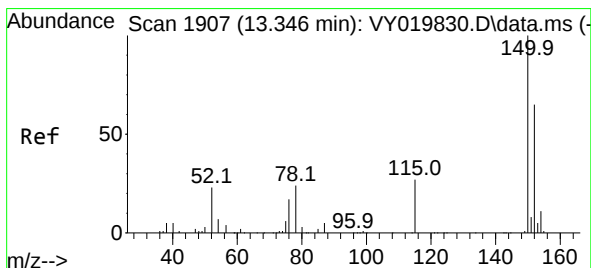
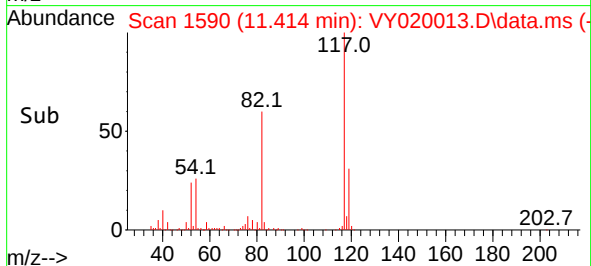
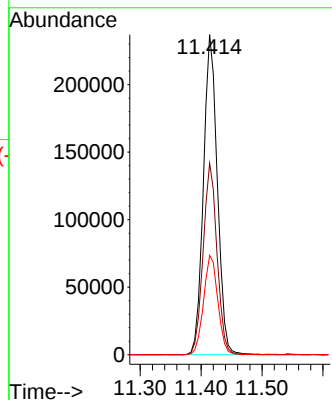
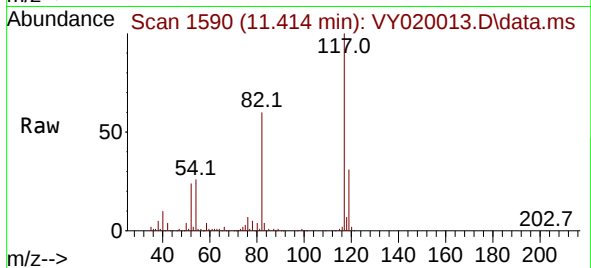
Tgt Ion:117 Resp: 375874

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.0 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: VY020013.D

Acq: 24 Oct 2024 16:43

Tgt Ion:152 Resp: 134944

Ion Ratio Lower Upper

152 100

115 63.5 28.2 84.7

150 158.8 0.0 345.6

