

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020168.D
 Acq On : 05 Nov 2024 15:42
 Operator : SY/MD
 Sample : P4711-07
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-613-VOC-17

Quant Time: Nov 06 00:27:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

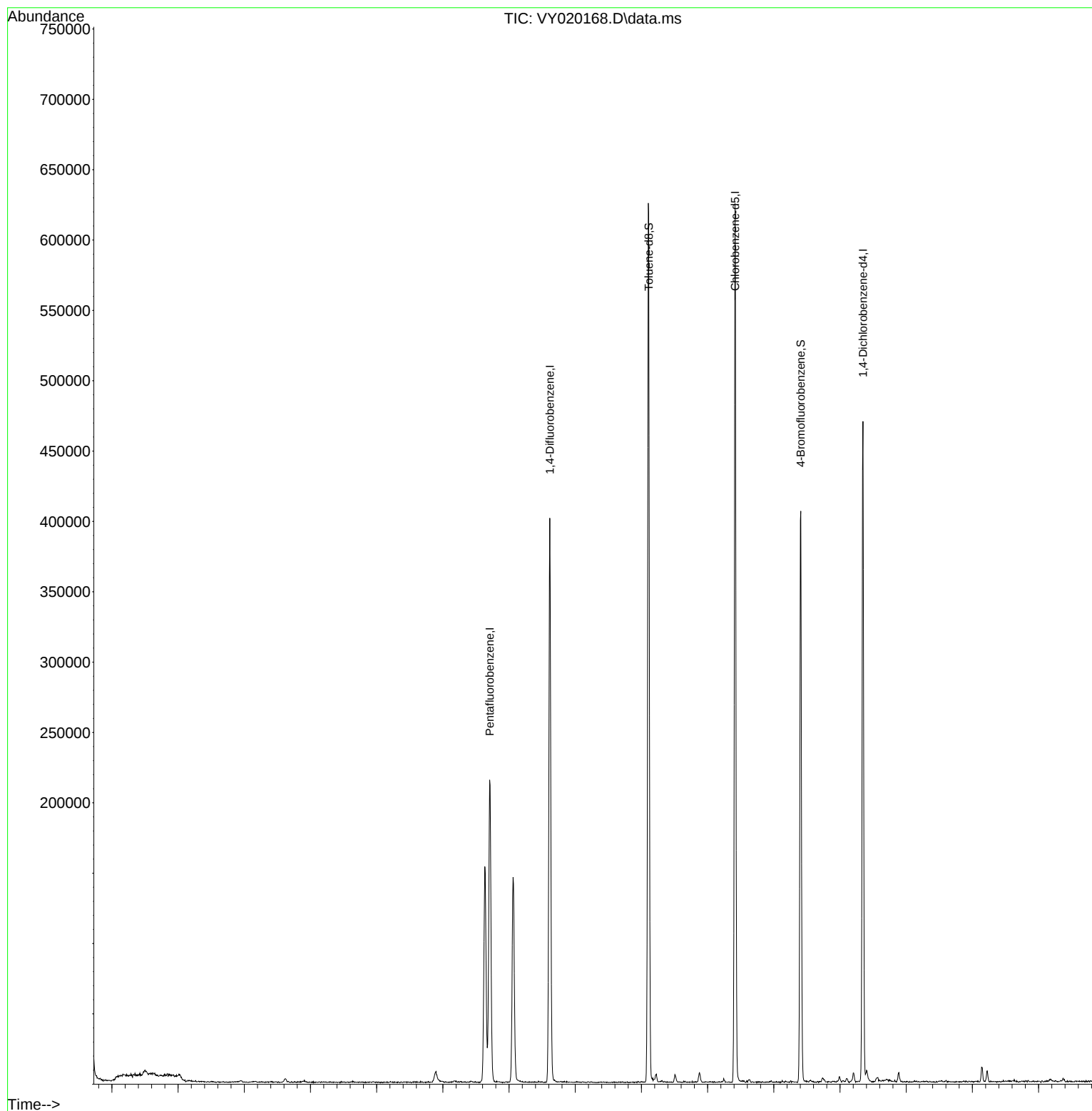
Internal Standards						
1) Pentafluorobenzene	7.707	168	149347	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	311700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	105690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113809	61.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.120%
35) Dibromofluoromethane	7.634	113	105112	53.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.080%
50) Toluene-d8	10.109	98	388106	49.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.408	95	118844	46.383	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.760%
Target Compounds						
95) Naphthalene	15.145	128	7477	2.469	ug/l	# Qvalue 94

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

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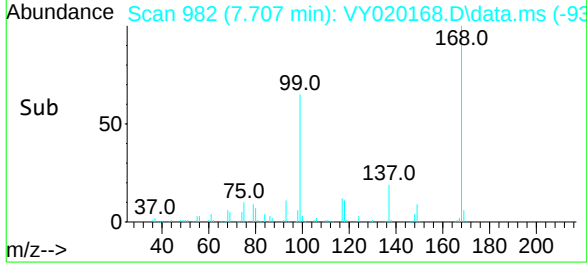
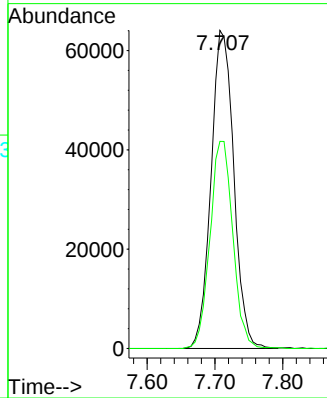
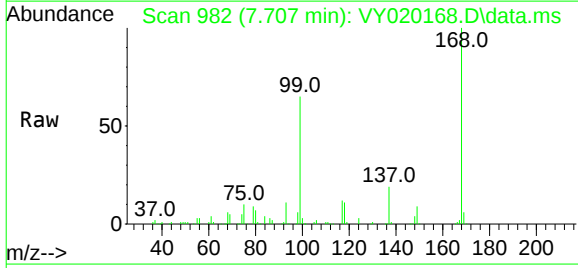




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

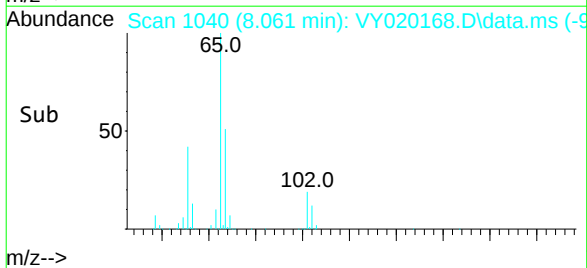
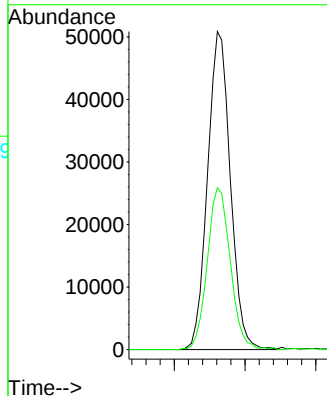
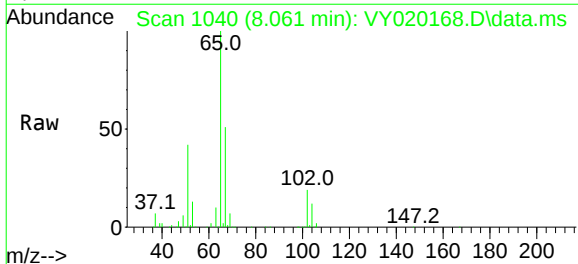
Instrument :
MSVOA_Y
ClientSampleId :
CF-613-VOC-17

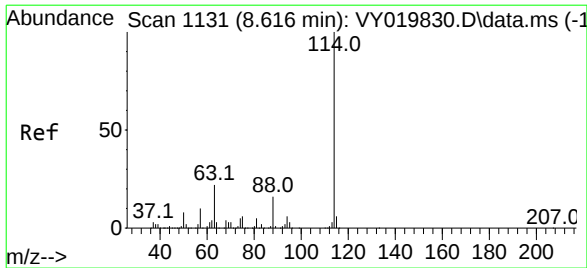
Tgt Ion:168 Resp: 149347
Ion Ratio Lower Upper
168 100
99 65.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.058 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

Tgt Ion: 65 Resp: 113809
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

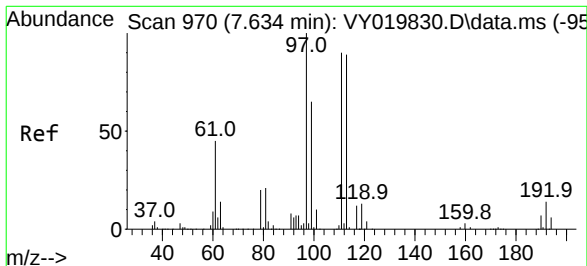
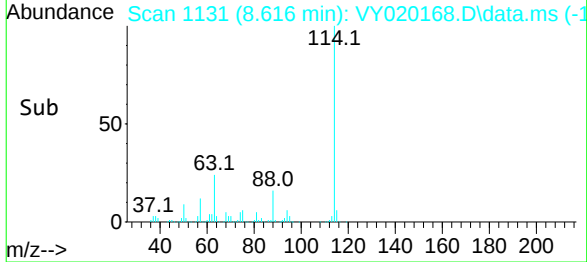
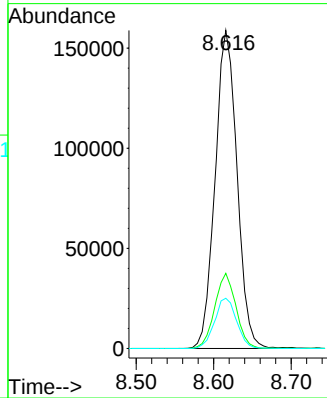
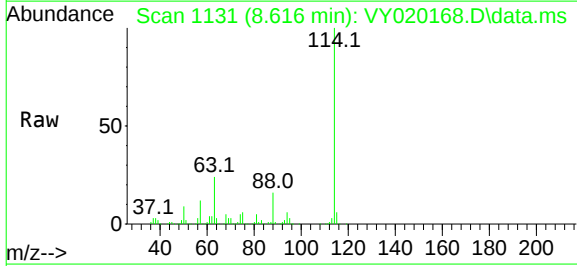




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

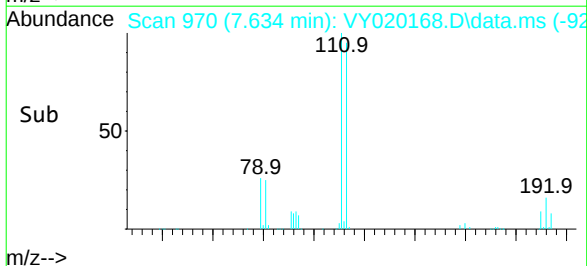
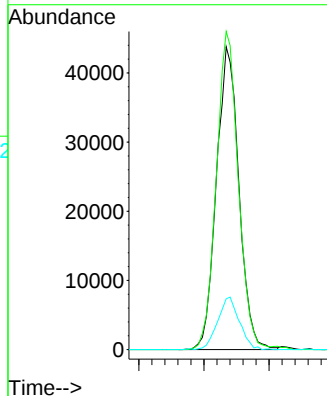
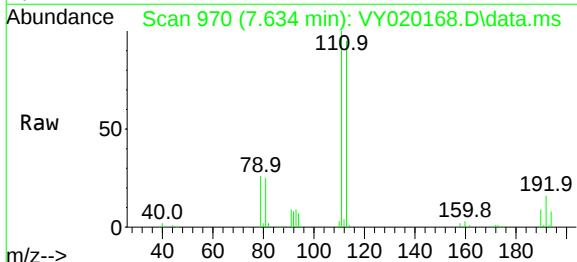
Instrument :
MSVOA_Y
ClientSampleId :
CF-613-VOC-17

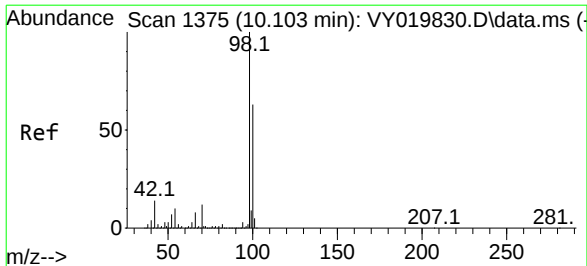
Tgt Ion:114 Resp: 311700
Ion Ratio Lower Upper
114 100
63 23.6 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.039 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

Tgt Ion:113 Resp: 105112
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.7 15.9 23.9





#50

Toluene-d8

Concen: 49.199 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020168.D

Acq: 05 Nov 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

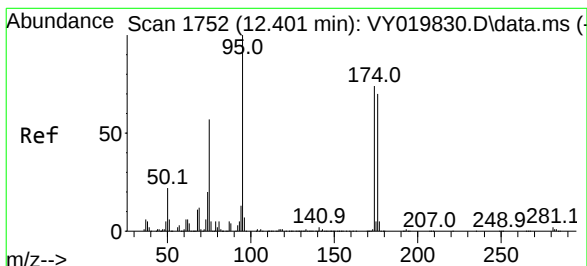
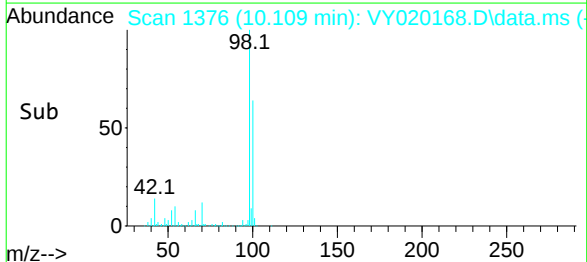
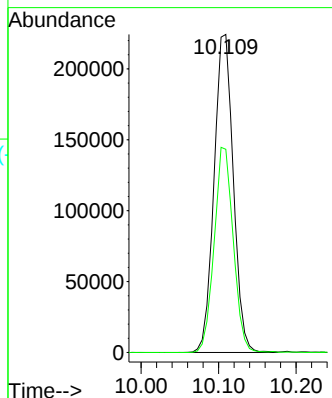
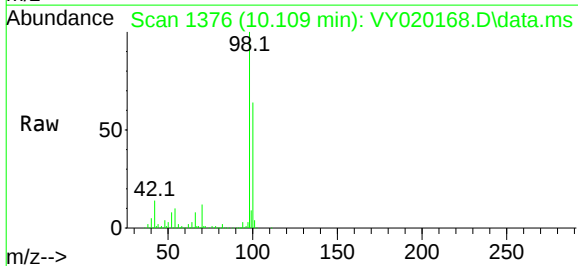
CF-613-VOC-17

Tgt Ion: 98 Resp: 388106

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.383 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020168.D

Acq: 05 Nov 2024 15:42

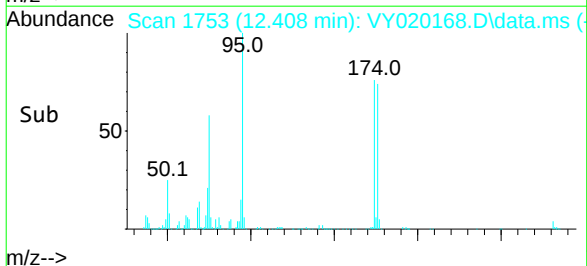
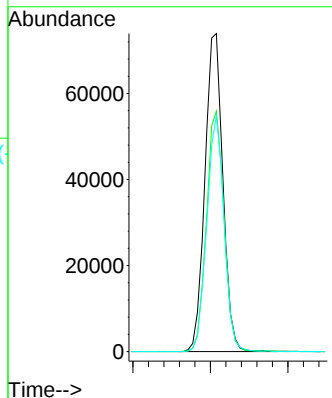
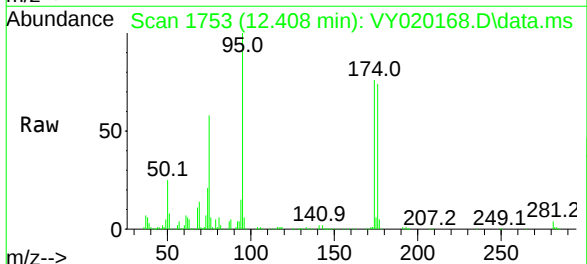
Tgt Ion: 95 Resp: 118844

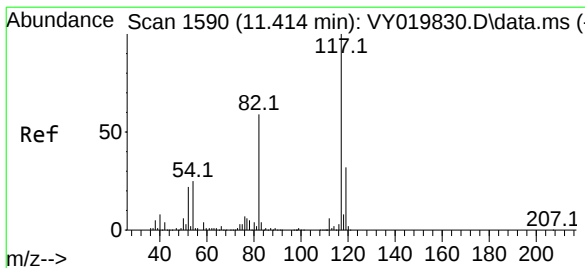
Ion Ratio Lower Upper

95 100

174 74.2 0.0 175.6

176 71.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020168.D

Acq: 05 Nov 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

CF-613-VOC-17

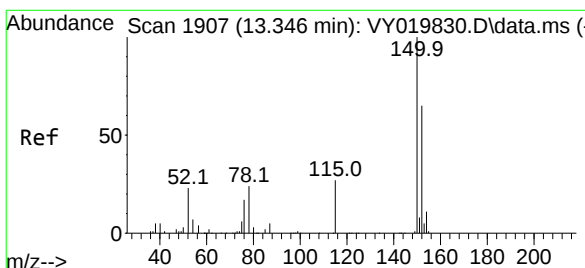
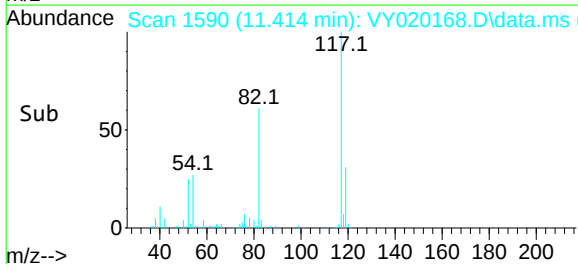
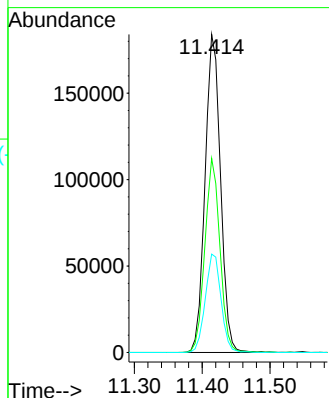
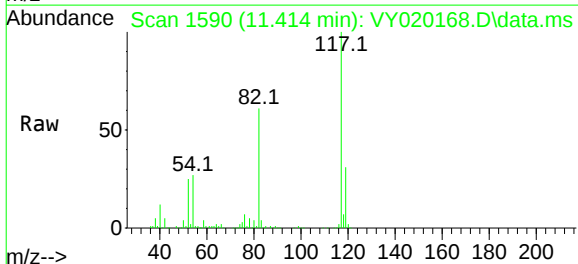
Tgt Ion:117 Resp: 291076

Ion Ratio Lower Upper

117 100

82 61.0 42.4 63.6

119 30.9 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: VY020168.D

Acq: 05 Nov 2024 15:42

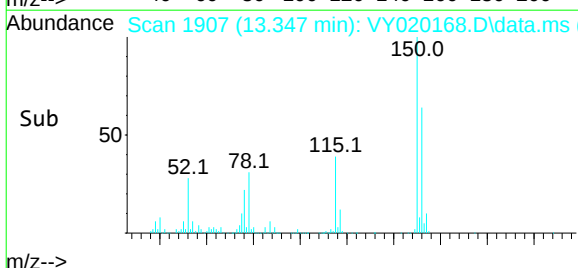
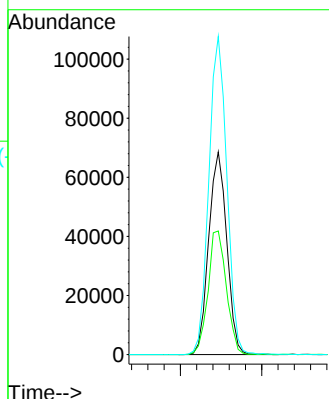
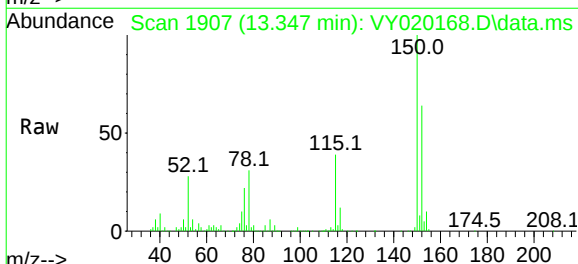
Tgt Ion:152 Resp: 105690

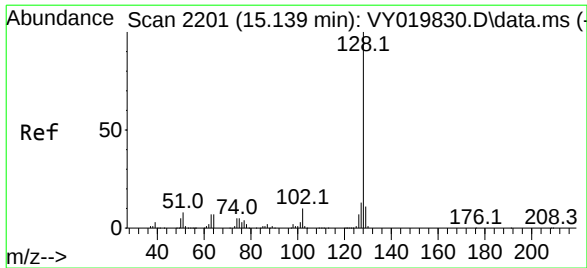
Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

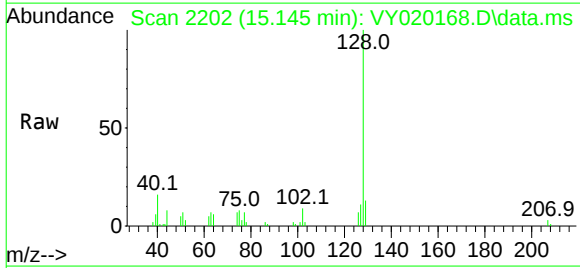
150 156.8 0.0 345.6





#95
Naphthalene
Concen: 2.469 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY020168.D
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Tgt Ion:128 Resp: 7477
Ion Ratio Lower Upper
128 100
127 16.5 10.6 16.0#
129 12.2 8.6 13.0

