

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020269.D
 Acq On : 12 Nov 2024 15:48
 Operator : SY/MD
 Sample : P4807-07
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BF-F14-VOC

Quant Time: Nov 13 00:36:53 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)

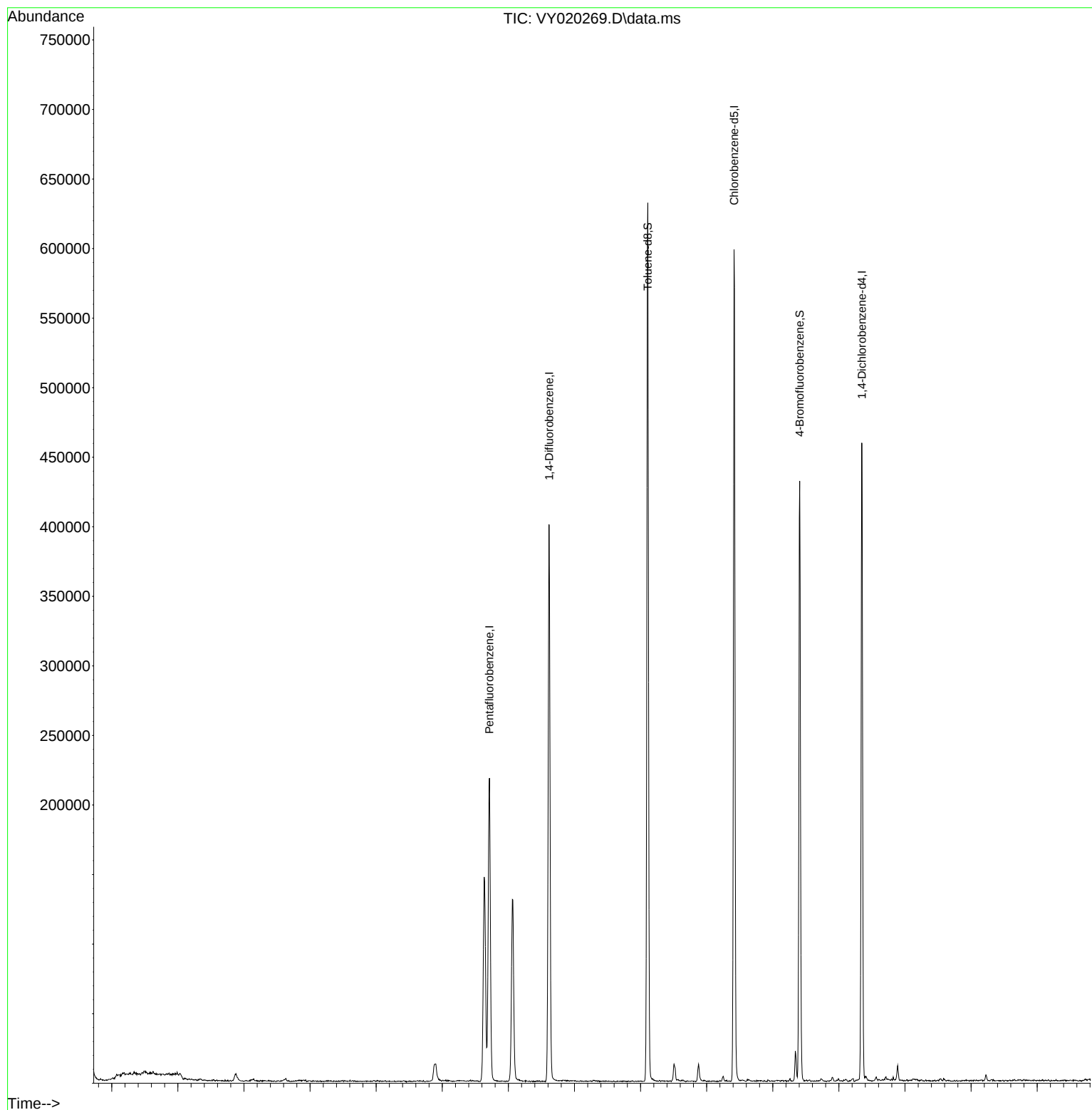
Internal Standards						
1) Pentafluorobenzene	7.713	168	147318	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	314216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	288952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	101502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103192	56.125	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	112.240%	
35) Dibromofluoromethane	7.634	113	104363	52.240	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	104.480%	
50) Toluene-d8	10.109	98	394150	49.566	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.140%	
62) 4-Bromofluorobenzene	12.408	95	124337	48.138	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	96.280%	
Target Compounds						
16) Acetone	3.866	43	10329	24.157	ug/l	Qvalue 94

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

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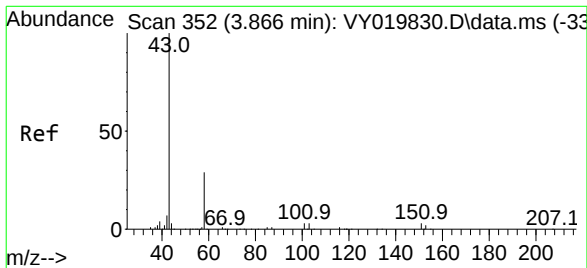
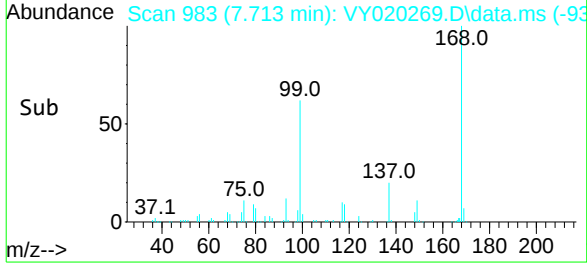
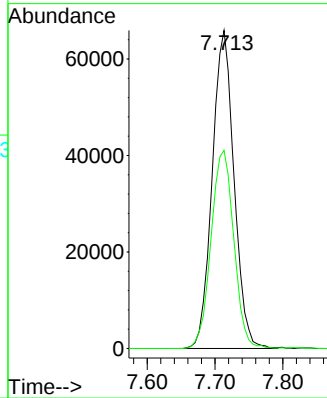
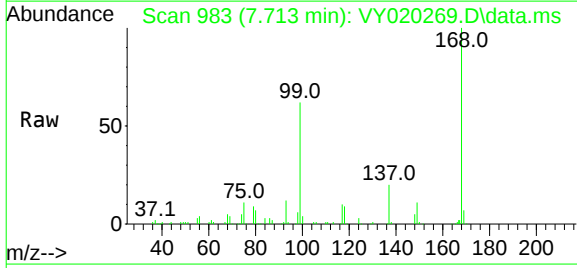




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

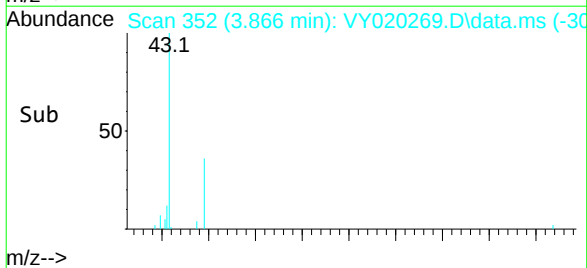
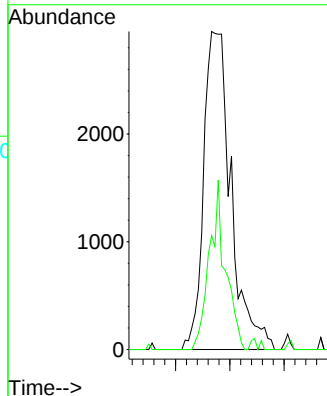
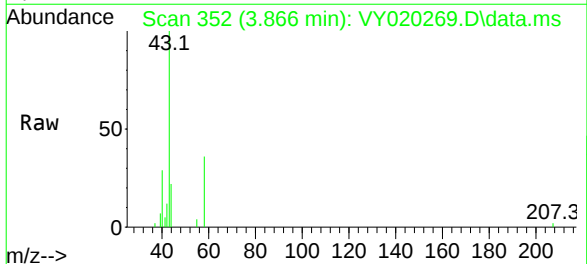
Instrument :
MSVOA_Y
ClientSampleId :
BF-F14-VOC

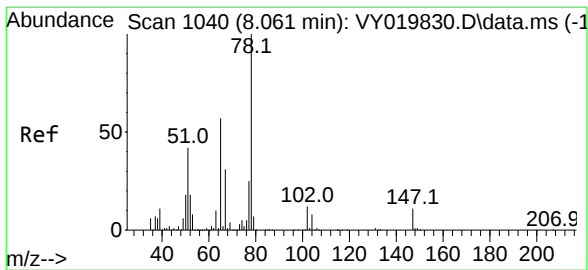
Tgt Ion:168 Resp: 147318
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#16
Acetone
Concen: 24.157 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

Tgt Ion: 43 Resp: 10329
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 56.125 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020269.D

Acq: 12 Nov 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

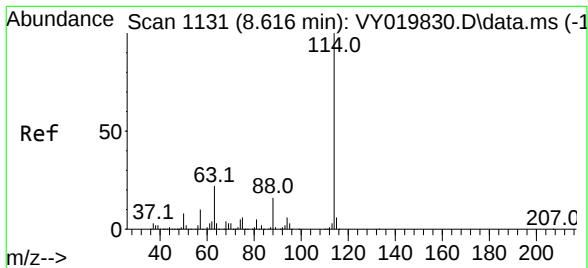
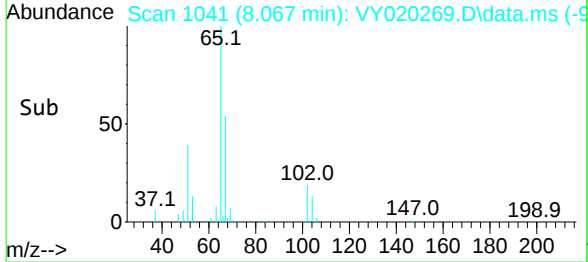
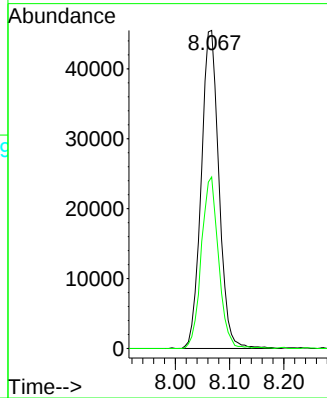
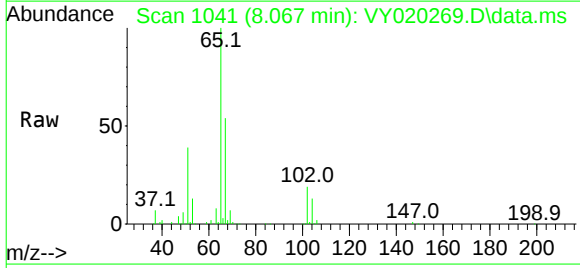
BF-F14-VOC

Tgt Ion: 65 Resp: 103192

Ion Ratio Lower Upper

65 100

67 52.4 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: VY020269.D

Acq: 12 Nov 2024 15:48

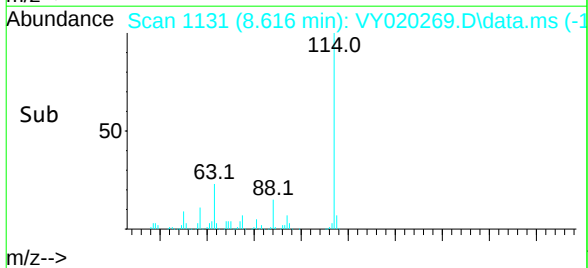
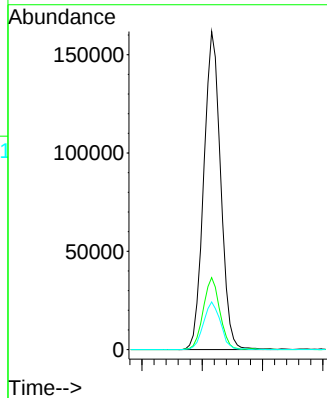
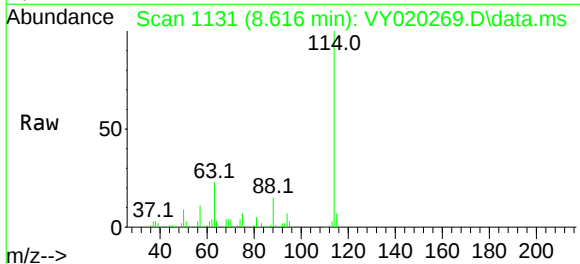
Tgt Ion: 114 Resp: 314216

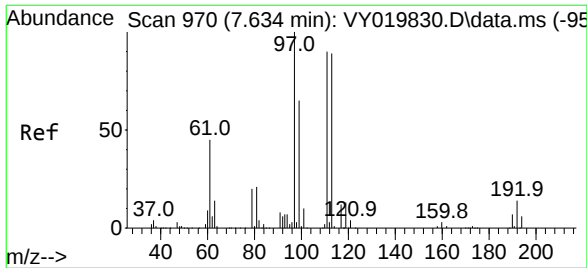
Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

88 15.0 0.0 27.2

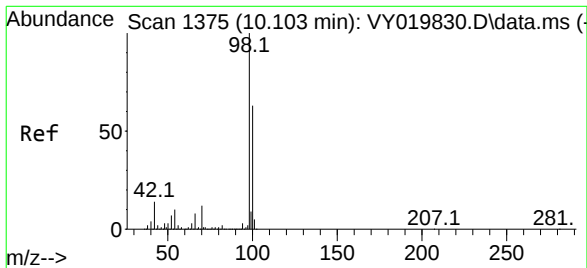
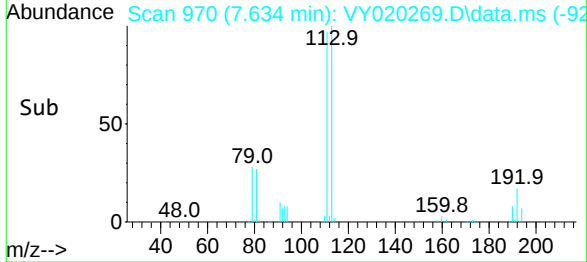
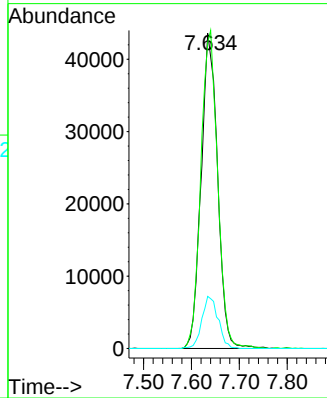
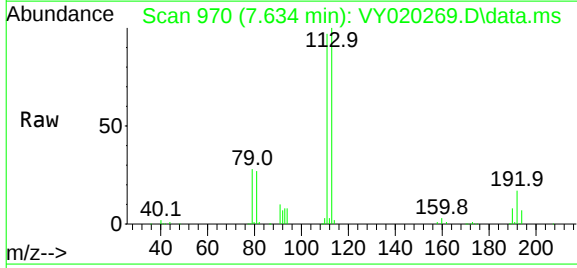




#35
Dibromofluoromethane
Concen: 52.240 ug/l
RT: 7.634 min Scan# 97
Delta R.T. 0.000 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

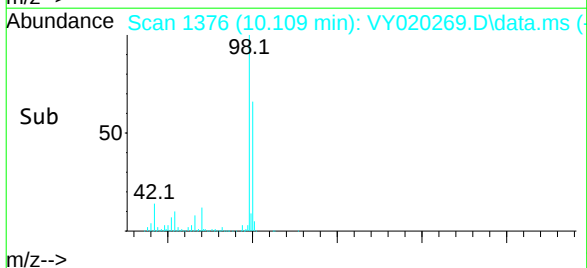
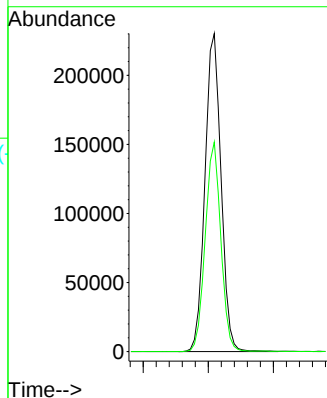
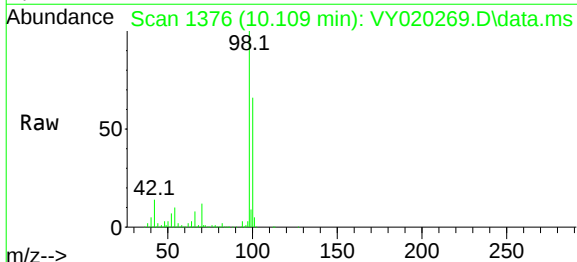
Instrument :
MSVOA_Y
ClientSampleId :
BF-F14-VOC

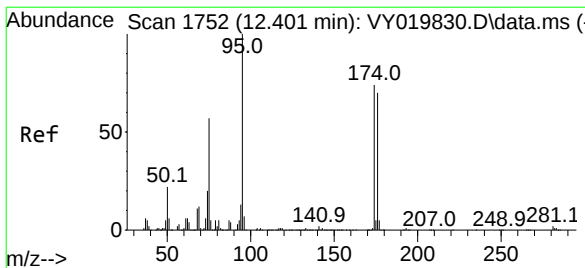
Tgt Ion:113 Resp: 104363
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 16.3 15.9 23.9



#50
Toluene-d8
Concen: 49.566 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

Tgt Ion: 98 Resp: 394150
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 48.138 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020269.D

Acq: 12 Nov 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

BF-F14-VOC

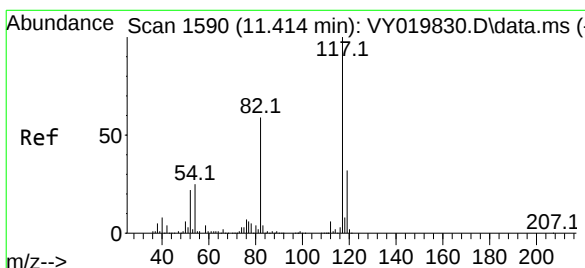
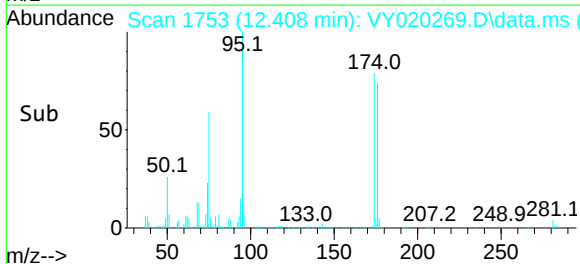
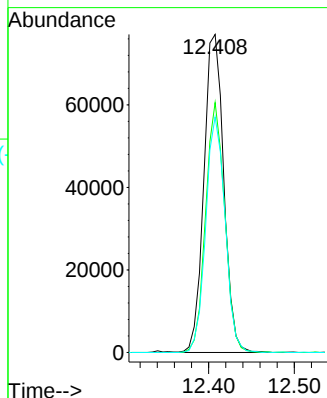
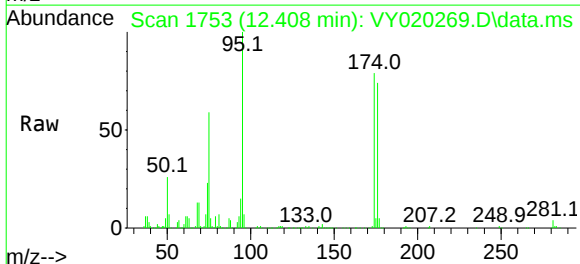
Tgt Ion: 95 Resp: 124337

Ion Ratio Lower Upper

95 100

174 75.3 0.0 175.6

176 71.9 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: VY020269.D

Acq: 12 Nov 2024 15:48

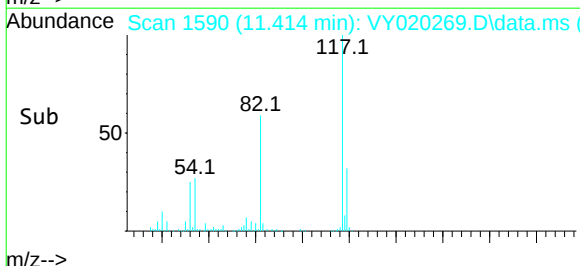
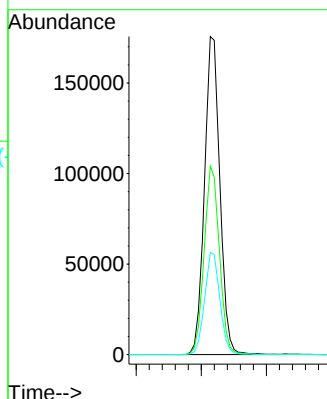
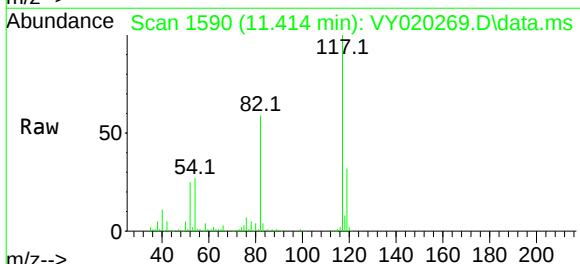
Tgt Ion: 117 Resp: 288952

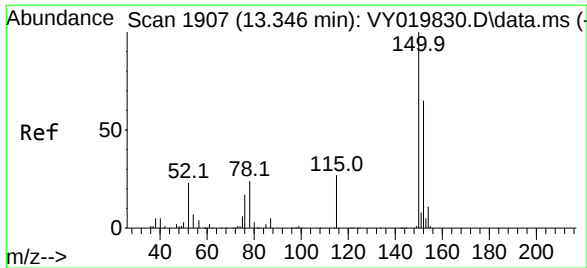
Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

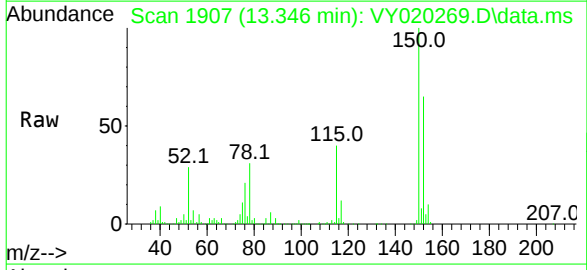
119 32.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020269.D
 Acq: 12 Nov 2024 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 BF-F14-VOC



Tgt Ion:	152	Resp:	101502
Ion	Ratio	Lower	Upper
152	100		
115	62.9	28.2	84.7
150	156.4	0.0	345.6

