

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020169.D
 Acq On : 05 Nov 2024 16:05
 Operator : SY/MD
 Sample : P4701-03
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F3-VOC

Quant Time: Nov 06 00:27:37 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)

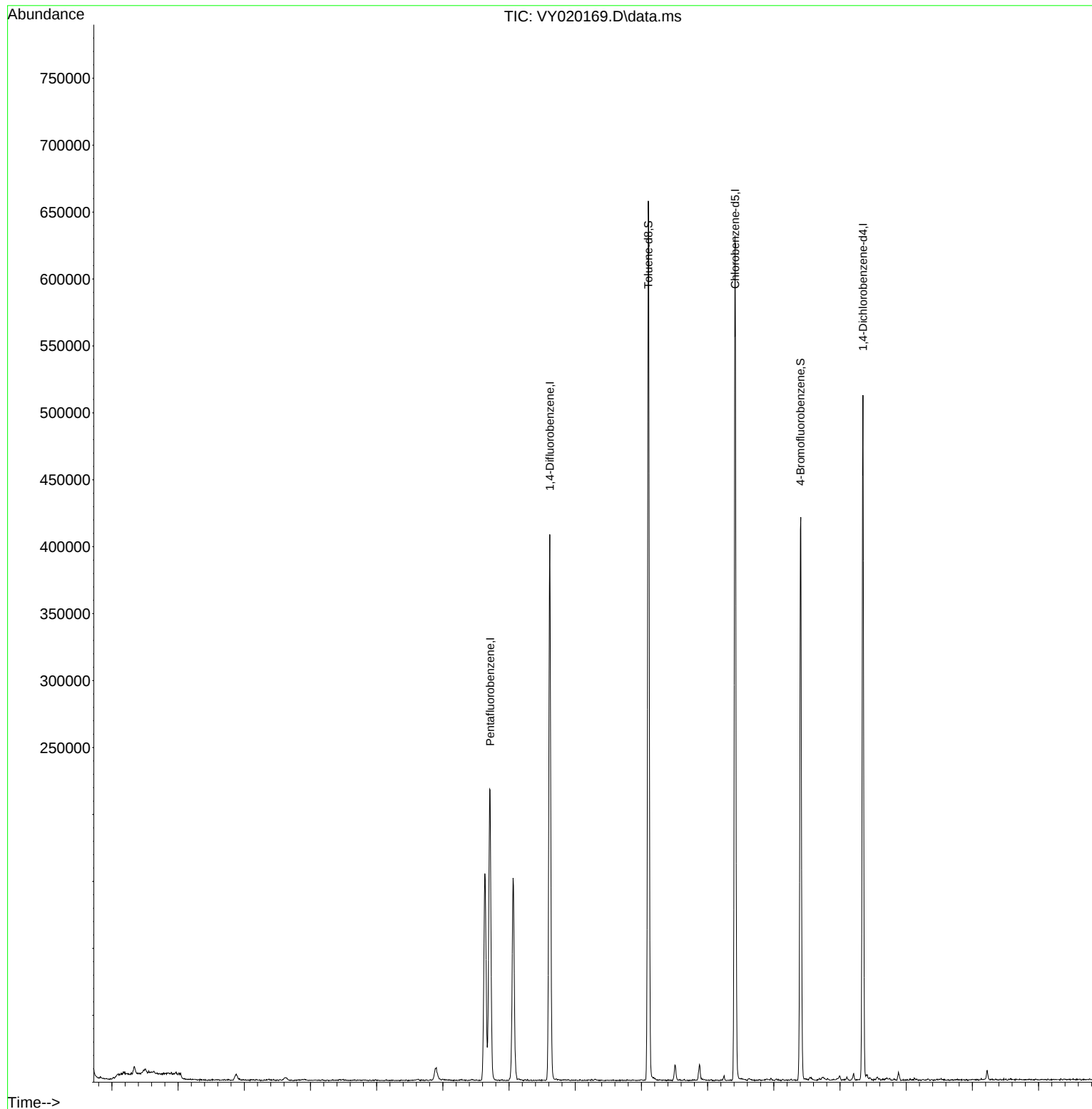
Internal Standards						
1) Pentafluorobenzene	7.713	168	151740	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	318057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	301772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114679	60.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.100%
35) Dibromofluoromethane	7.634	113	109942	54.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.103	98	406110	50.453	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.401	95	125122	47.857	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.720%
Target Compounds						
16) Acetone	3.873	43	8145	18.494	ug/l	Qvalue 87

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

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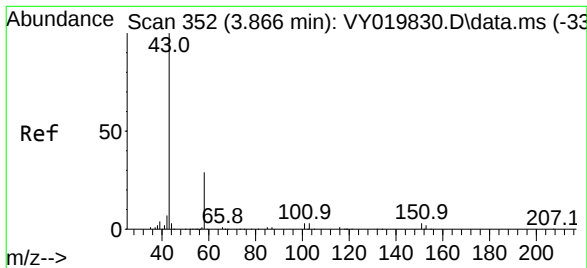
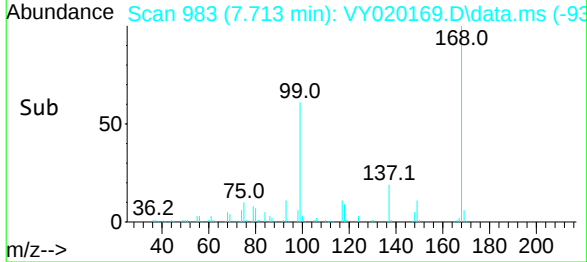
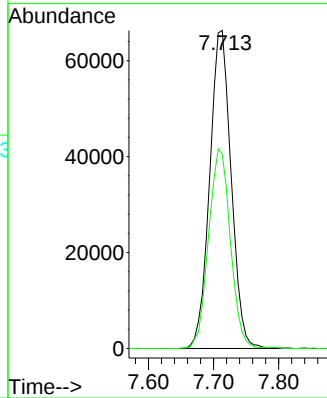
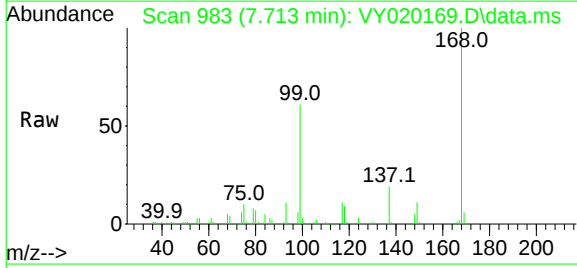




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

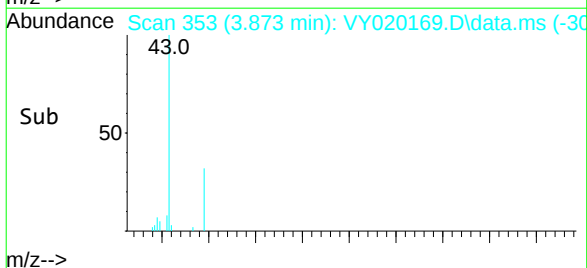
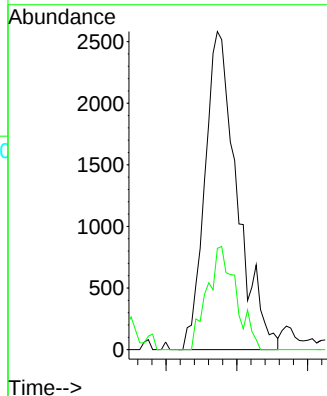
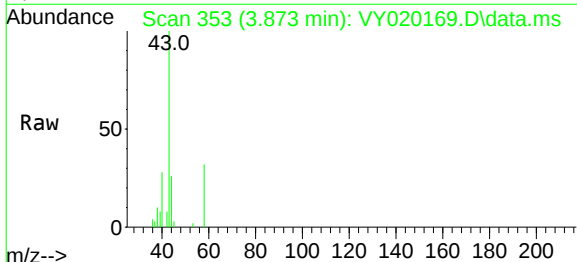
Instrument :
MSVOA_Y
ClientSampleId :
BP-F3-VOC

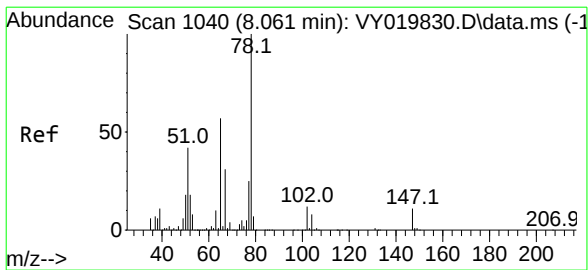
Tgt Ion: 168 Resp: 151740
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#16
Acetone
Concen: 18.494 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

Tgt Ion: 43 Resp: 8145
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5

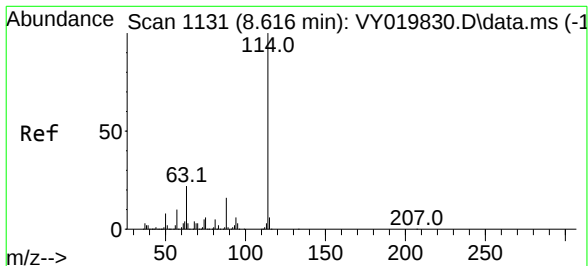
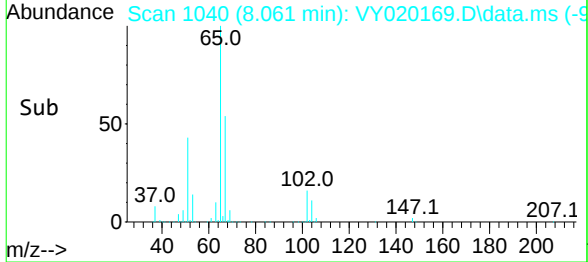
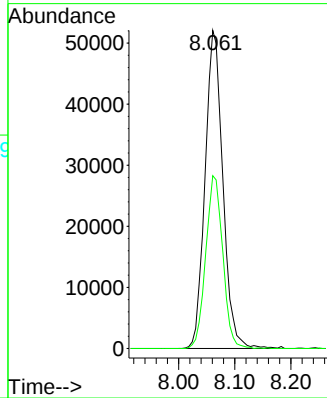
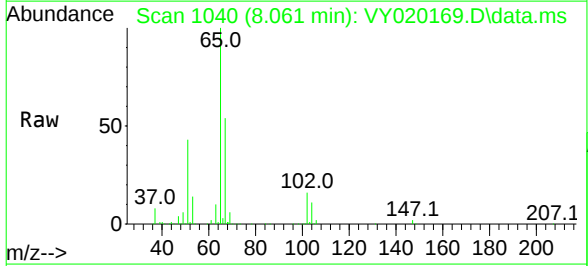




#33
1,2-Dichloroethane-d4
Concen: 60.555 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

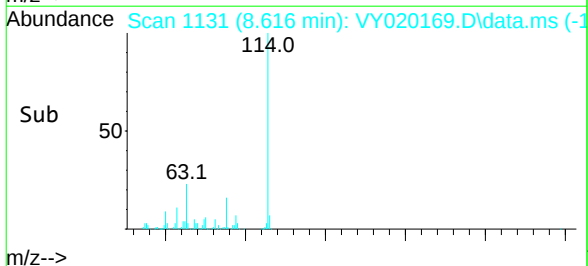
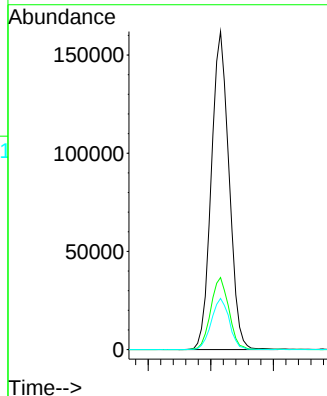
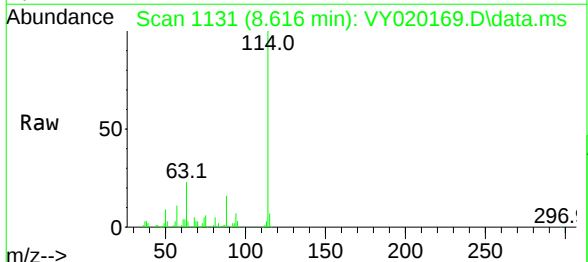
Instrument :
MSVOA_Y
ClientSampleId :
BP-F3-VOC

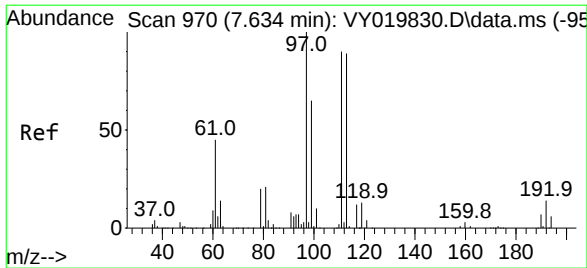
Tgt Ion: 65 Resp: 114679
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

Tgt Ion: 114 Resp: 318057
Ion Ratio Lower Upper
114 100
63 22.7 0.0 35.0
88 16.1 0.0 27.2

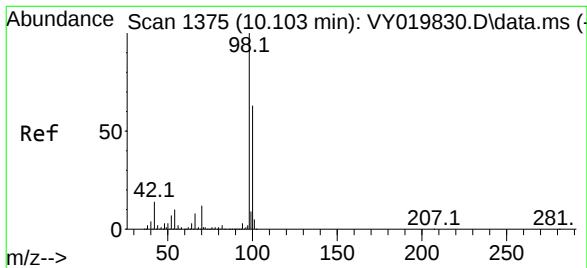
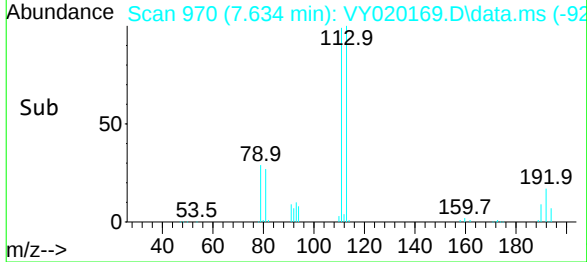
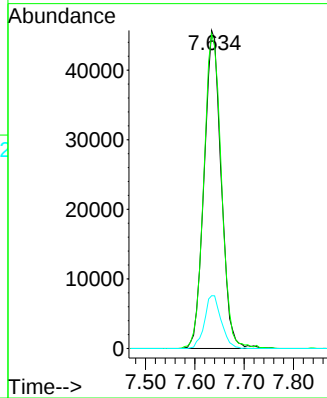
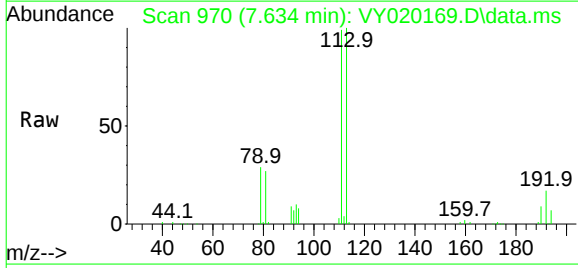




#35
Dibromofluoromethane
Concen: 54.368 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

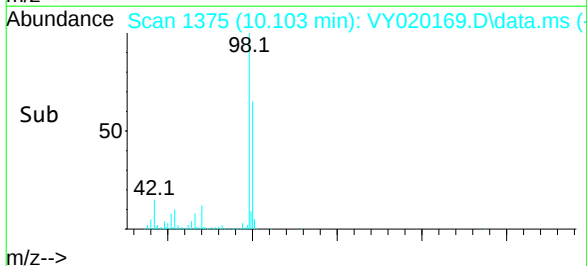
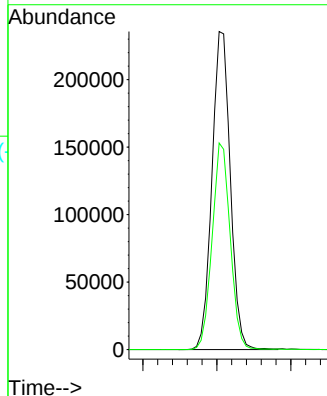
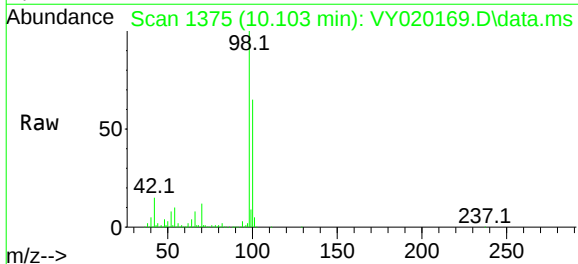
Instrument :
MSVOA_Y
ClientSampleId :
BP-F3-VOC

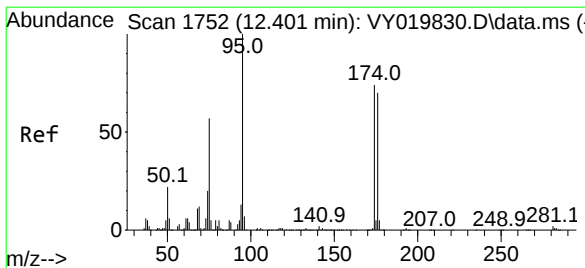
Tgt Ion:113 Resp: 109942
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 16.2 15.9 23.9



#50
Toluene-d8
Concen: 50.453 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

Tgt Ion: 98 Resp: 406110
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.857 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020169.D

Acq: 05 Nov 2024 16:05

Instrument :

MSVOA_Y

ClientSampleId :

BP-F3-VOC

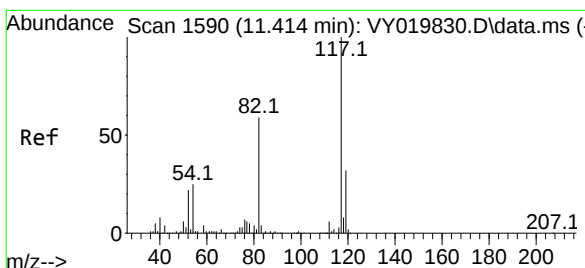
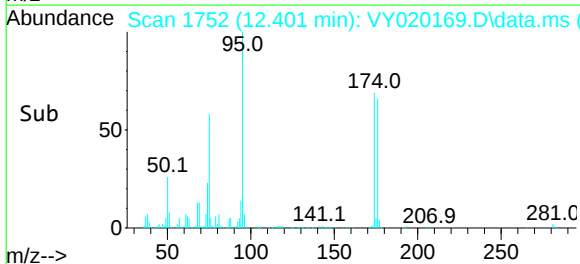
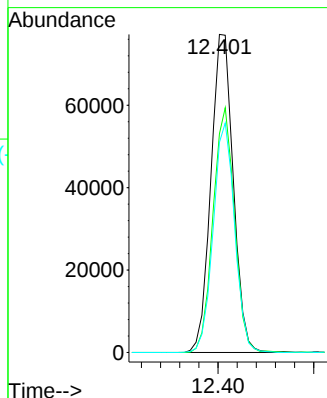
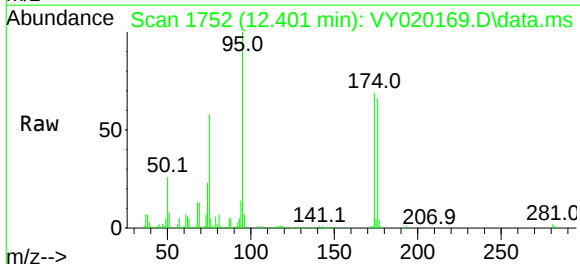
Tgt Ion: 95 Resp: 125122

Ion Ratio Lower Upper

95 100

174 73.8 0.0 175.6

176 69.2 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: VY020169.D

Acq: 05 Nov 2024 16:05

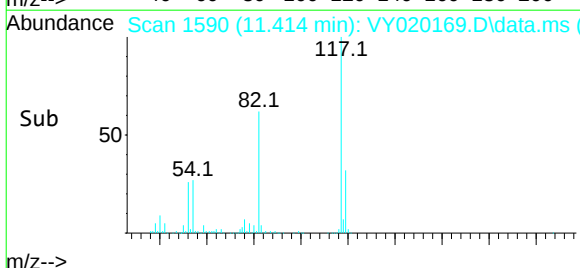
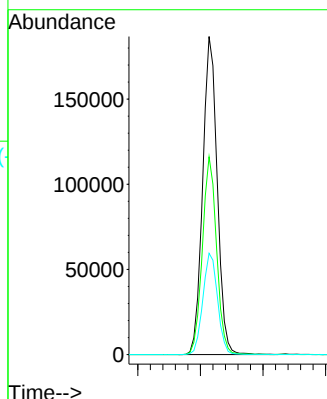
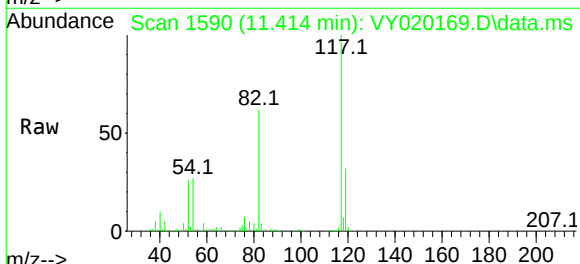
Tgt Ion: 117 Resp: 301772

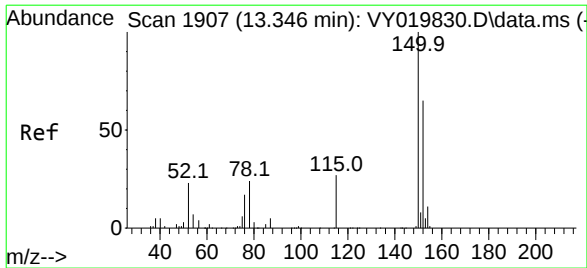
Ion Ratio Lower Upper

117 100

82 62.2 42.4 63.6

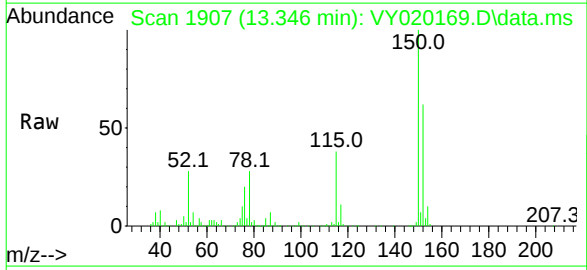
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020169.D
 Acq: 05 Nov 2024 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F3-VOC



Tgt Ion:	152	Resp:	109824
Ion Ratio	Lower	Upper	
152	100		
115	61.3	28.2	84.7
150	159.9	0.0	345.6

