

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020170.D
 Acq On : 05 Nov 2024 16:29
 Operator : SY/MD
 Sample : P4700-03
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8-VOC

Quant Time: Nov 06 00:28:01 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)

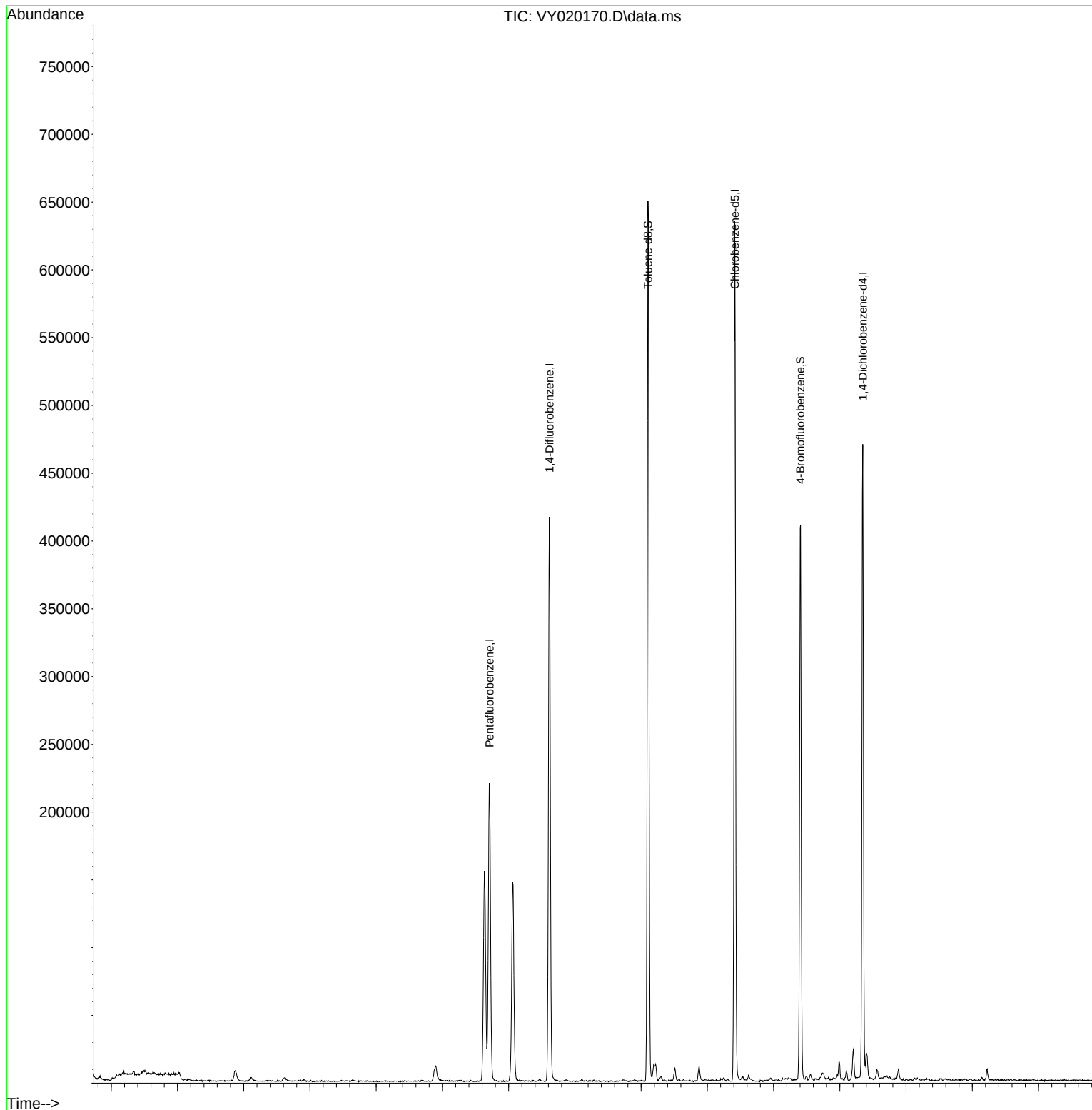
Internal Standards						
1) Pentafluorobenzene	7.713	168	151048	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	324824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	301585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113342	60.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.240%	
35) Dibromofluoromethane	7.640	113	108243	52.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.820%	
50) Toluene-d8	10.103	98	404016	49.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	12.401	95	121703	45.579	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.160%	
Target Compounds						
16) Acetone	3.879	43	14594	33.289	ug/l	Qvalue # 84

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

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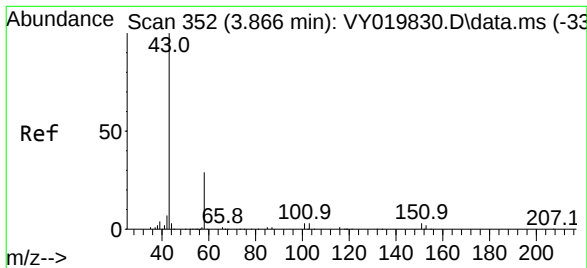
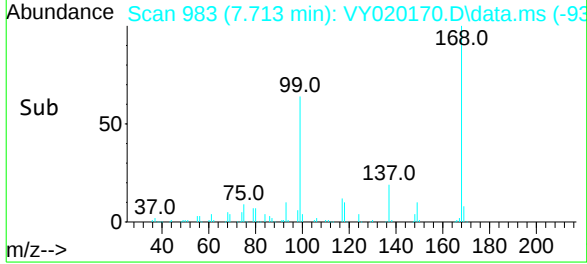
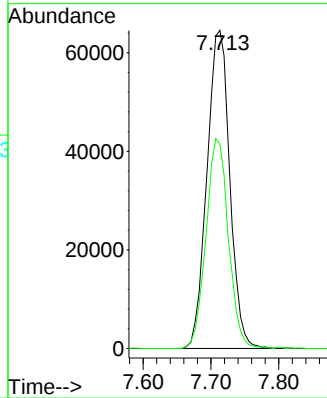
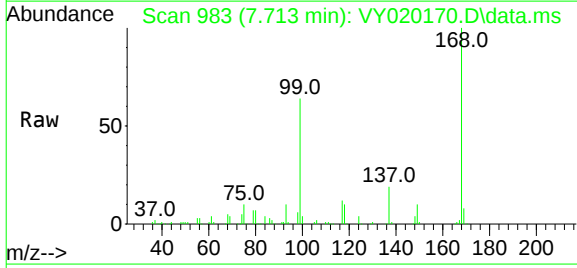




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

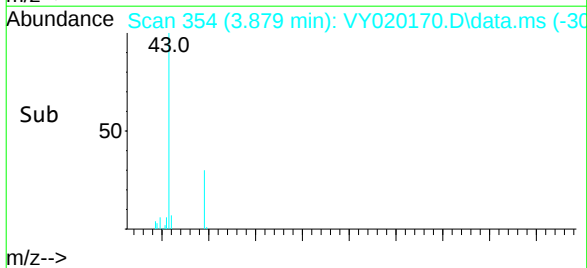
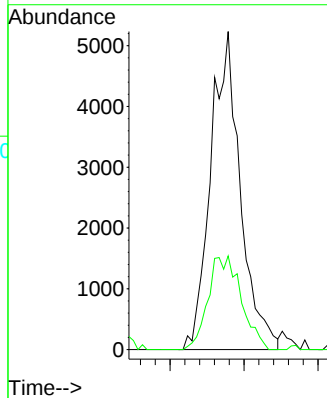
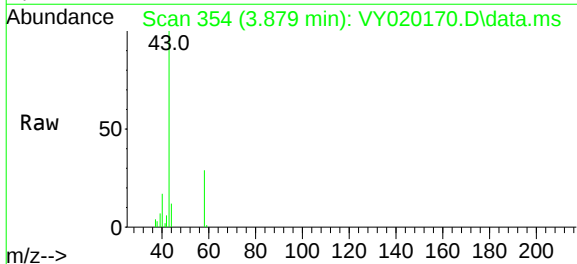
Instrument :
MSVOA_Y
ClientSampleId :
MH-8-VOC

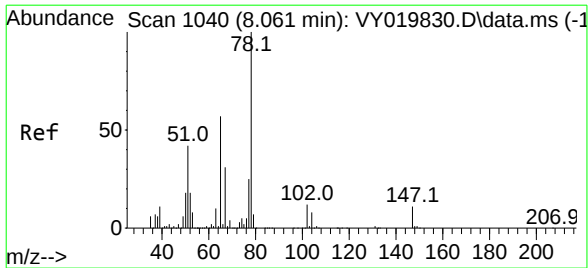
Tgt Ion:168 Resp: 151048
Ion Ratio Lower Upper
168 100
99 64.2 39.1 58.7#



#16
Acetone
Concen: 33.289 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

Tgt Ion: 43 Resp: 14594
Ion Ratio Lower Upper
43 100
58 29.5 31.7 47.5#

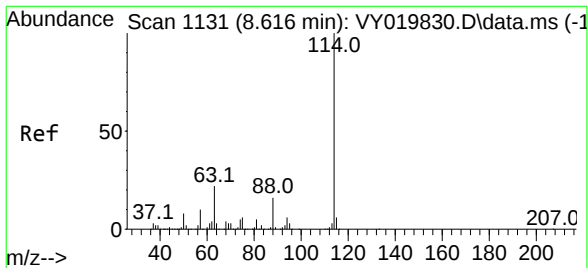
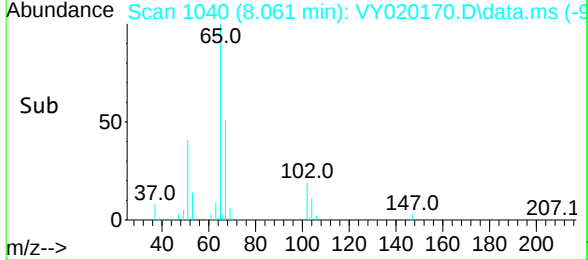
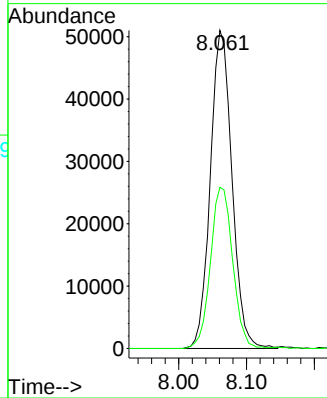
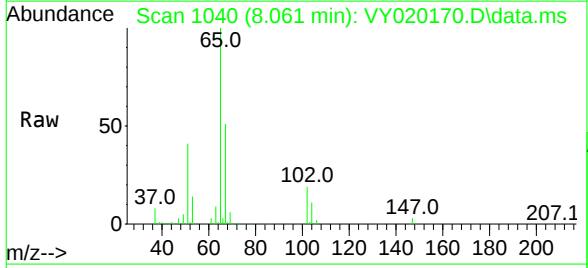




#33
1,2-Dichloroethane-d4
Concen: 60.123 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

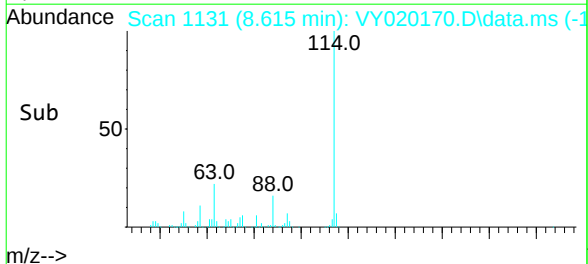
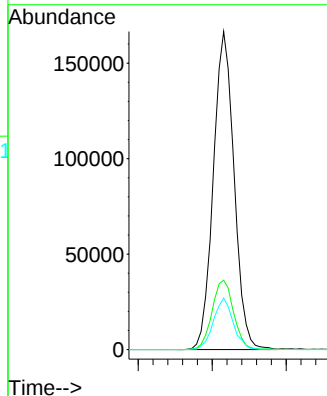
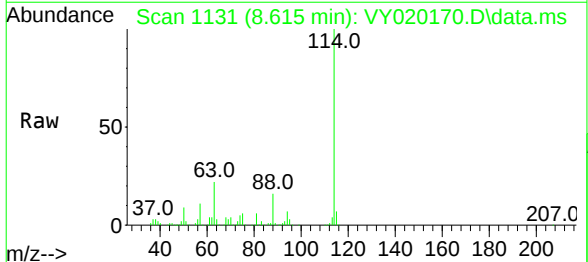
Instrument :
MSVOA_Y
ClientSampleId :
MH-8-VOC

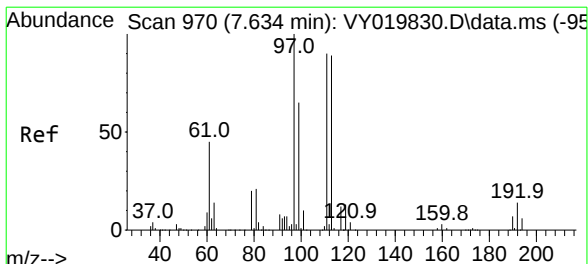
Tgt Ion: 65 Resp: 113342
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

Tgt Ion: 114 Resp: 324824
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.0
88 16.2 0.0 27.2

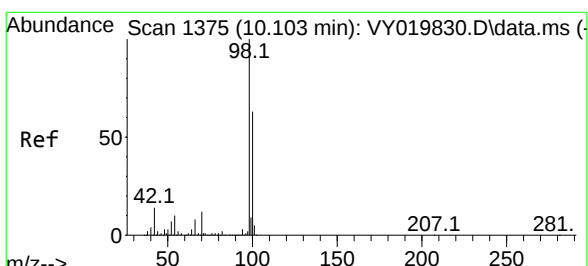
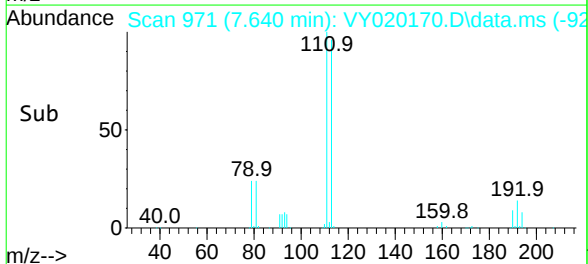
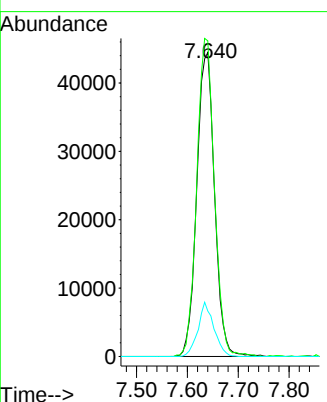
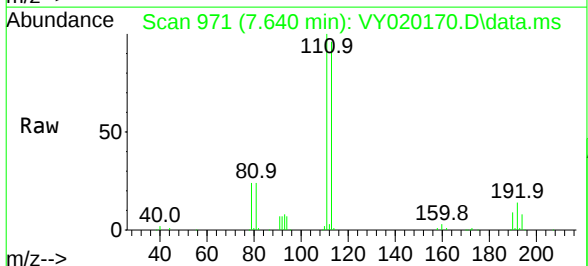




#35
 Dibromofluoromethane
 Concen: 52.412 ug/l
 RT: 7.640 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: VY020170.D
 Acq: 05 Nov 2024 16:29

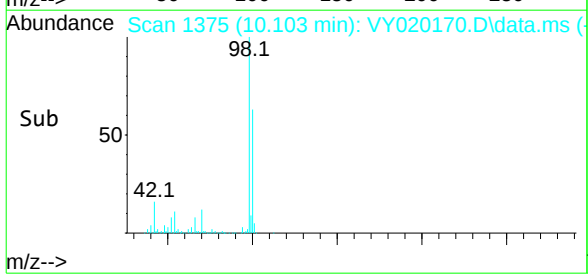
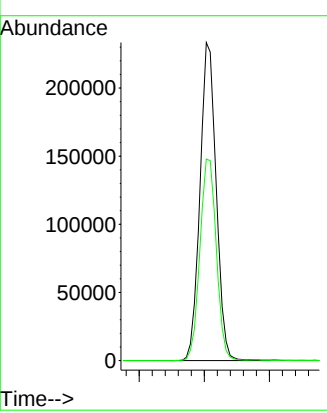
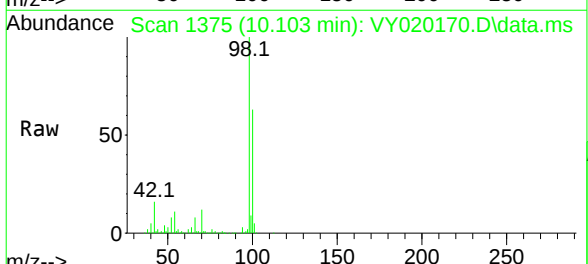
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8-VOC

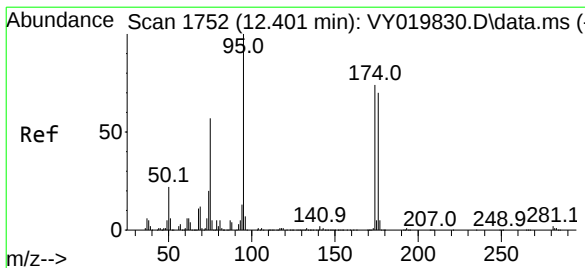
Tgt Ion:	113	Resp:	108243
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	15.9	15.9	23.9



#50
 Toluene-d8
 Concen: 49.147 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.006 min
 Lab File: VY020170.D
 Acq: 05 Nov 2024 16:29

Tgt Ion:	98	Resp:	404016
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 45.579 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020170.D

Acq: 05 Nov 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

MH-8-VOC

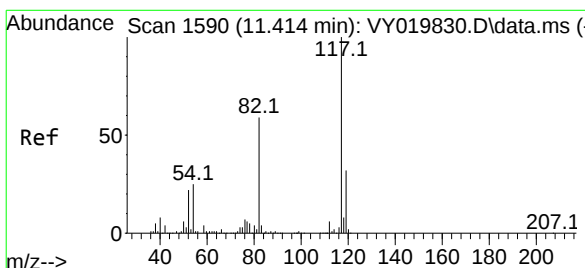
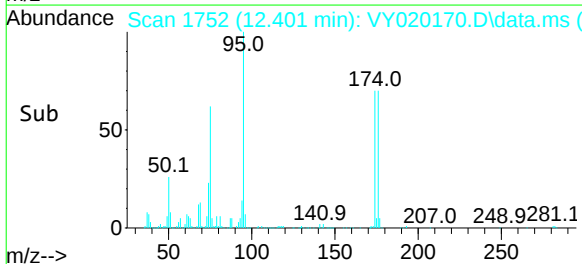
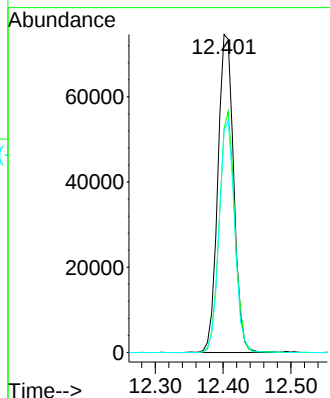
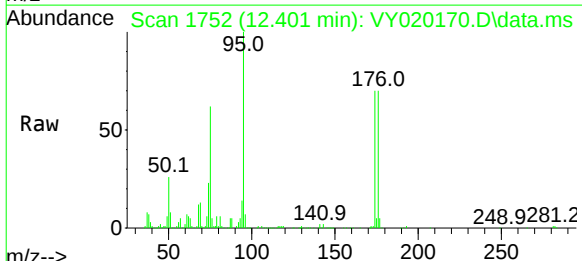
Tgt Ion: 95 Resp: 121703

Ion Ratio Lower Upper

95 100

174 73.4 0.0 175.6

176 70.9 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: VY020170.D

Acq: 05 Nov 2024 16:29

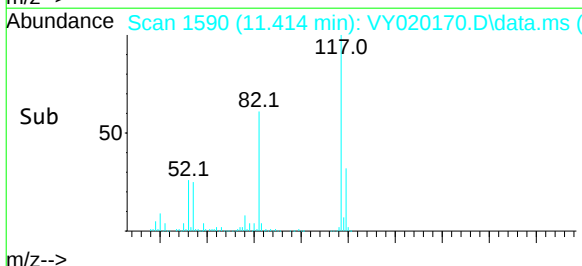
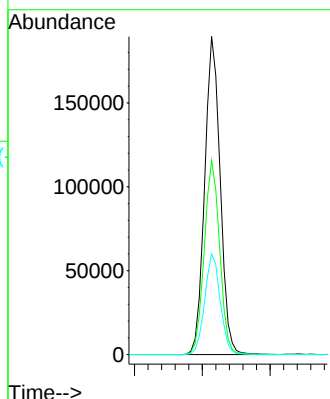
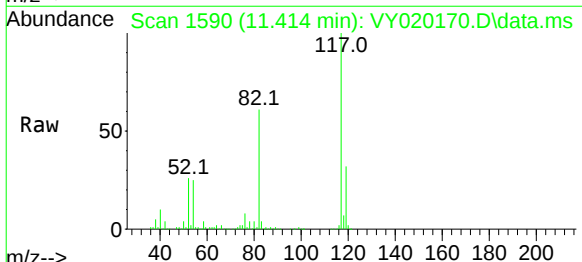
Tgt Ion: 117 Resp: 301585

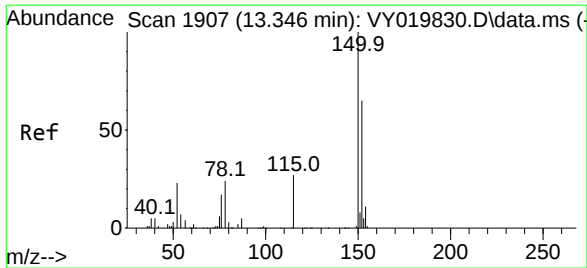
Ion Ratio Lower Upper

117 100

82 61.0 42.4 63.6

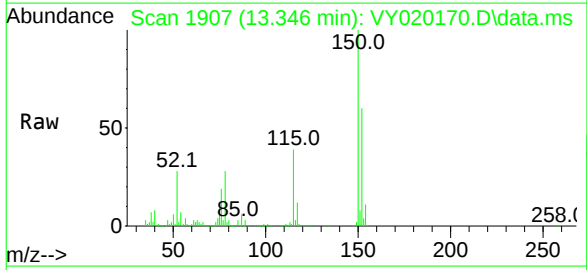
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020170.D
 Acq: 05 Nov 2024 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8-VOC



Tgt Ion:	152	Resp:	104623
Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.2	84.7
150	159.3	0.0	345.6

