

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020259.D
 Acq On : 11 Nov 2024 19:30
 Operator : SY/MD
 Sample : P4809-03
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-5-VOC

Quant Time: Nov 12 03:16:03 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)

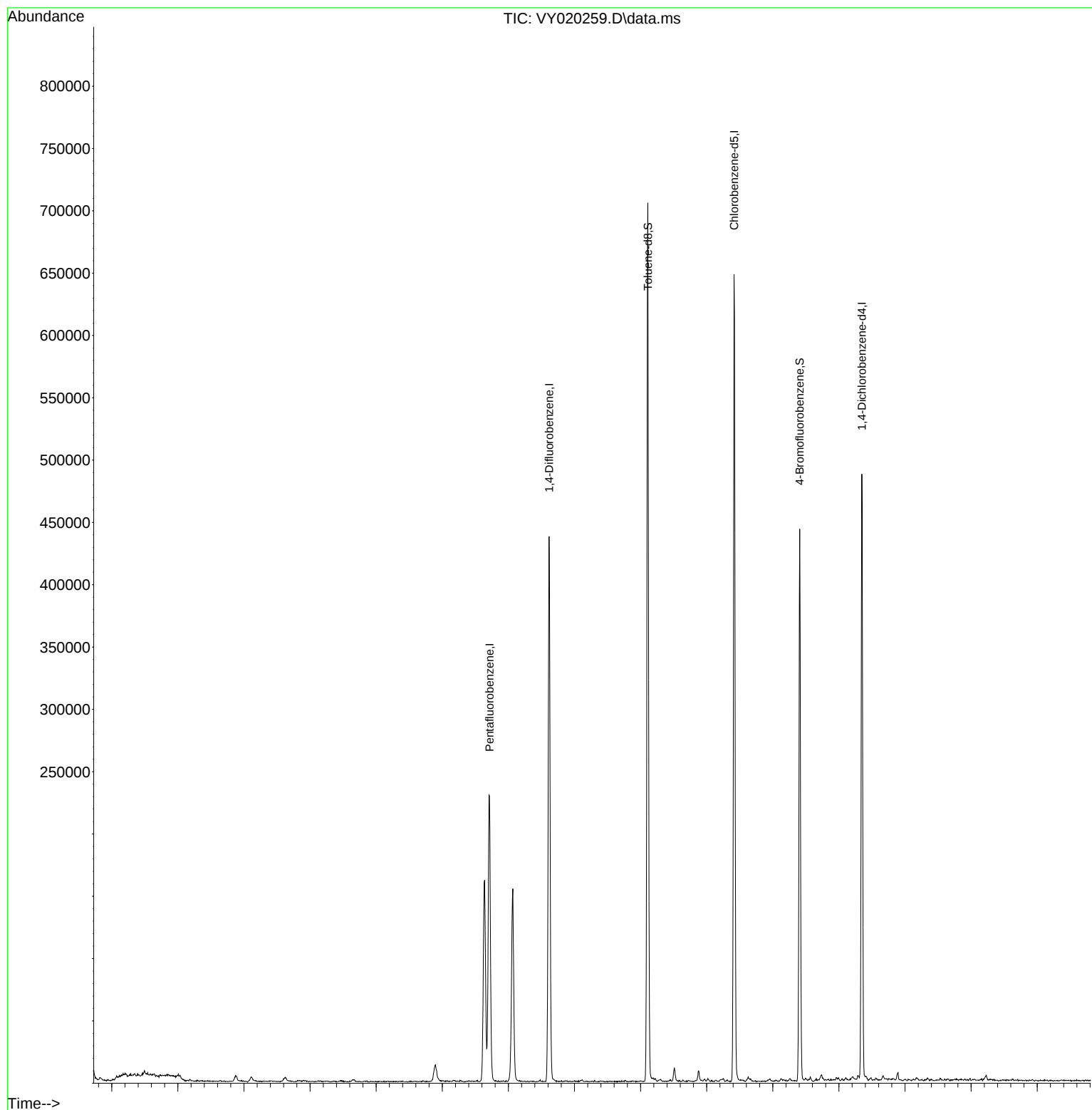
Internal Standards						
1) Pentafluorobenzene	7.713	168	158212	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	340798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	314106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	115754	58.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.240%
35) Dibromofluoromethane	7.640	113	113202	52.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.480%
50) Toluene-d8	10.109	98	427823	49.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.408	95	127328	45.451	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.900%
Target Compounds						
16) Acetone	3.885	43	7852	17.099	ug/l	Qvalue 91
17) Carbon Disulfide	4.110	76	6563	1.155	ug/l	# 91

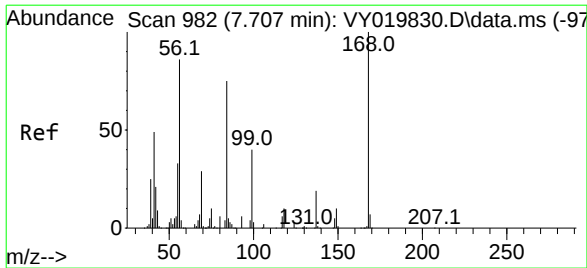
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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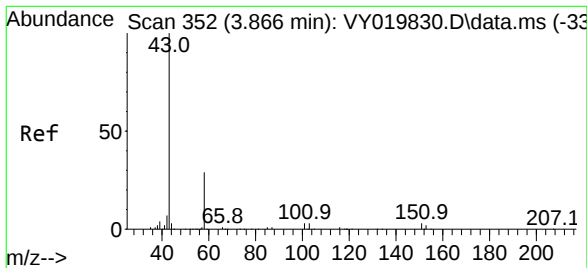
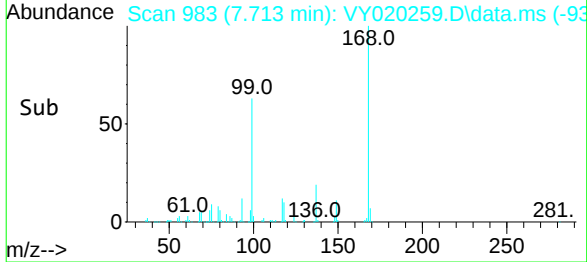
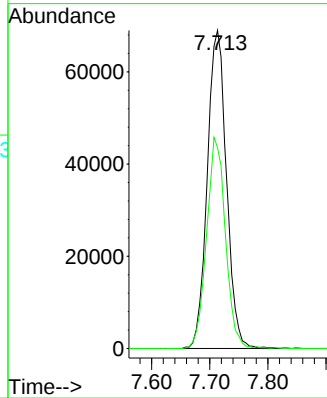
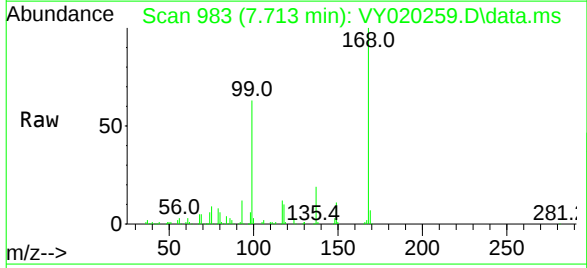




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

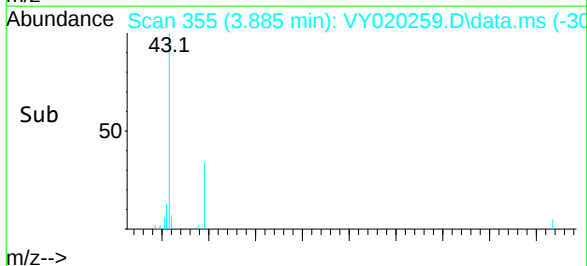
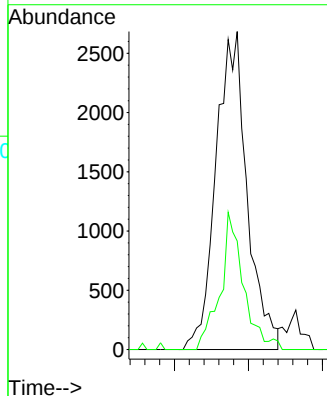
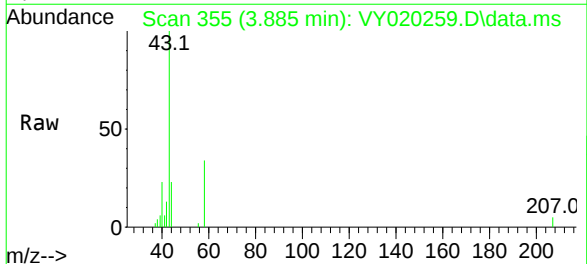
Instrument :
MSVOA_Y
ClientSampleId :
MH-5-VOC

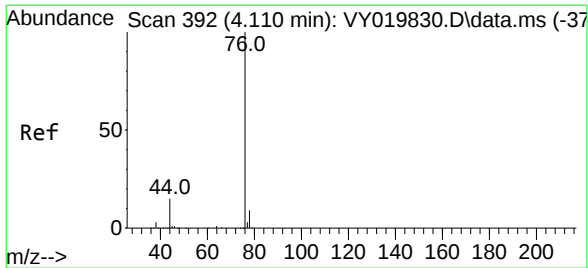
Tgt Ion:168 Resp: 158212
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#



#16
Acetone
Concen: 17.099 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.013 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Tgt Ion: 43 Resp: 7852
Ion Ratio Lower Upper
43 100
58 34.1 31.7 47.5

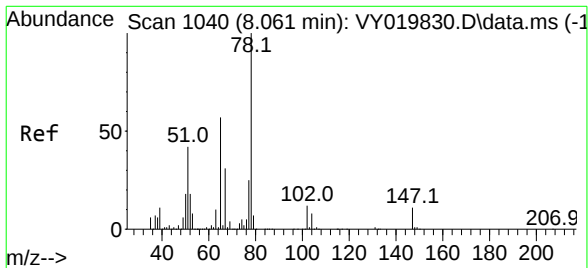
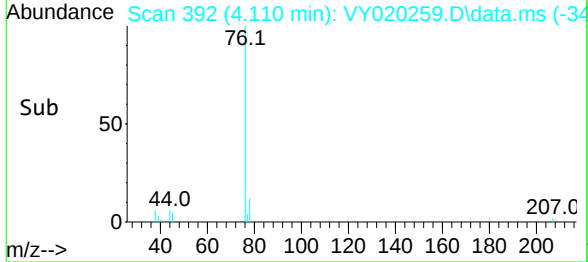
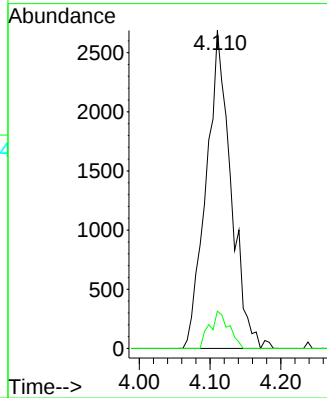
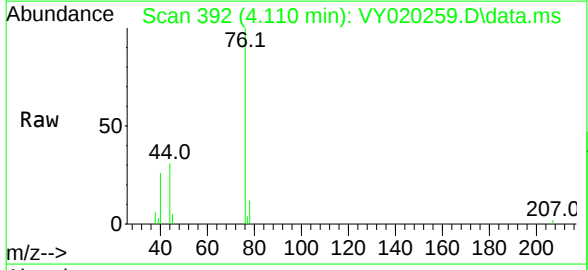




#17
Carbon Disulfide
Concen: 1.155 ug/l
RT: 4.110 min Scan# 39
Delta R.T. 0.006 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

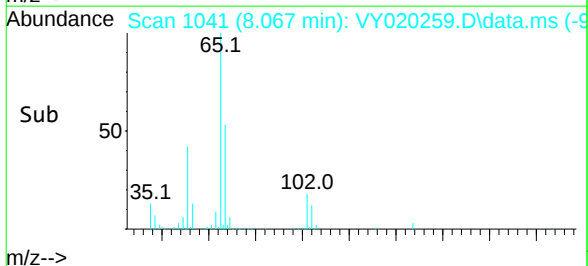
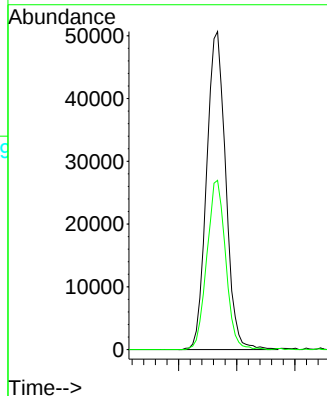
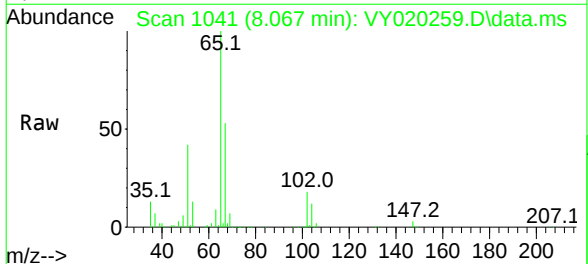
Instrument :
MSVOA_Y
ClientSampleId :
MH-5-VOC

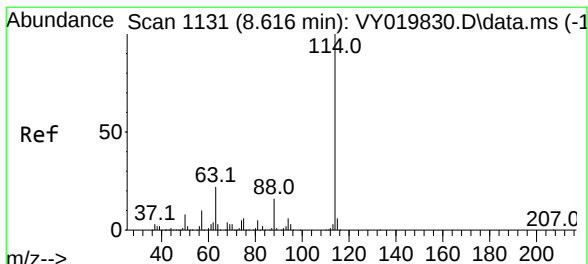
Tgt Ion: 76 Resp: 6563
Ion Ratio Lower Upper
76 100
78 11.7 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 58.622 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Tgt Ion: 65 Resp: 115754
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6

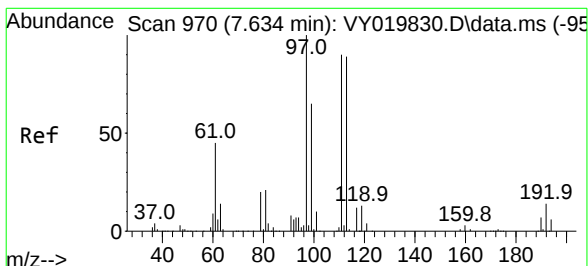
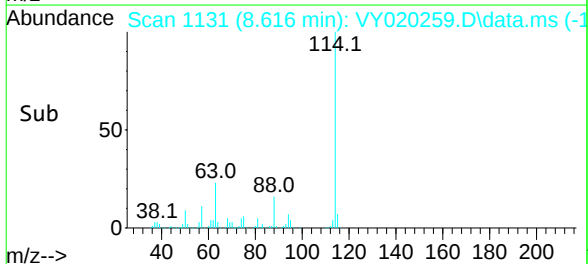
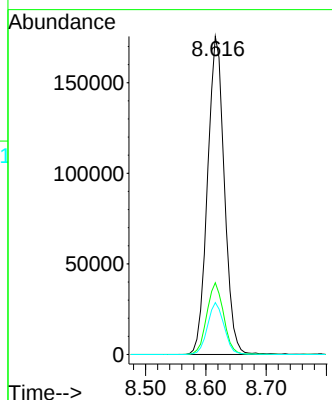
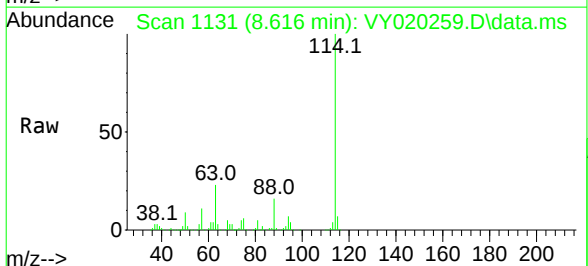




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

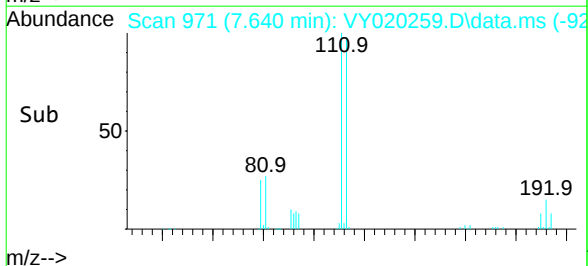
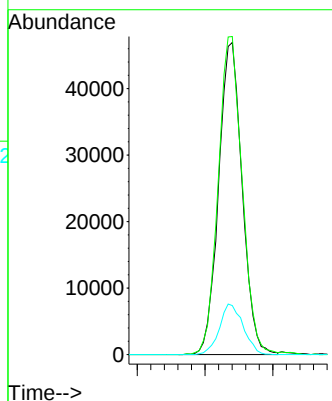
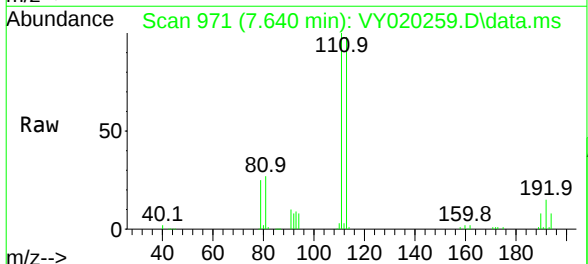
Instrument :
MSVOA_Y
ClientSampleId :
MH-5-VOC

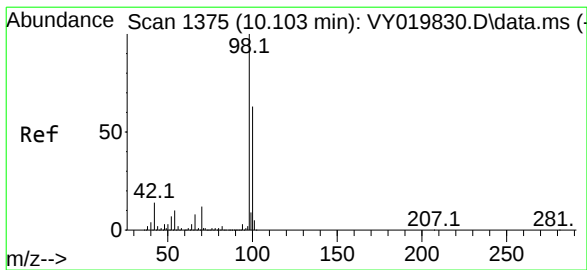
Tgt Ion:	114	Resp:	340798
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	35.0
88	16.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 52.244 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Tgt Ion:	113	Resp:	113202
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	16.4	15.9	23.9





#50

Toluene-d8

Concen: 49.604 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020259.D

Acq: 11 Nov 2024 19:30

Instrument :

MSVOA_Y

ClientSampleId :

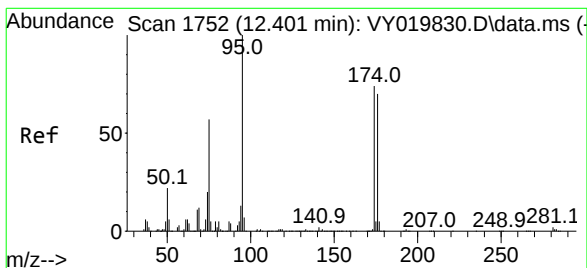
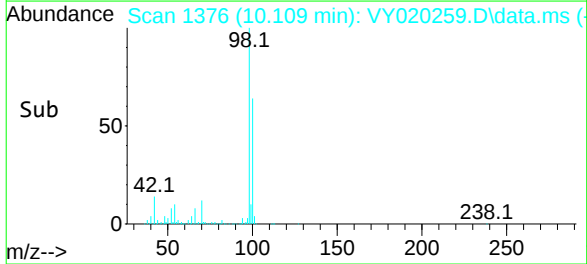
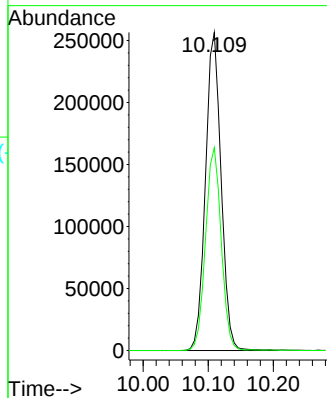
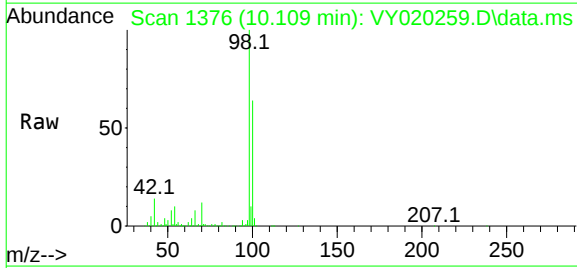
MH-5-VOC

Tgt Ion: 98 Resp: 427823

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.451 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020259.D

Acq: 11 Nov 2024 19:30

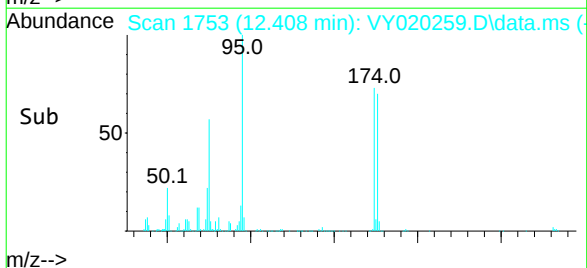
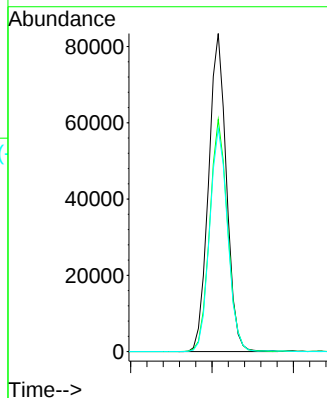
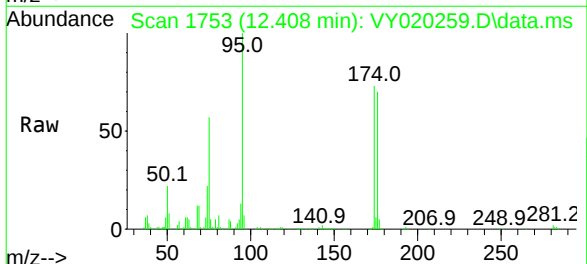
Tgt Ion: 95 Resp: 127328

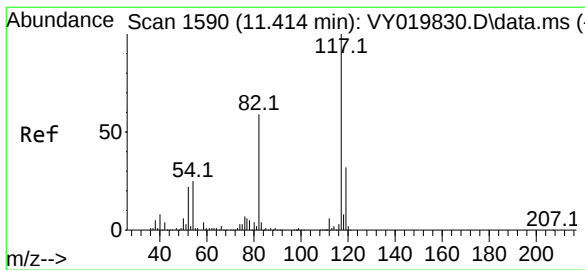
Ion Ratio Lower Upper

95 100

174 73.0 0.0 175.6

176 70.4 0.0 171.4

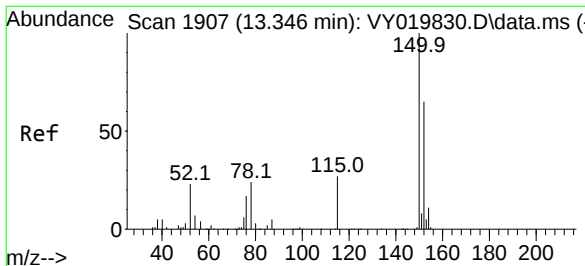
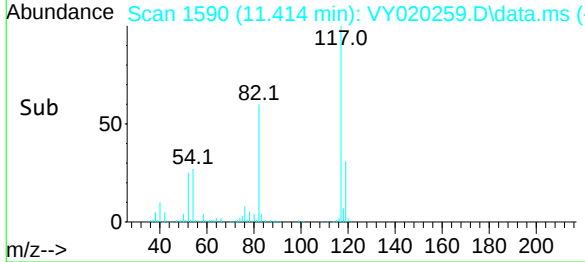
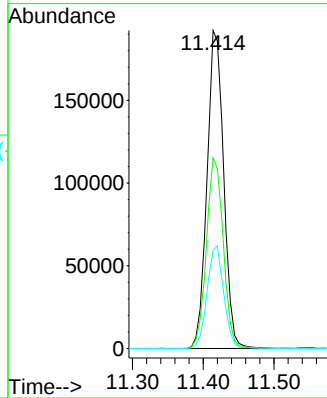
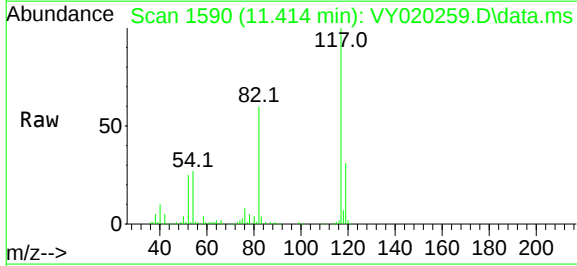




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020259.D
Acq: 11 Nov 2024 19:30

Instrument :
MSVOA_Y
ClientSampleId :
MH-5-VOC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.0	42.4	63.6
119	30.9	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: VY020259.D
Acq: 11 Nov 2024 19:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.2	84.7
150	155.2	0.0	345.6

