

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020069.D
 Acq On : 29 Oct 2024 18:19
 Operator : SY/MD
 Sample : P4594-07
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F17-VOC

Quant Time: Oct 30 01:28:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

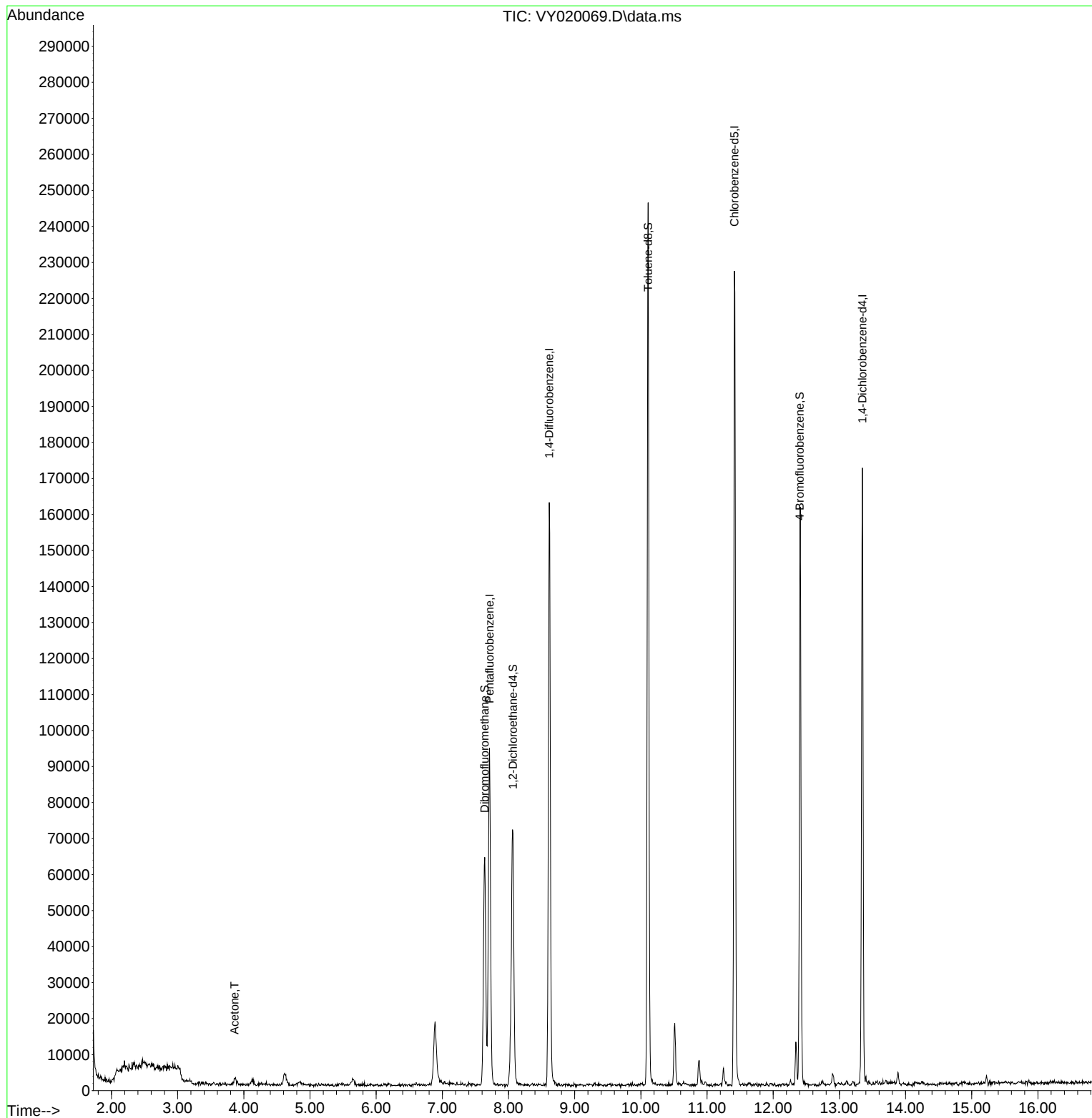
Internal Standards						
1) Pentafluorobenzene	7.713	168	63184	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	130346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	113976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	39320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	50609	65.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.100%	
35) Dibromofluoromethane	7.640	113	44603	51.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.720%	
50) Toluene-d8	10.109	98	156539	49.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.402	95	45105	39.300	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.600%	
Target Compounds						
						Qvalue
16) Acetone	3.861	43	2924	14.438	ug/l	# 77

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

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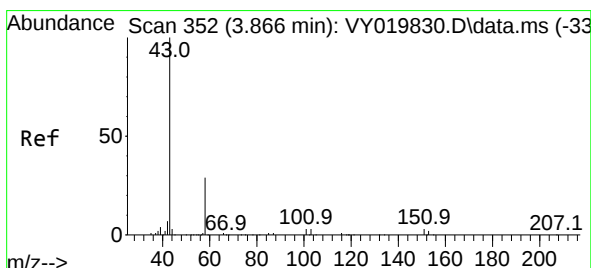
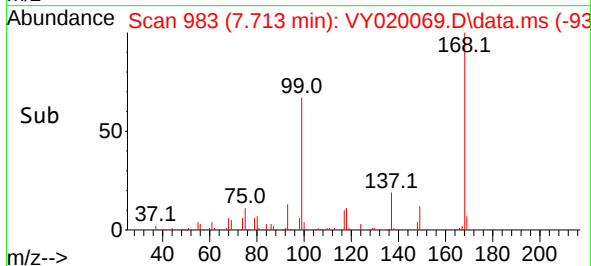
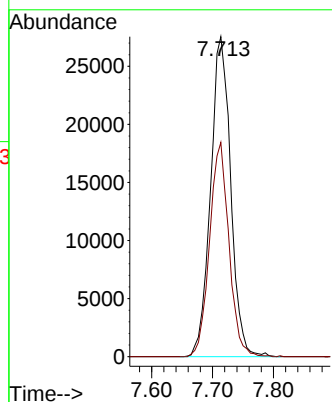
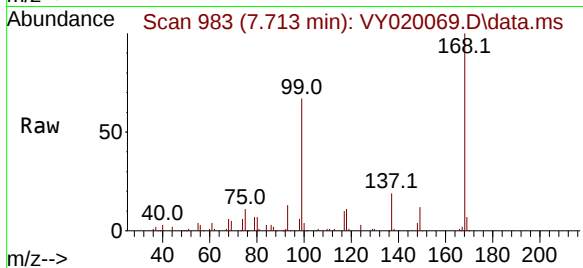




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

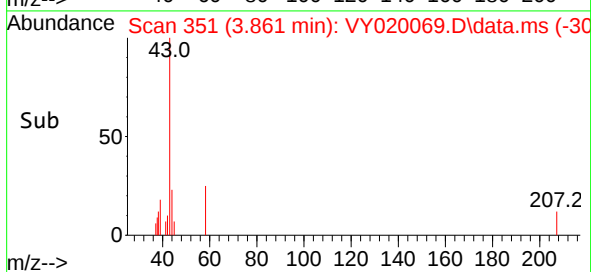
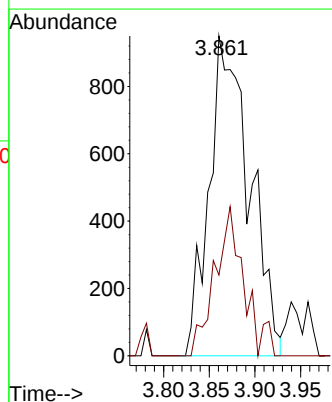
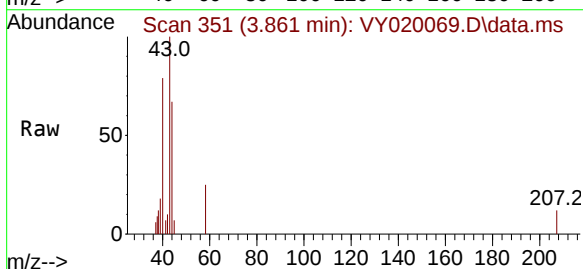
Instrument :
MSVOA_Y
ClientSampleId :
BP-F17-VOC

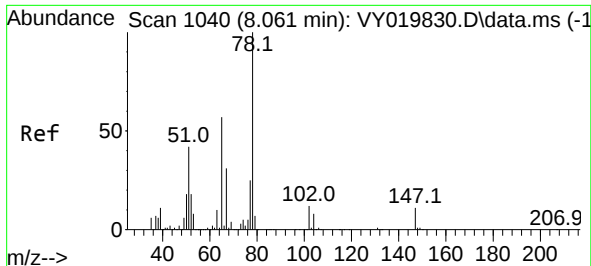
Tgt Ion:168 Resp: 63184
Ion Ratio Lower Upper
168 100
99 66.9 39.1 58.7#



#16
Acetone
Concen: 14.438 ug/l
RT: 3.861 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

Tgt Ion: 43 Resp: 2924
Ion Ratio Lower Upper
43 100
58 25.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 65.052 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY020069.D

Acq: 29 Oct 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

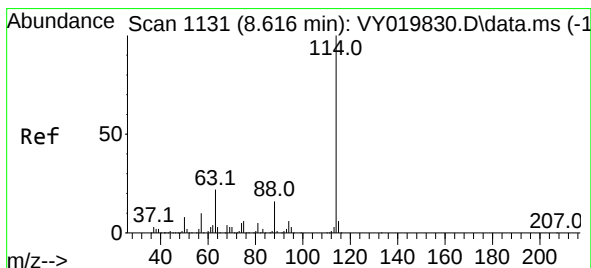
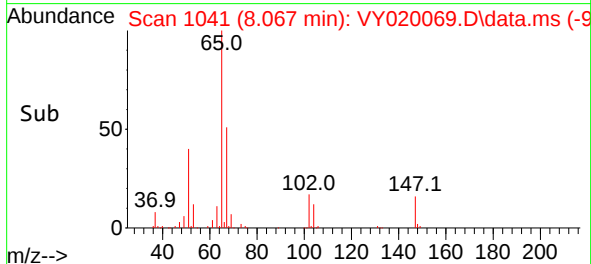
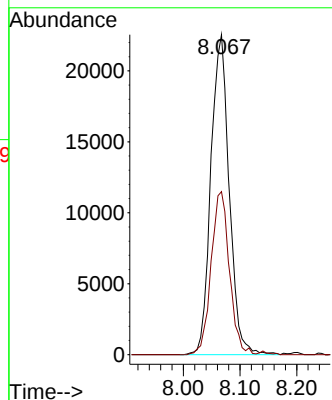
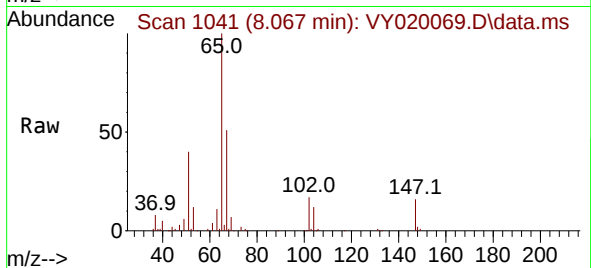
BP-F17-VOC

Tgt Ion: 65 Resp: 50609

Ion Ratio Lower Upper

65 100

67 50.9 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: VY020069.D

Acq: 29 Oct 2024 18:19

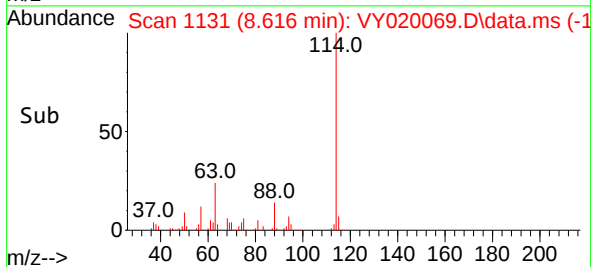
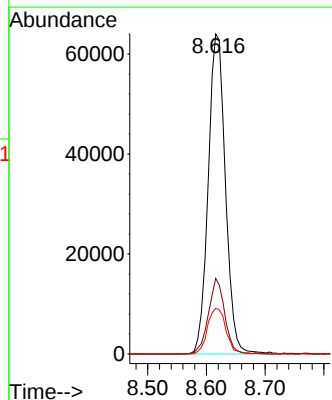
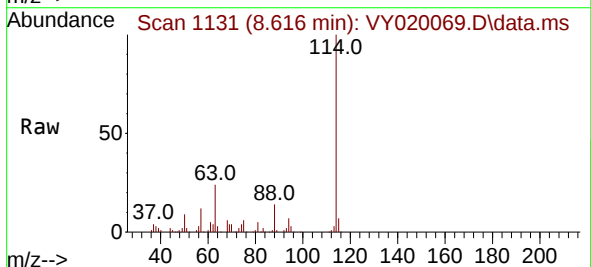
Tgt Ion: 114 Resp: 130346

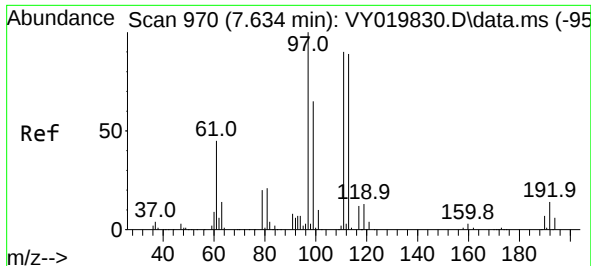
Ion Ratio Lower Upper

114 100

63 23.6 0.0 35.0

88 14.3 0.0 27.2

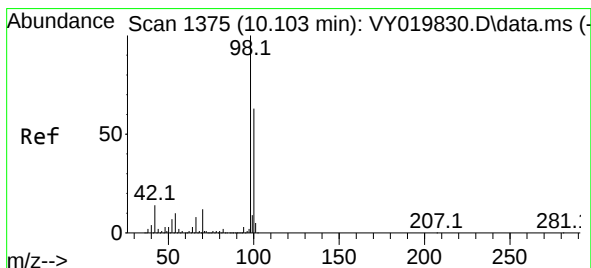
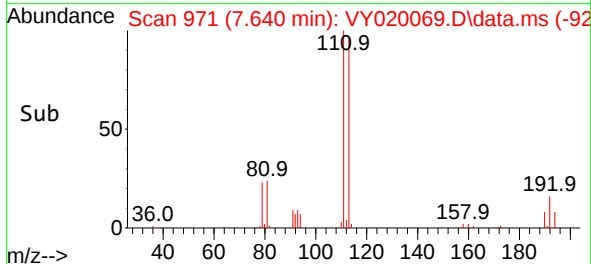
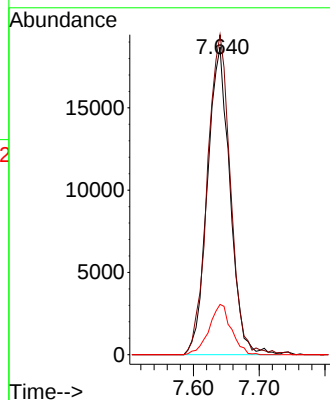
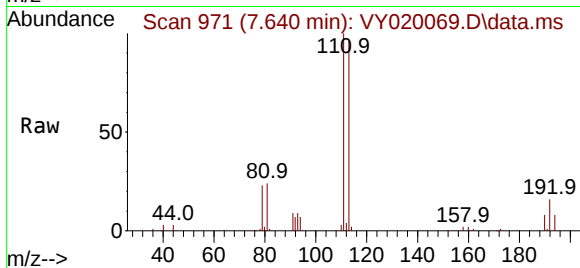




#35
Dibromofluoromethane
Concen: 51.855 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

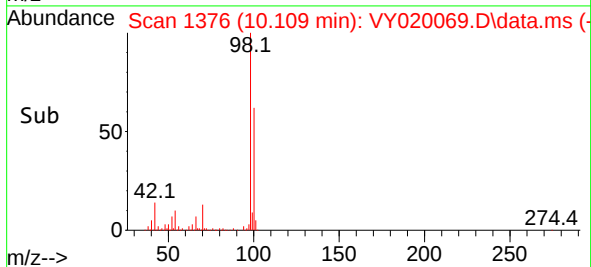
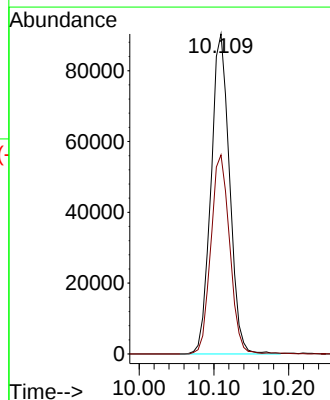
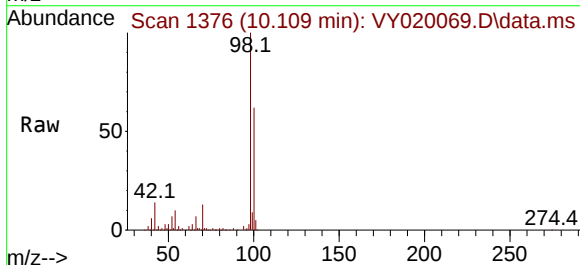
Instrument :
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ClientSampleId :
BP-F17-VOC

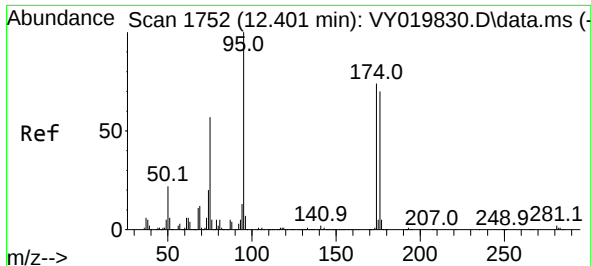
Tgt Ion:113 Resp: 44603
Ion Ratio Lower Upper
113 100
111 106.3 82.2 123.4
192 16.0 15.9 23.9



#50
Toluene-d8
Concen: 49.282 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

Tgt Ion: 98 Resp: 156539
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

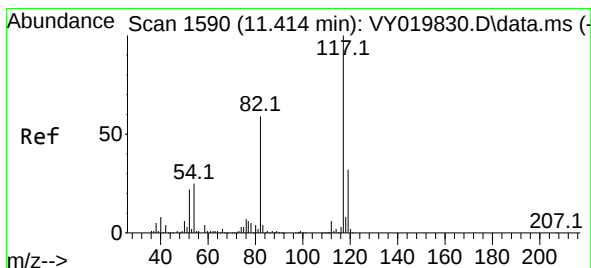
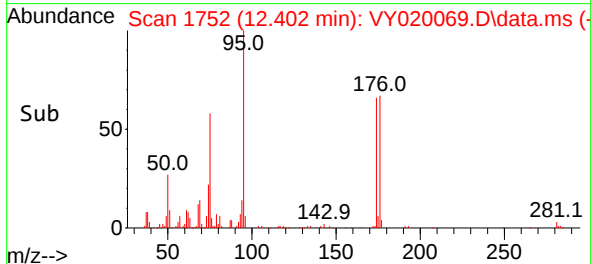
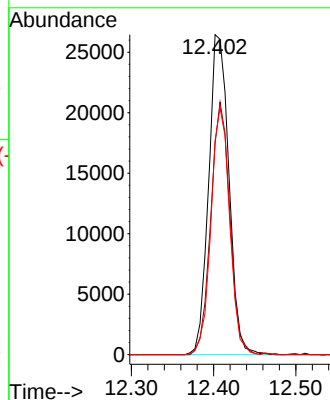
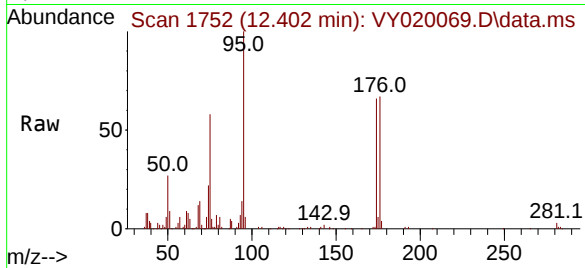




#62
4-Bromofluorobenzene
Concen: 39.300 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

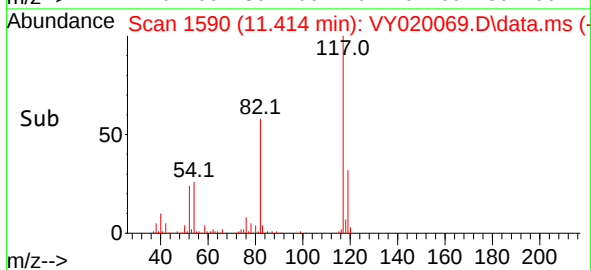
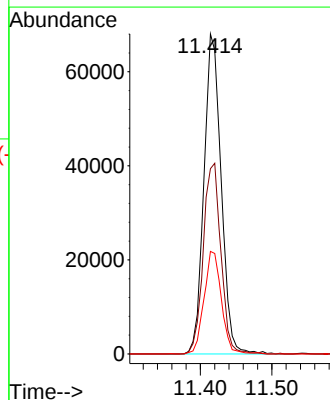
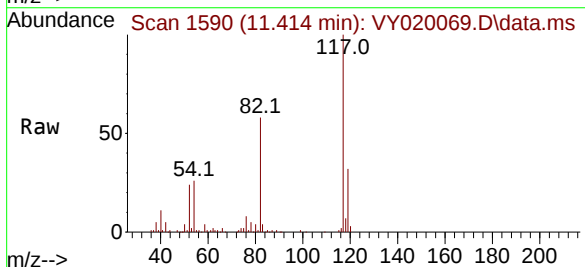
Instrument :
MSVOA_Y
ClientSampleId :
BP-F17-VOC

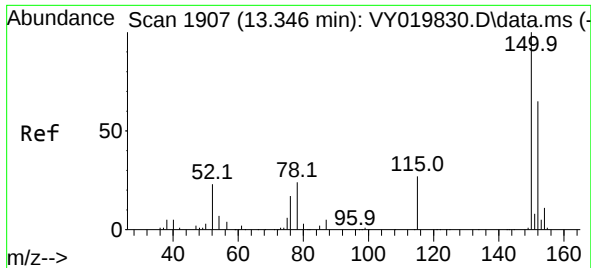
Tgt Ion:	95	Resp:	45105
Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	175.6
176	71.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

Tgt Ion:	117	Resp:	113976
Ion	Ratio	Lower	Upper
117	100		
82	57.9	42.4	63.6
119	32.0	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: VY020069.D
 Acq: 29 Oct 2024 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F17-VOC

Tgt Ion:152 Resp: 39320
 Ion Ratio Lower Upper
 152 100
 115 62.6 28.2 84.7
 150 152.8 0.0 345.6

