

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019751.D
 Acq On : 01 Oct 2024 19:08
 Operator : SY/MD
 Sample : P4236-06
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-VOC

Quant Time: Oct 02 03:19:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

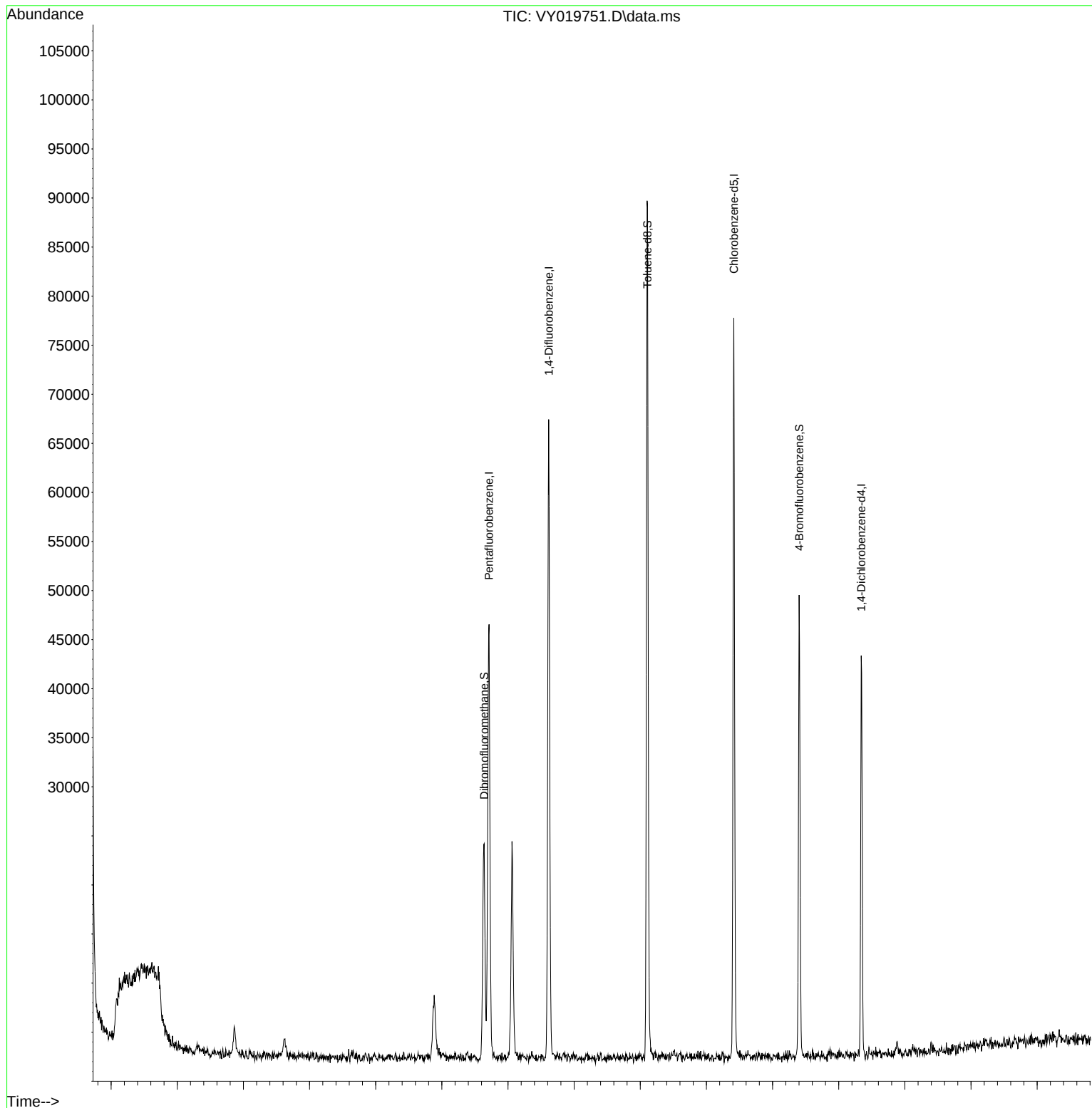
Internal Standards						
1) Pentafluorobenzene	7.713	168	31641	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	54122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	38008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	9881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	16000	54.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.220%	
35) Dibromofluoromethane	7.640	113	16281	53.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.120%	
50) Toluene-d8	10.109	98	58633	51.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.401	95	15317	35.097	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 70.200%	
Target Compounds						
16) Acetone	3.866	43	5438	77.908	ug/l	# 84
20) Methylene Chloride	4.622	84	1373	4.313	ug/l	# 86

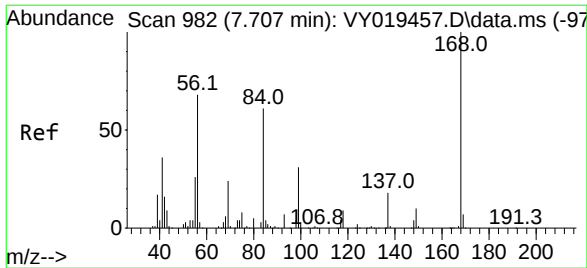
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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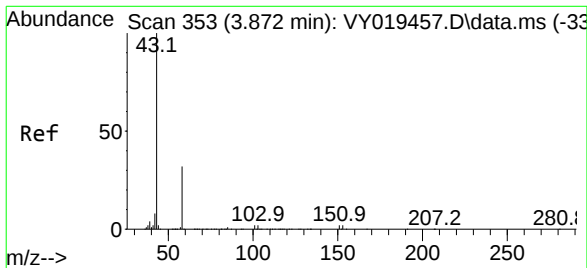
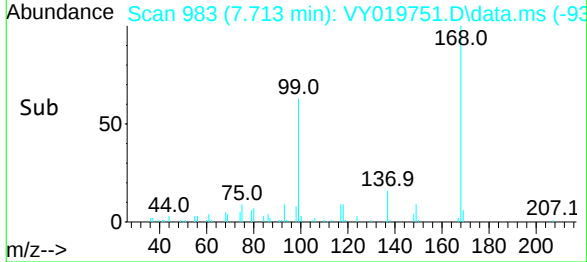
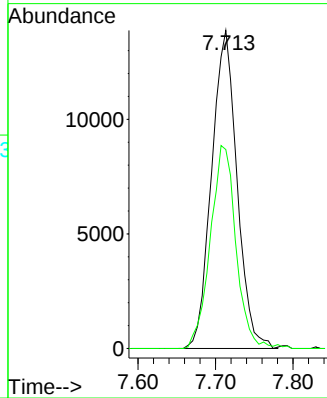
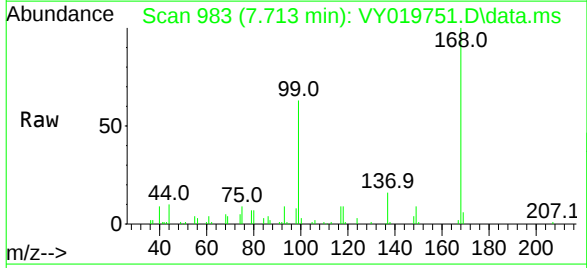




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019751.D
Acq: 01 Oct 2024 19:08

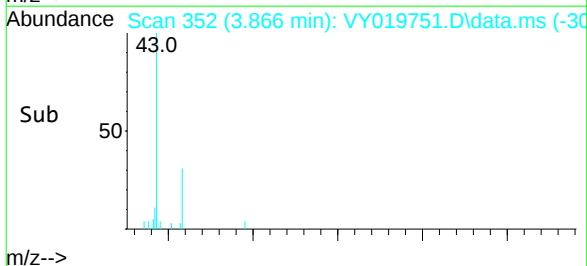
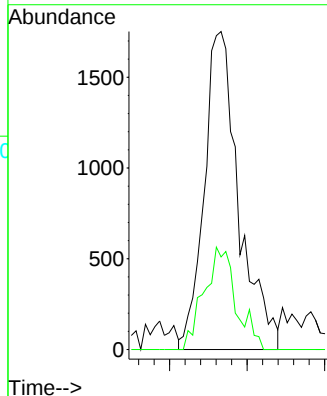
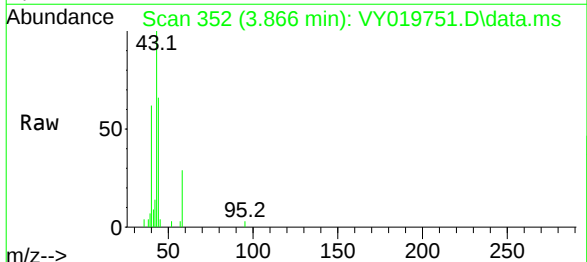
Instrument :
MSVOA_Y
ClientSampleId :
TP3-VOC

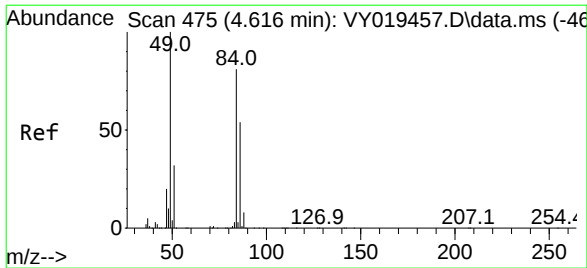
Tgt Ion:168 Resp: 31641
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#16
Acetone
Concen: 77.908 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019751.D
Acq: 01 Oct 2024 19:08

Tgt Ion: 43 Resp: 5438
Ion Ratio Lower Upper
43 100
58 30.0 31.7 47.5#

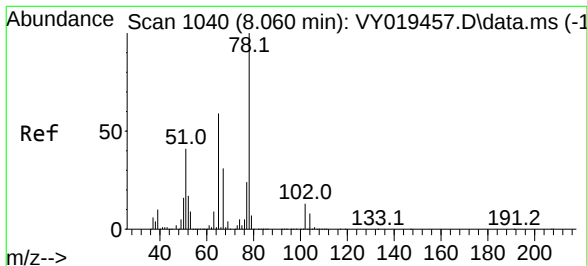
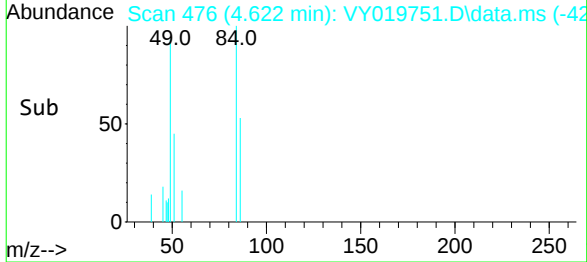
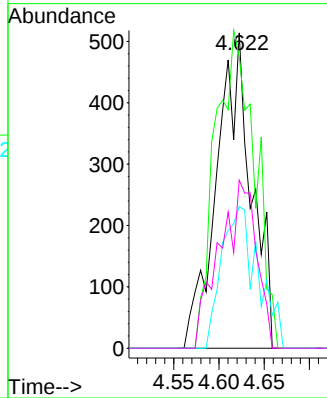
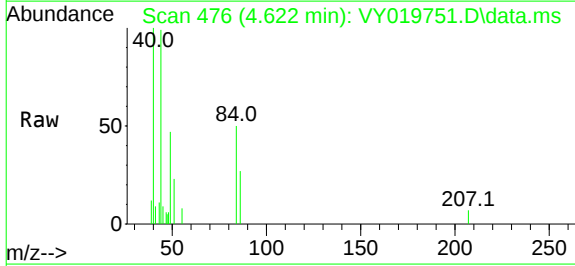




#20
Methylene Chloride
Concen: 4.313 ug/l
RT: 4.622 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY019751.D
Acq: 01 Oct 2024 19:08

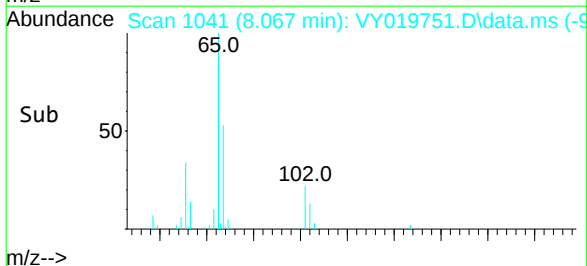
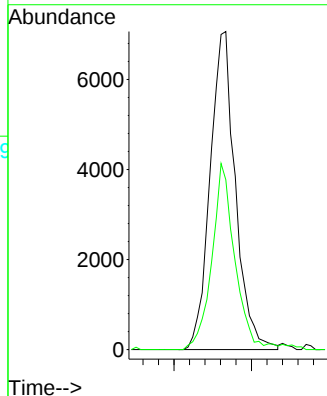
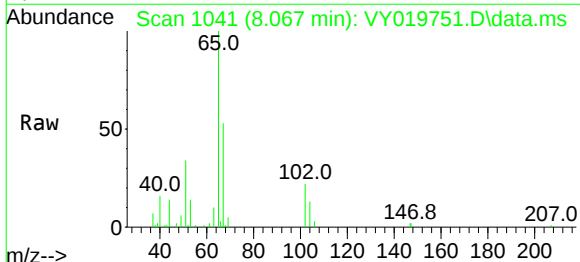
Instrument :
MSVOA_Y
ClientSampleId :
TP3-VOC

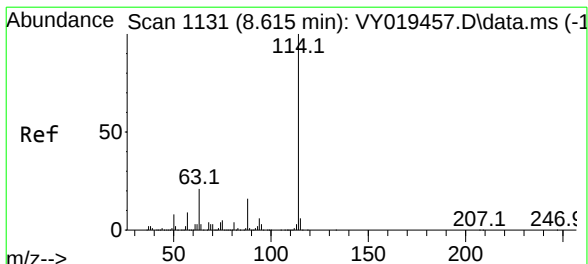
Tgt Ion: 84	Resp: 1373
Ion Ratio	Lower Upper
84 100	
49 92.6	84.4 126.6
51 44.9	26.0 39.0#
86 53.3	49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 54.610 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019751.D
Acq: 01 Oct 2024 19:08

Tgt Ion: 65	Resp: 16000
Ion Ratio	Lower Upper
65 100	
67 52.9	0.0 109.6

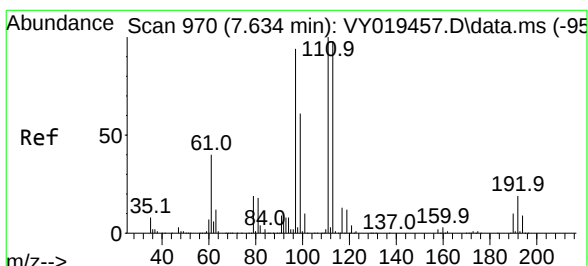
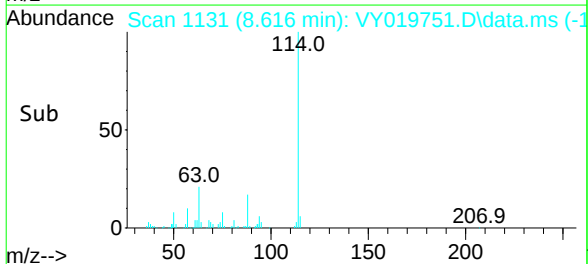
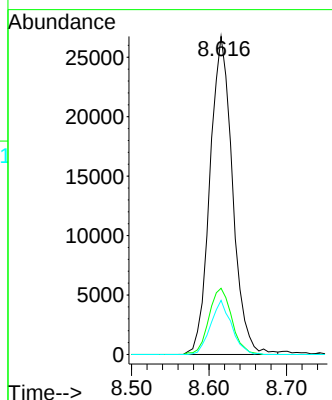
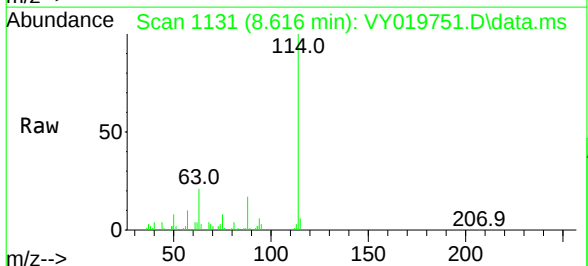




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019751.D
Acq: 01 Oct 2024 19:08

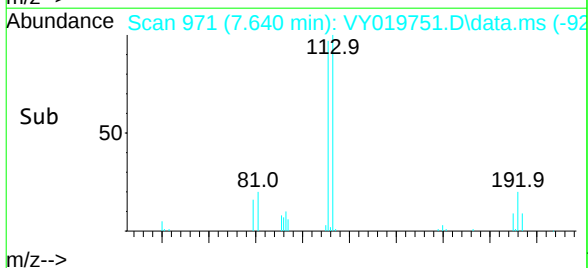
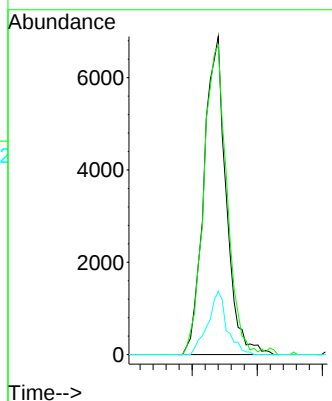
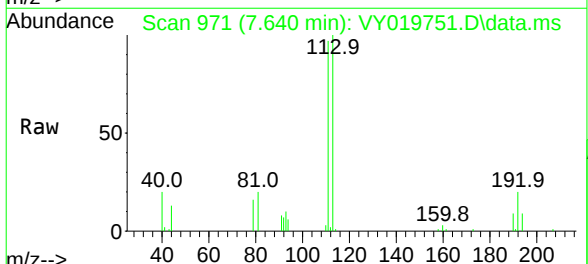
Instrument :
MSVOA_Y
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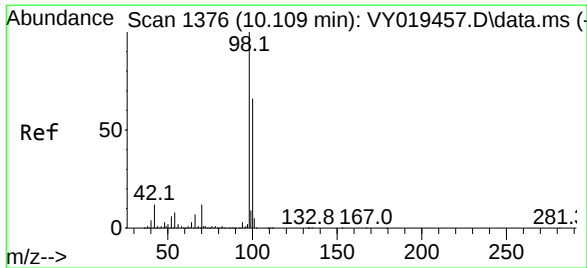
Tgt Ion:	114	Resp:	54122
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	35.0
88	17.0	0.0	27.2



#35
Dibromofluoromethane
Concen: 53.056 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019751.D
Acq: 01 Oct 2024 19:08

Tgt Ion:	113	Resp:	16281
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	17.2	15.9	23.9





#50

Toluene-d8

Concen: 51.659 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY019751.D

Acq: 01 Oct 2024 19:08

Instrument :

MSVOA_Y

ClientSampleId :

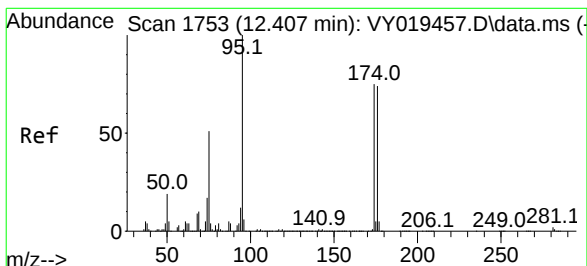
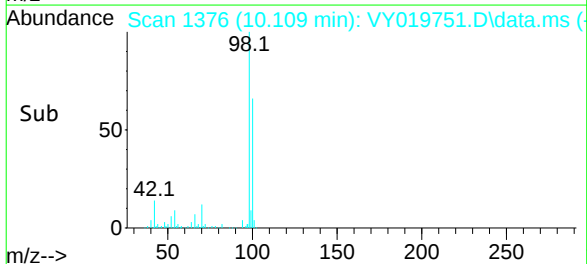
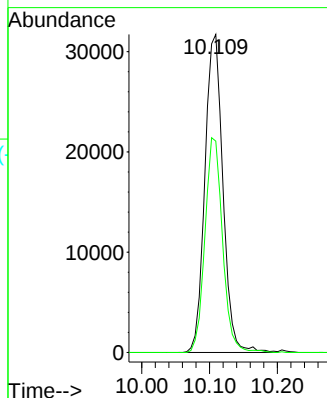
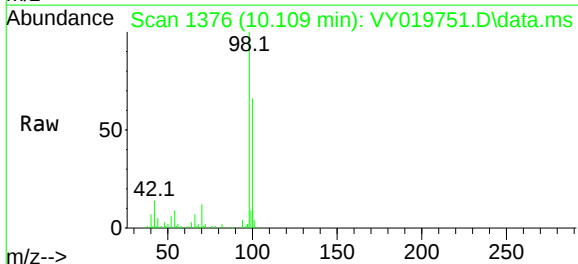
TP3-VOC

Tgt Ion: 98 Resp: 58633

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.097 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019751.D

Acq: 01 Oct 2024 19:08

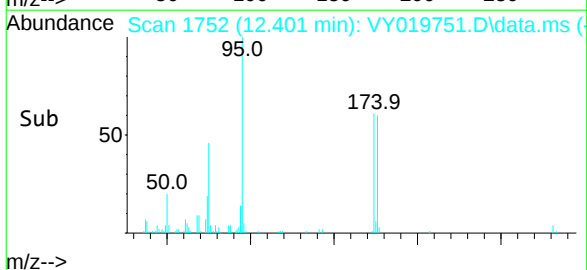
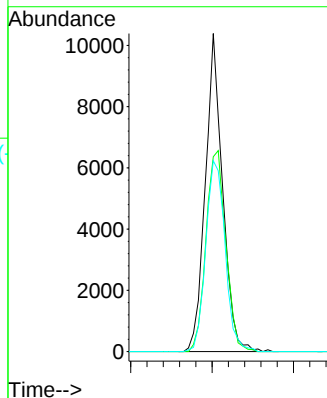
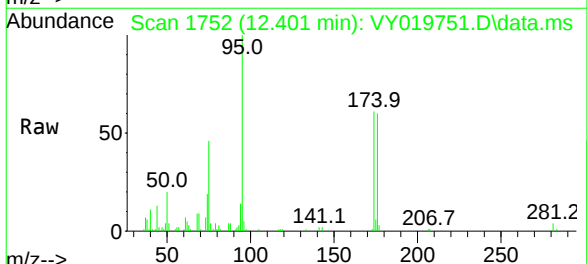
Tgt Ion: 95 Resp: 15317

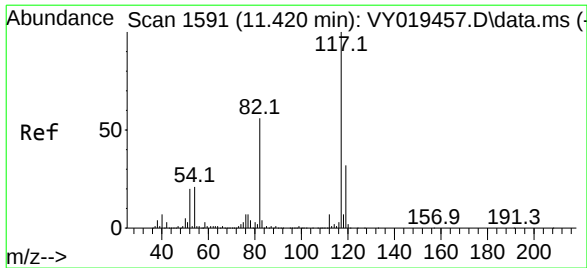
Ion Ratio Lower Upper

95 100

174 72.4 0.0 175.6

176 67.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019751.D

Acq: 01 Oct 2024 19:08

Instrument :

MSVOA_Y

ClientSampleId :

TP3-VOC

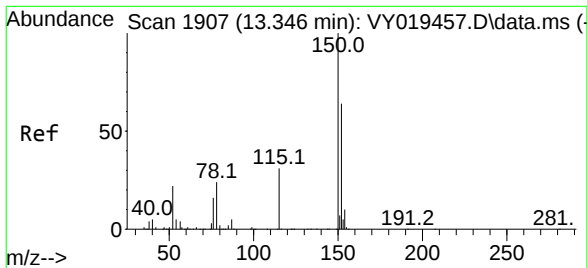
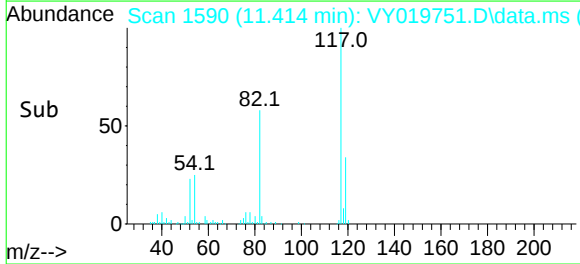
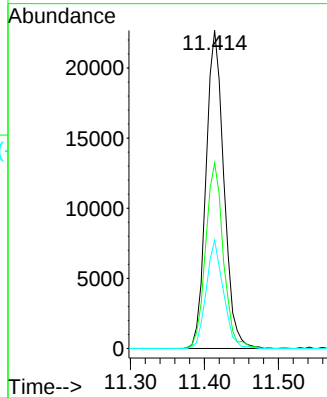
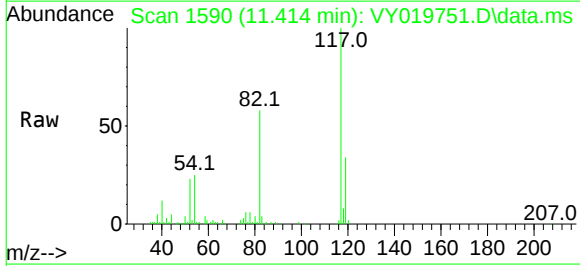
Tgt Ion:117 Resp: 38008

Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 34.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019751.D

Acq: 01 Oct 2024 19:08

Tgt Ion:152 Resp: 9881

Ion Ratio Lower Upper

152 100

115 64.0 28.2 84.7

150 155.8 0.0 345.6

