

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019748.D
 Acq On : 01 Oct 2024 17:58
 Operator : SY/MD
 Sample : P4236-14
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-VOC

Quant Time: Oct 02 03:17:54 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)

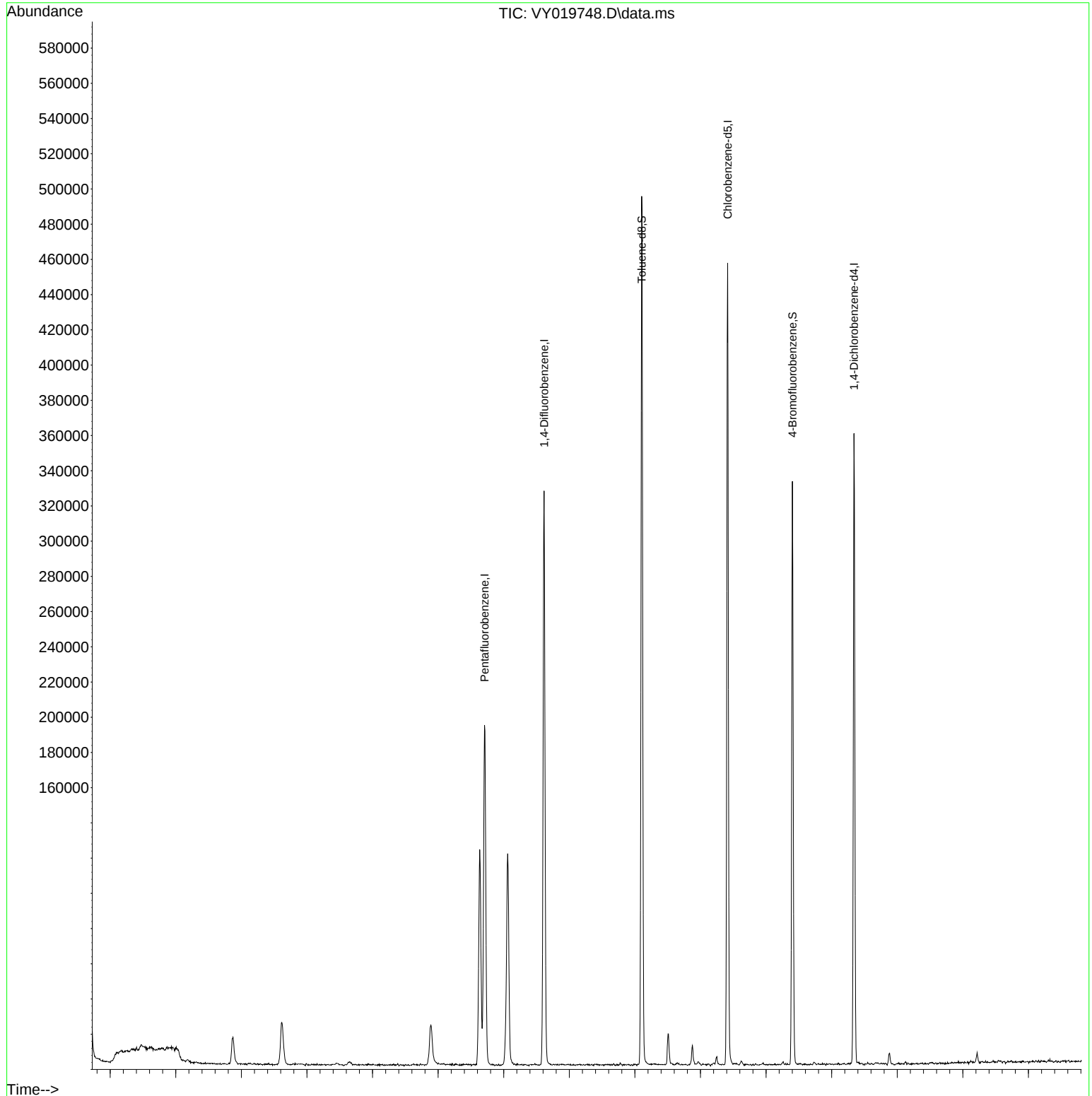
Internal Standards						
1) Pentafluorobenzene	7.707	168	145351	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	272118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	235279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	86833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89226	66.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.580%
35) Dibromofluoromethane	7.634	113	88047	57.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.140%
50) Toluene-d8	10.103	98	318378	55.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.580%
62) 4-Bromofluorobenzene	12.401	95	104707	47.719	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.440%
Target Compounds						
16) Acetone	3.872	43	27346	85.284	ug/l	# 81
20) Methylene Chloride	4.610	84	17870	12.220	ug/l	94

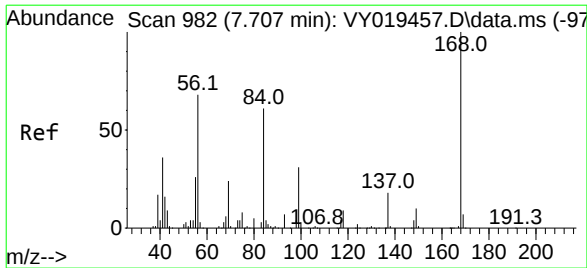
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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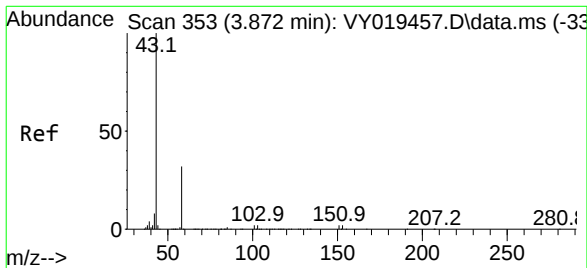
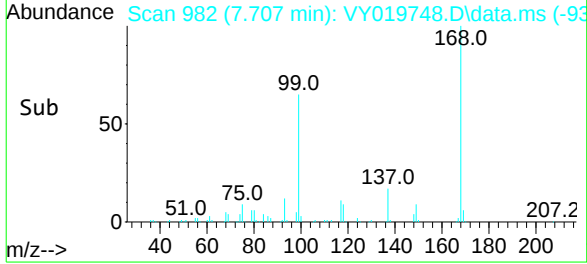
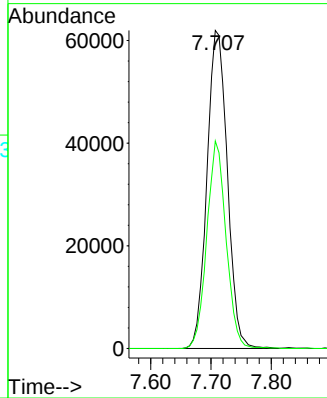
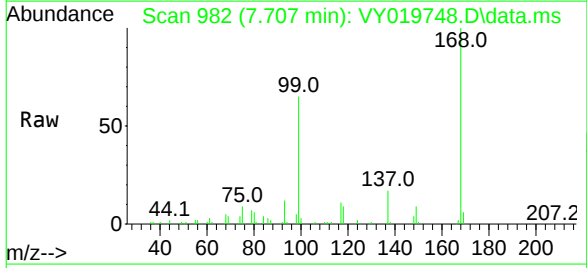




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

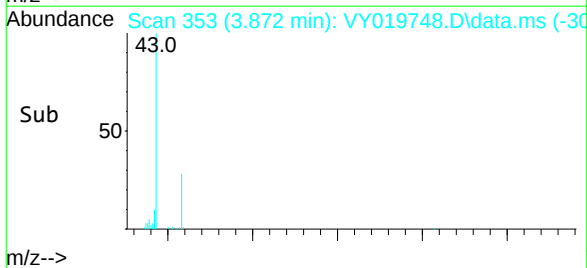
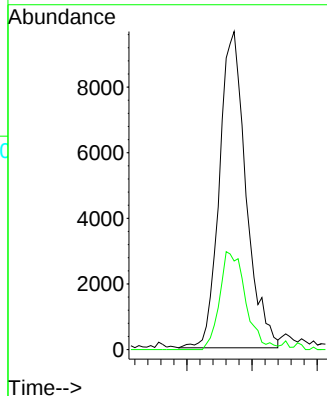
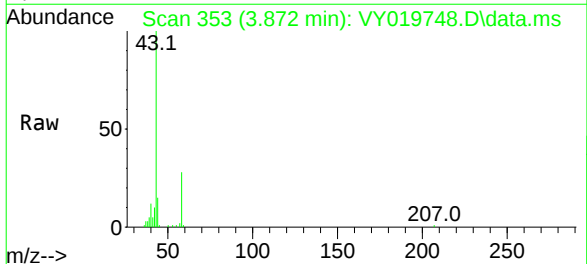
Instrument :
MSVOA_Y
ClientSampleId :
TP2-VOC

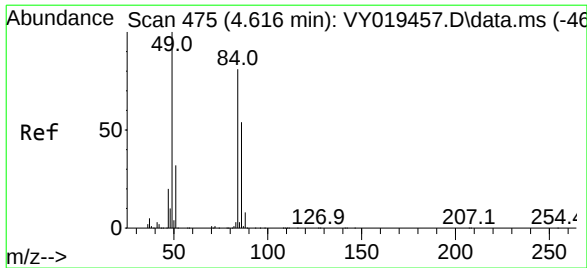
Tgt Ion:168 Resp: 145351
Ion Ratio Lower Upper
168 100
99 65.2 39.1 58.7#



#16
Acetone
Concen: 85.284 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Tgt Ion: 43 Resp: 27346
Ion Ratio Lower Upper
43 100
58 28.0 31.7 47.5#

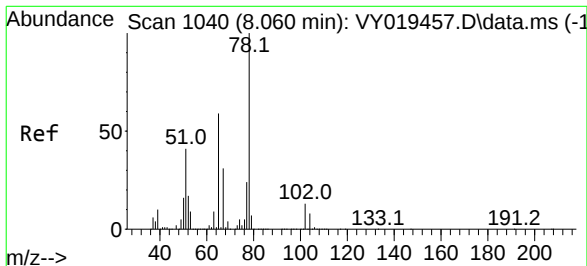
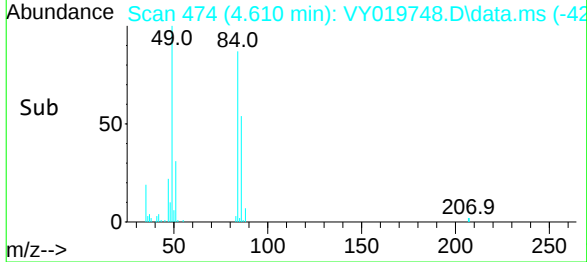
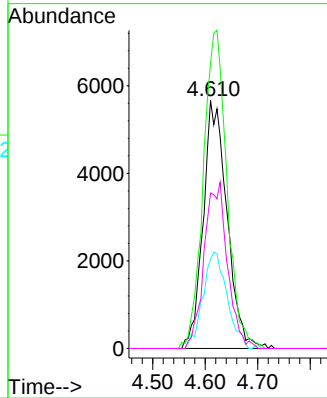
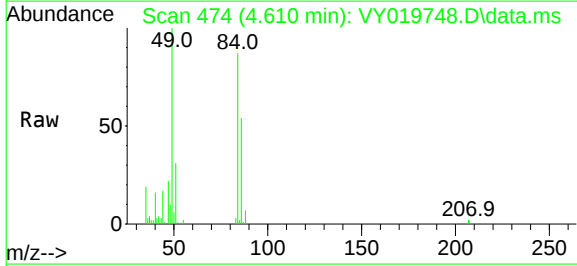




#20
Methylene Chloride
Concen: 12.220 ug/l
RT: 4.610 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

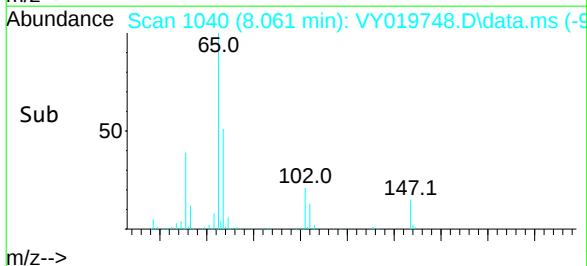
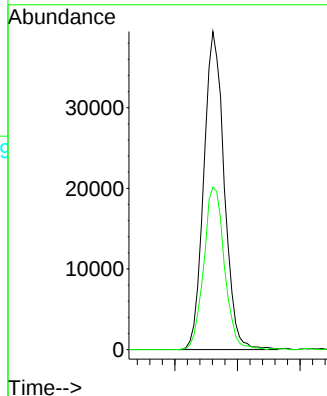
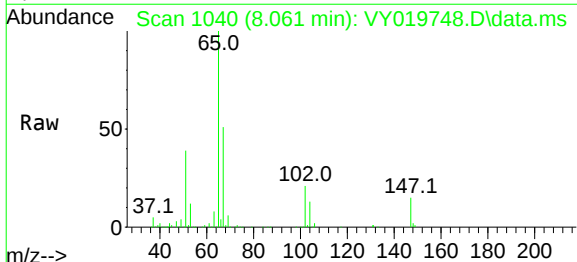
Instrument :
MSVOA_Y
ClientSampleId :
TP2-VOC

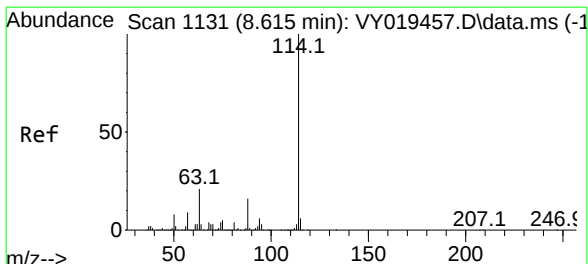
Tgt Ion:	84	Resp:	17870
Ion	Ratio	Lower	Upper
84	100		
49	115.1	84.4	126.6
51	36.0	26.0	39.0
86	62.7	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 66.294 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Tgt Ion:	65	Resp:	89226
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	109.6

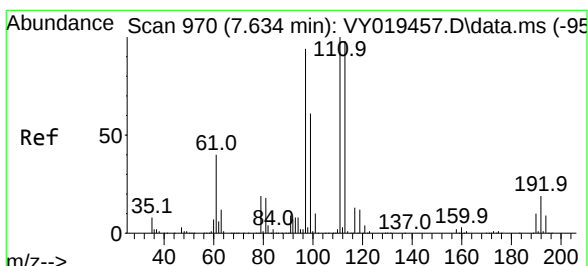
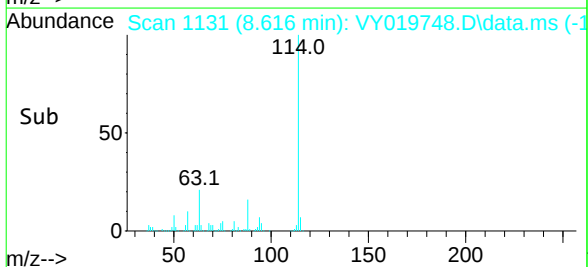
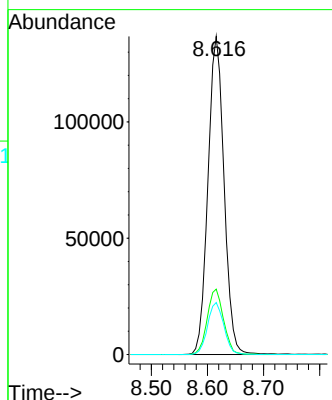
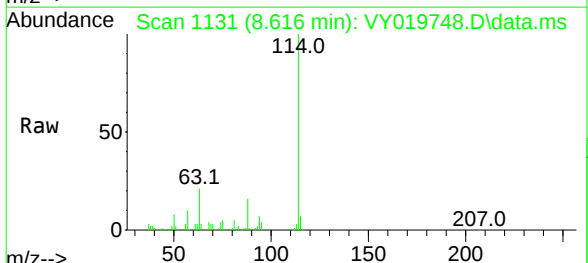




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

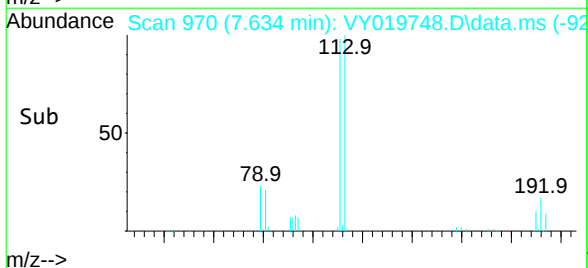
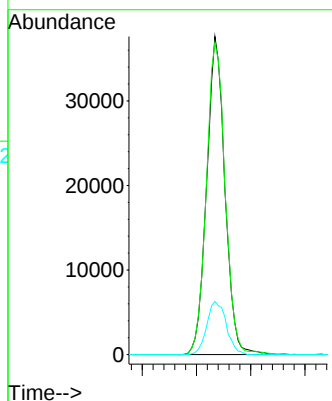
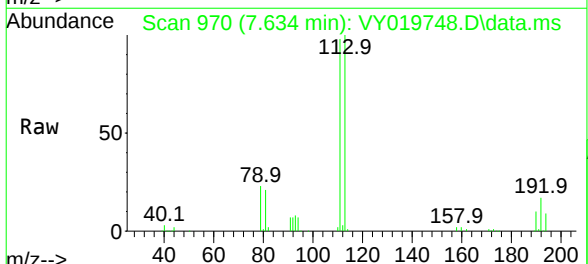
Instrument :
MSVOA_Y
ClientSampleId :
TP2-VOC

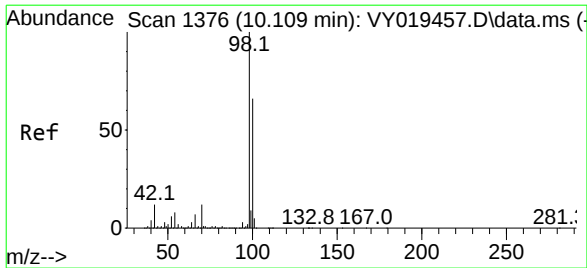
Tgt Ion:	114	Resp:	272118
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	35.0
88	16.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 57.067 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Tgt Ion:	113	Resp:	88047
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	17.9	15.9	23.9





#50

Toluene-d8

Concen: 55.790 ug/l

RT: 10.103 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY019748.D

Acq: 01 Oct 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

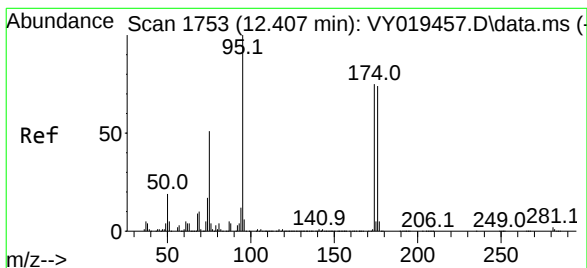
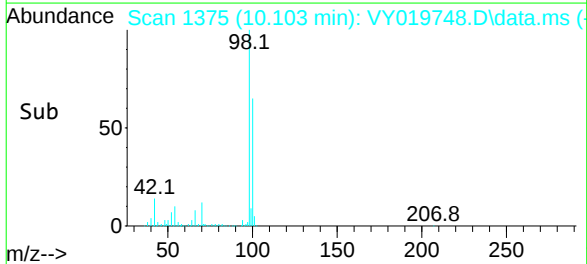
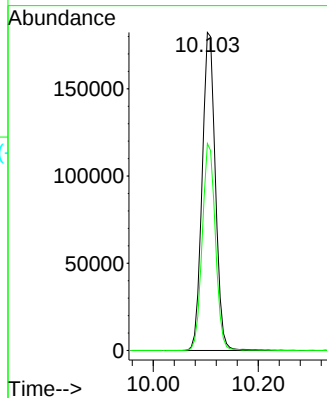
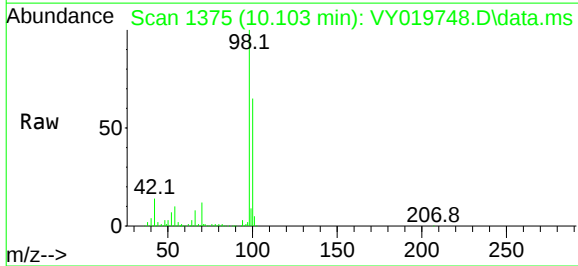
TP2-VOC

Tgt Ion: 98 Resp: 318378

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.719 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019748.D

Acq: 01 Oct 2024 17:58

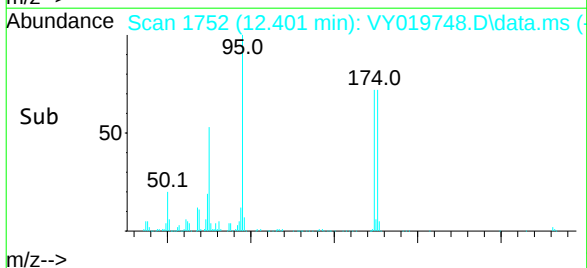
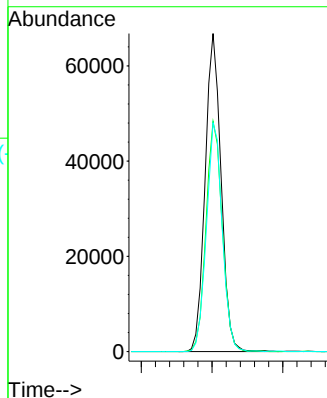
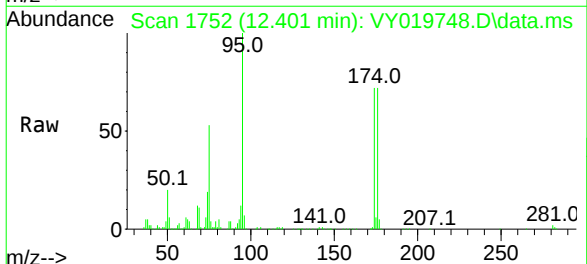
Tgt Ion: 95 Resp: 104707

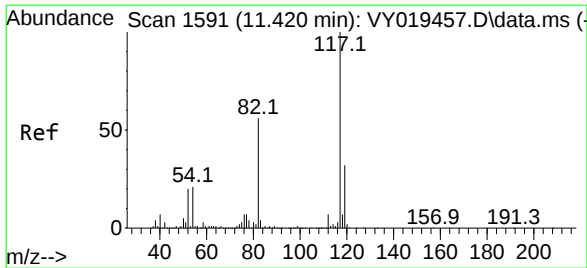
Ion Ratio Lower Upper

95 100

174 73.6 0.0 175.6

176 71.3 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: VY019748.D

Acq: 01 Oct 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

TP2-VOC

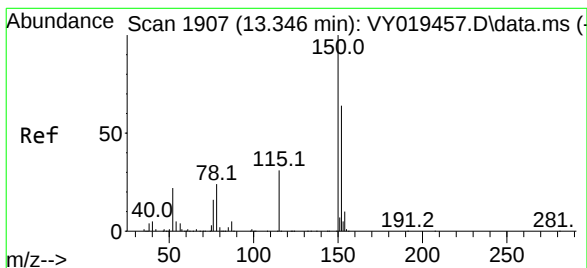
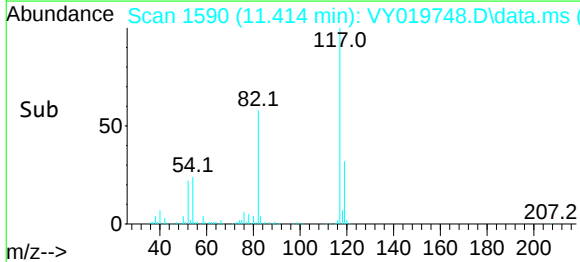
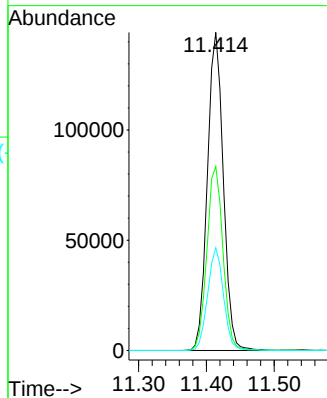
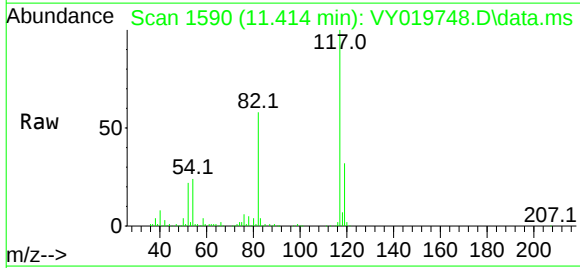
Tgt Ion:117 Resp: 235279

Ion Ratio Lower Upper

117 100

82 57.8 42.4 63.6

119 32.3 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: VY019748.D

Acq: 01 Oct 2024 17:58

Tgt Ion:152 Resp: 86833

Ion Ratio Lower Upper

152 100

115 60.3 28.2 84.7

150 158.0 0.0 345.6

