

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019750.D
 Acq On : 01 Oct 2024 18:45
 Operator : SY/MD
 Sample : P4236-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4-VOC

Quant Time: Oct 02 03:18:43 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)

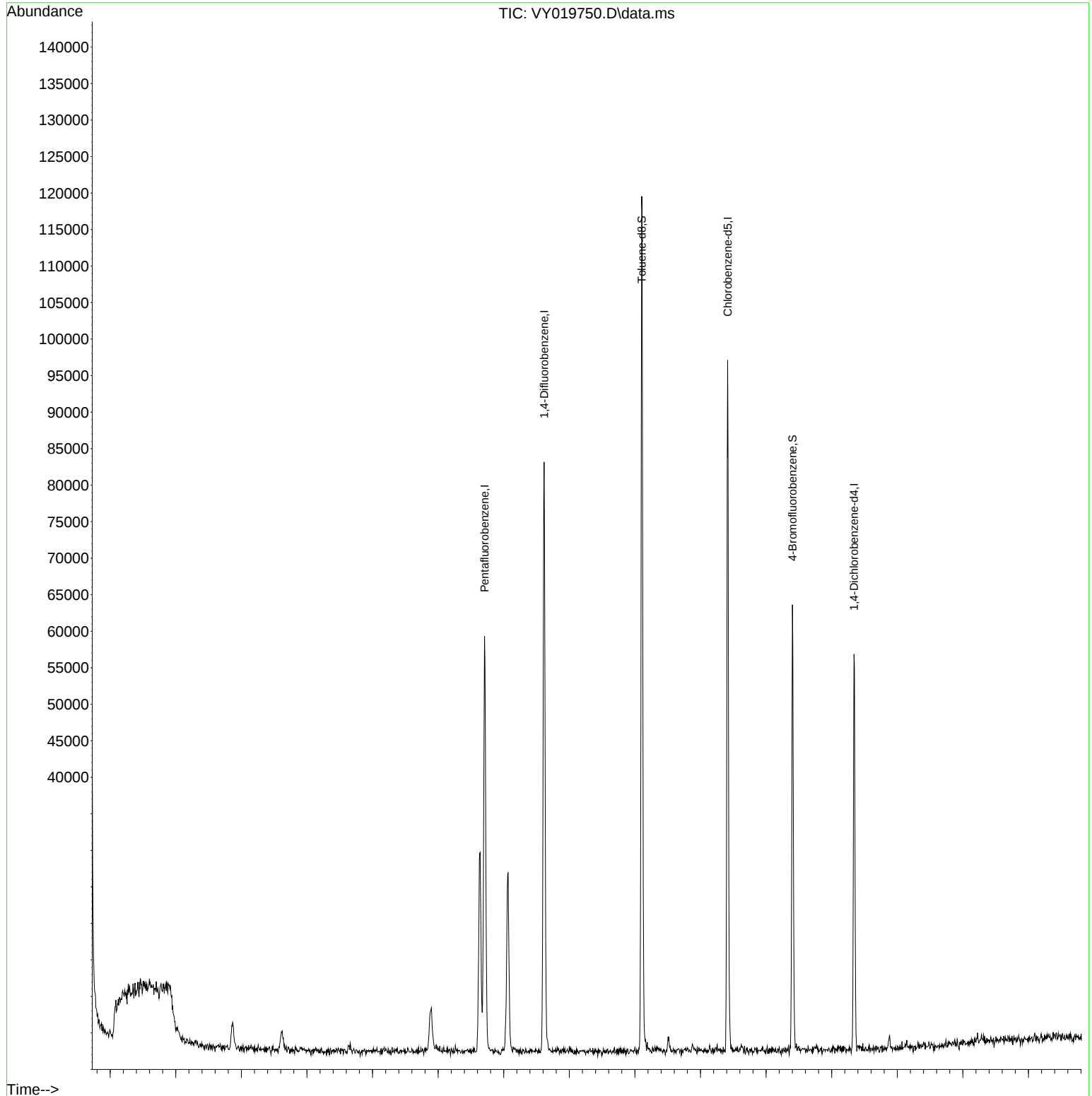
Internal Standards						
1) Pentafluorobenzene	7.707	168	39388	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	67807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	49391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	13373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	19355	53.068	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.140%		
35) Dibromofluoromethane	7.640	113	21251	55.276	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.560%		
50) Toluene-d8	10.103	98	76841	54.037	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.080%		
62) 4-Bromofluorobenzene	12.402	95	18477	33.793	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 67.580%		
Target Compounds						
16) Acetone	3.860	43	7047	81.102	ug/l	Qvalue # 77

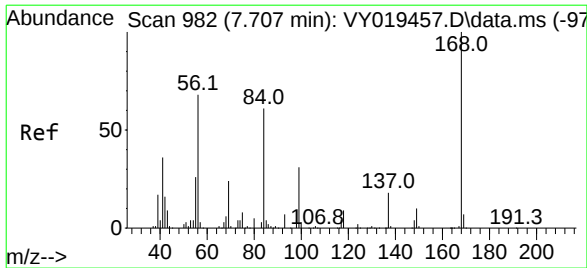
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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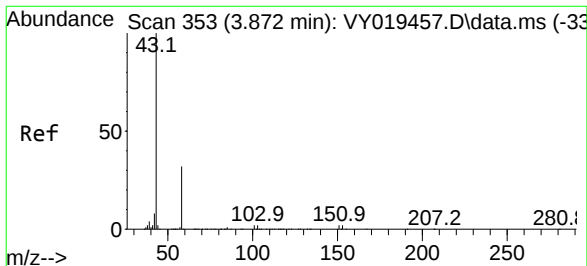
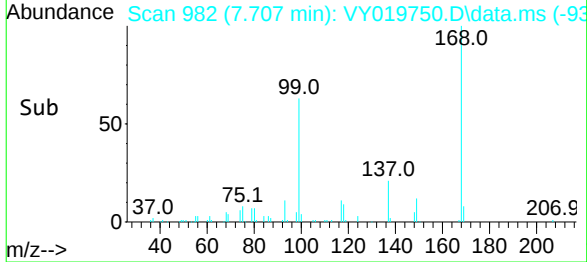
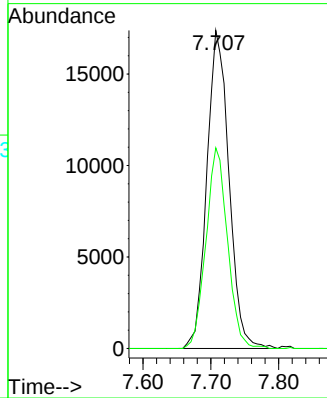
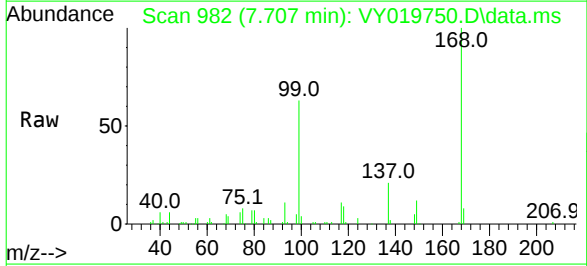




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

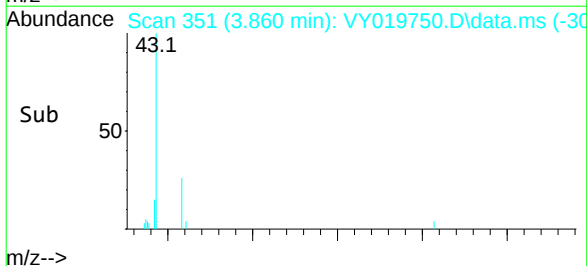
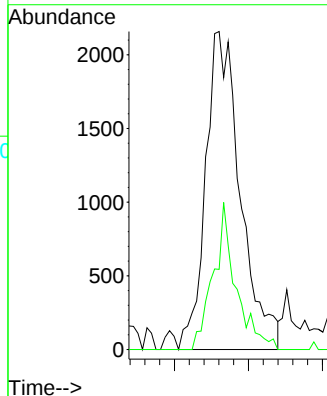
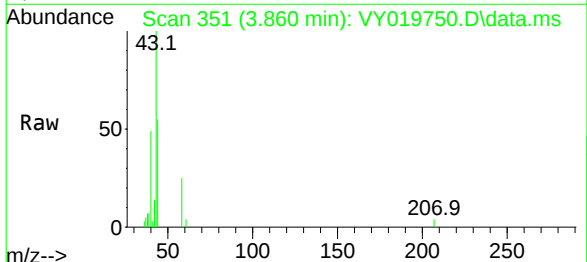
Instrument :
MSVOA_Y
ClientSampleId :
TP4-VOC

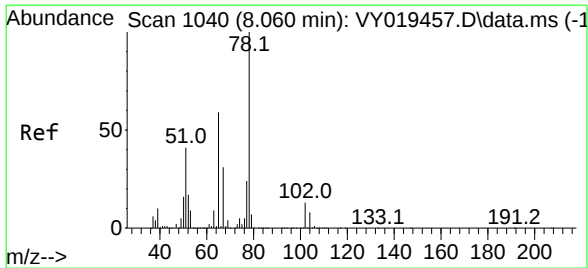
Tgt Ion:168 Resp: 39388
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#16
Acetone
Concen: 81.102 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Tgt Ion: 43 Resp: 7047
Ion Ratio Lower Upper
43 100
58 25.2 31.7 47.5#

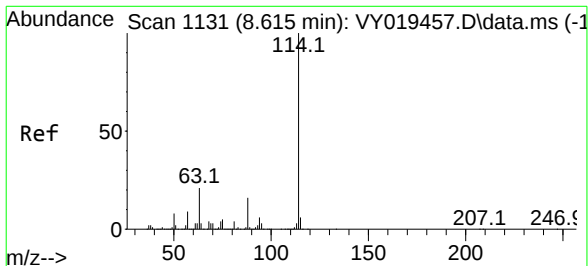
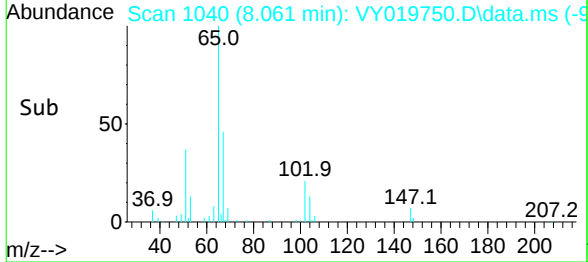
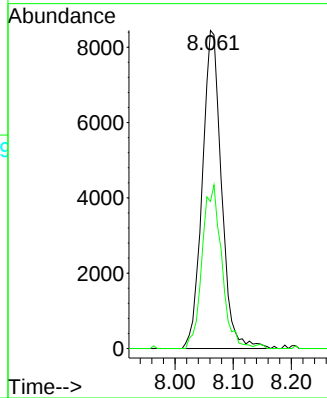
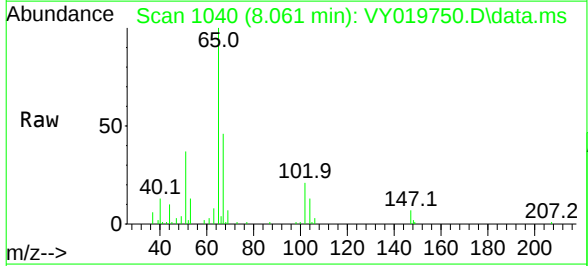




#33
1,2-Dichloroethane-d4
Concen: 53.068 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

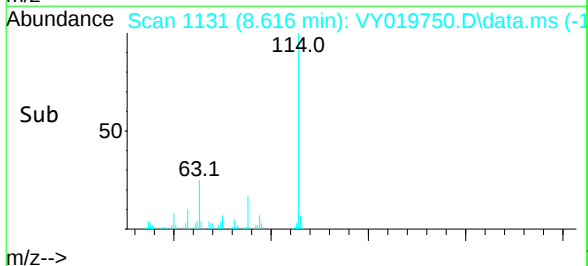
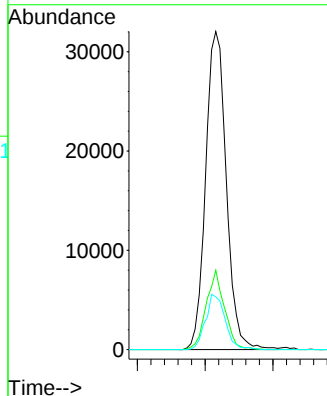
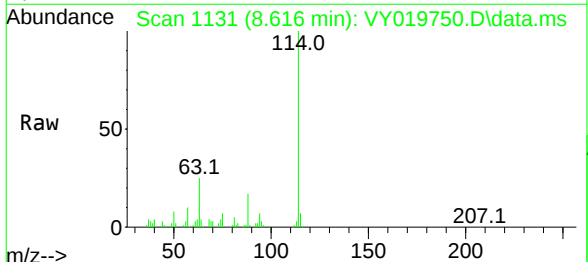
Instrument :
MSVOA_Y
ClientSampleId :
TP4-VOC

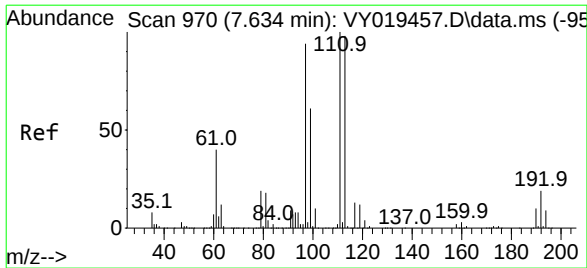
Tgt Ion: 65 Resp: 19355
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Tgt Ion: 114 Resp: 67807
Ion Ratio Lower Upper
114 100
63 24.9 0.0 35.0
88 16.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.276 ug/l

RT: 7.640 min Scan# 97

Delta R.T. 0.006 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

Instrument :

MSVOA_Y

ClientSampleId :

TP4-VOC

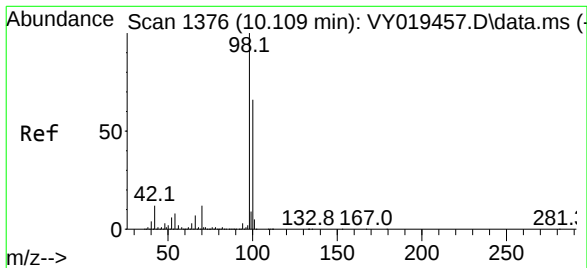
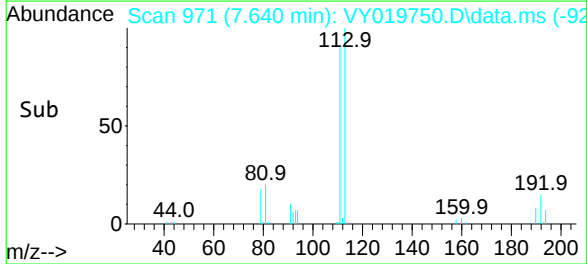
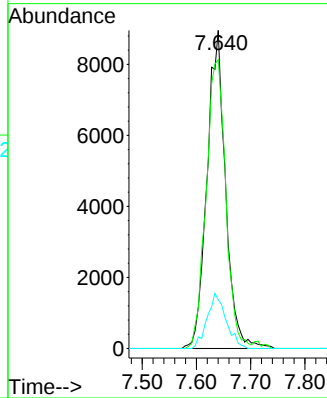
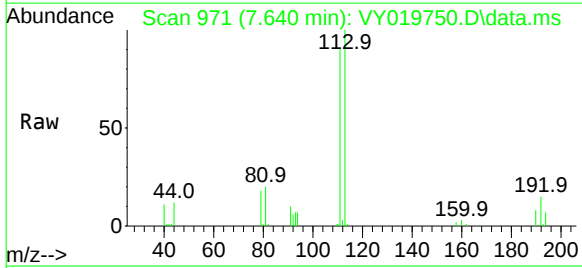
Tgt Ion:113 Resp: 21251

Ion Ratio Lower Upper

113 100

111 96.7 82.2 123.4

192 17.7 15.9 23.9



#50

Toluene-d8

Concen: 54.037 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019750.D

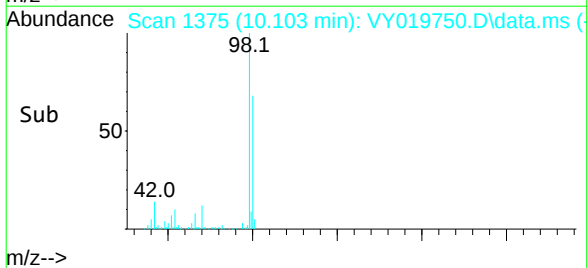
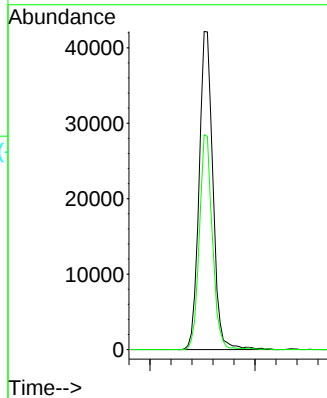
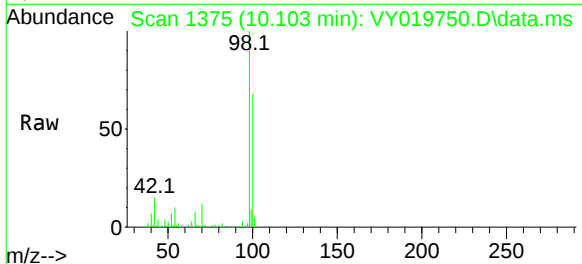
Acq: 01 Oct 2024 18:45

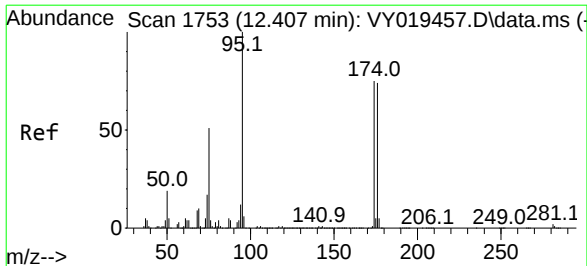
Tgt Ion: 98 Resp: 76841

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 33.793 ug/l

RT: 12.402 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

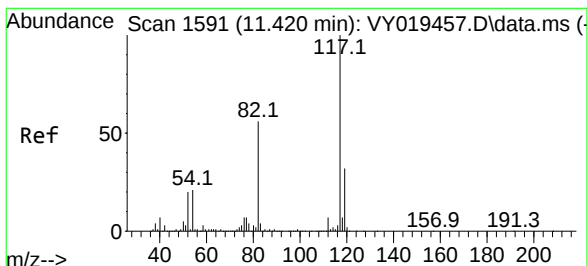
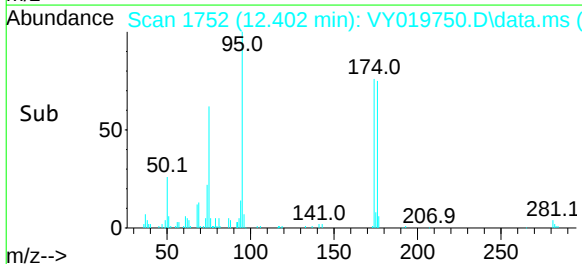
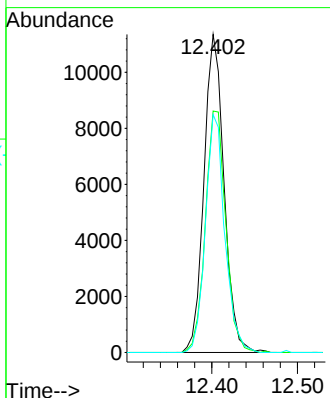
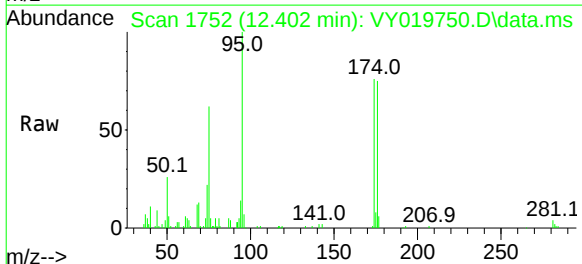
Instrument :

MSVOA_Y

ClientSampleId :

TP4-VOC

Tgt Ion:	95	Resp:	18477
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	175.6
176	72.1	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

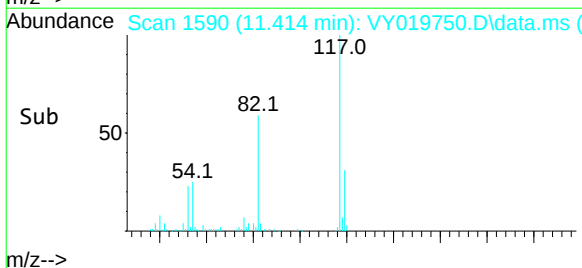
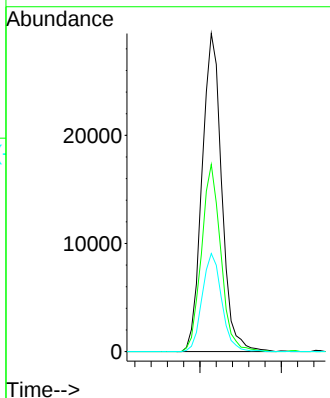
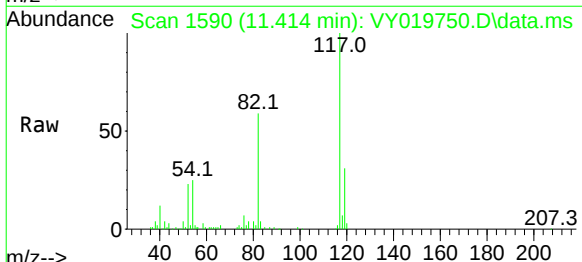
RT: 11.414 min Scan# 1590

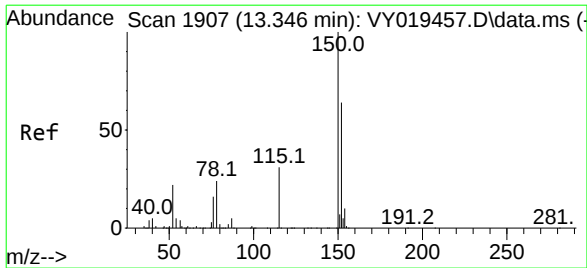
Delta R.T. -0.006 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

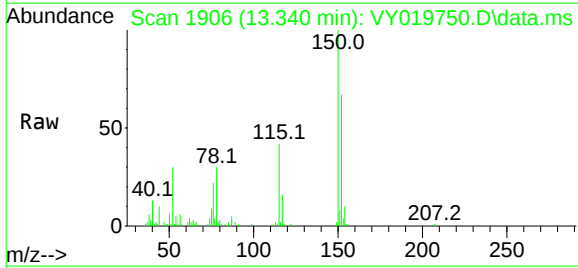
Tgt Ion:	117	Resp:	49391
Ion	Ratio	Lower	Upper
117	100		
82	58.8	42.4	63.6
119	30.8	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY019750.D
 Acq: 01 Oct 2024 18:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4-VOC



Tgt Ion:	152	Resp:	13373
Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.2	84.7
150	155.8	0.0	345.6

