

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020284.D
 Acq On : 13 Nov 2024 15:39
 Operator : SY/MD
 Sample : P4807-03
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC

Quant Time: Nov 14 00:58:47 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)

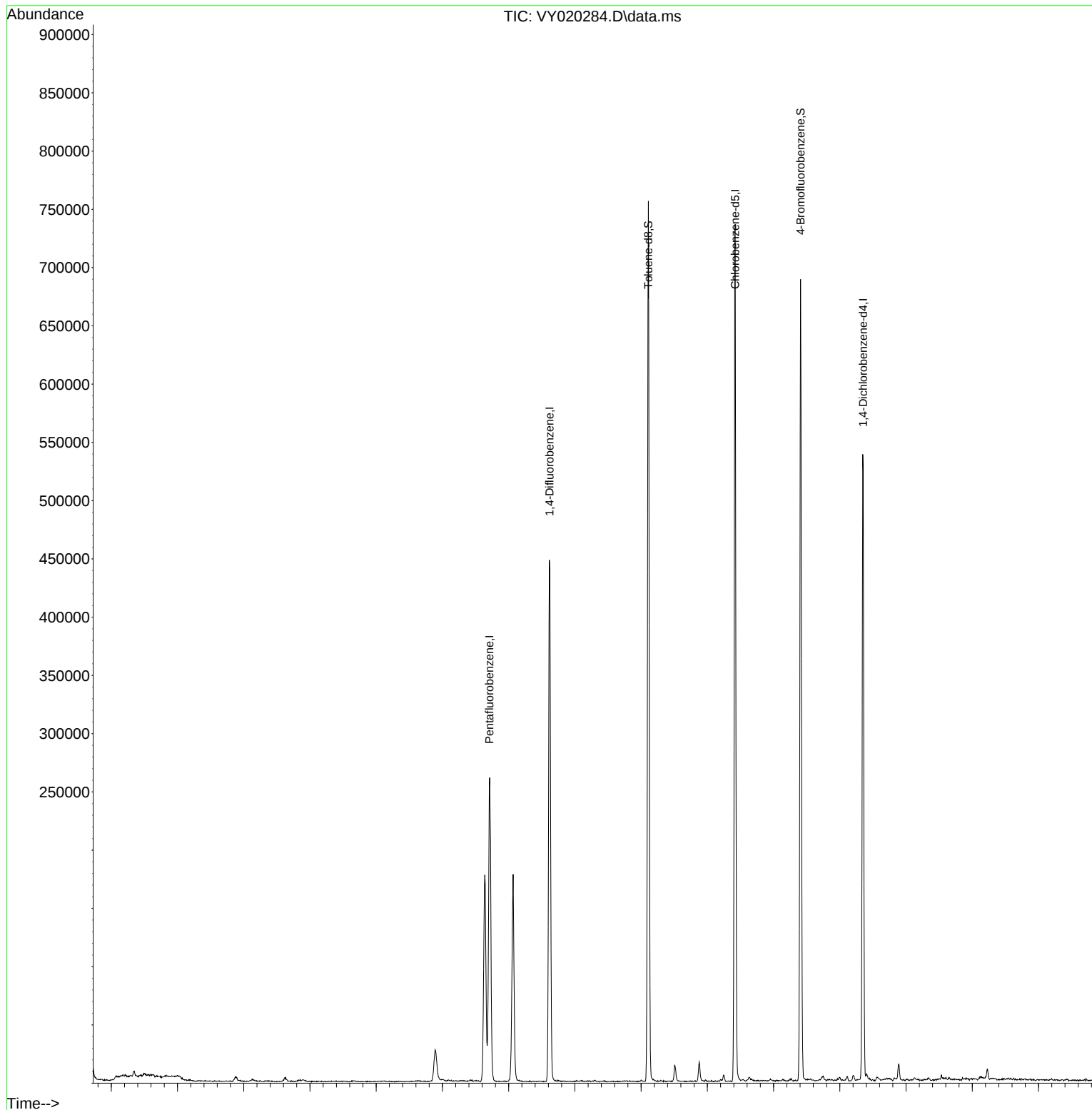
Internal Standards						
1) Pentafluorobenzene	7.707	168	190821	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	368844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	368600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	124057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124399	52.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.460%	
35) Dibromofluoromethane	7.640	113	126425	53.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.109	98	469703	50.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.407	95	198495	65.467	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 130.940%	
Target Compounds						
16) Acetone	3.872	43	7138	12.888	ug/l	# 79

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

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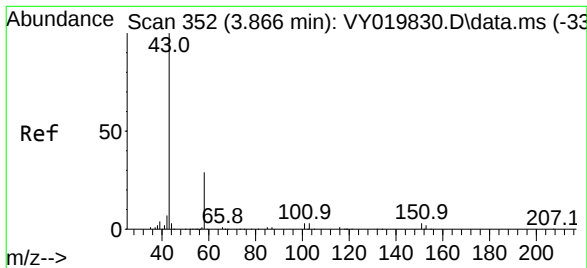
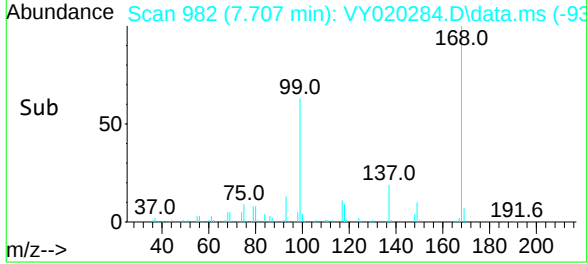
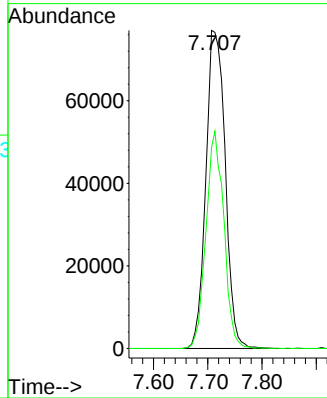
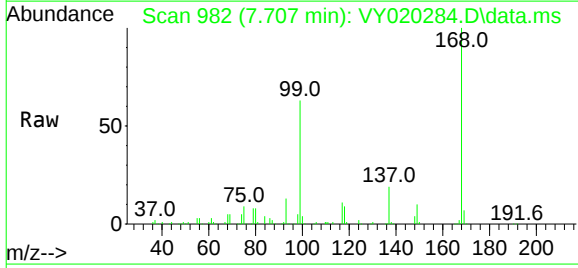




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

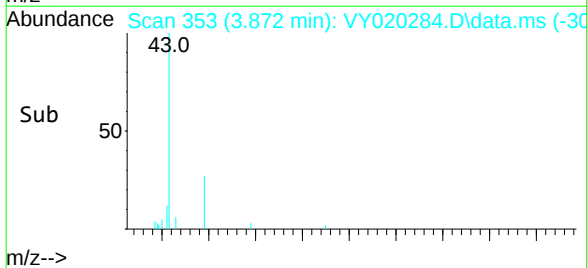
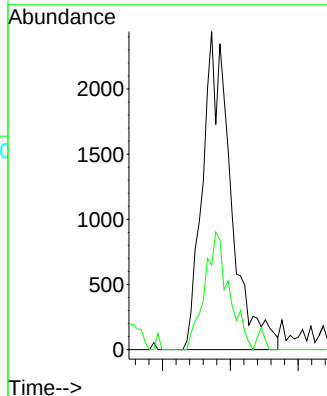
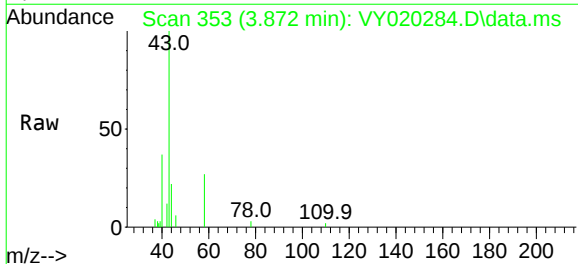
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

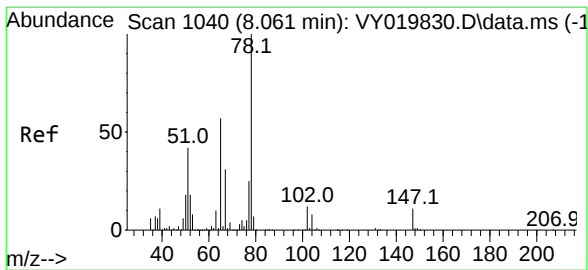
Tgt Ion:168 Resp: 190821
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#16
Acetone
Concen: 12.888 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

Tgt Ion: 43 Resp: 7138
Ion Ratio Lower Upper
43 100
58 26.6 31.7 47.5#

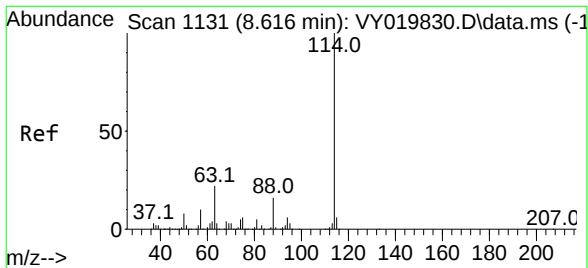
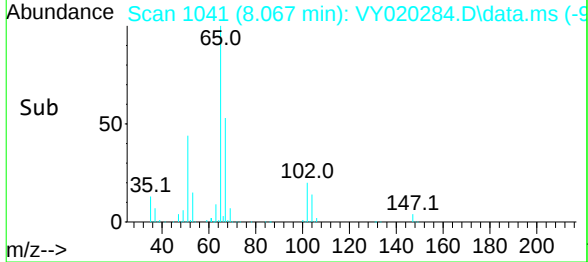
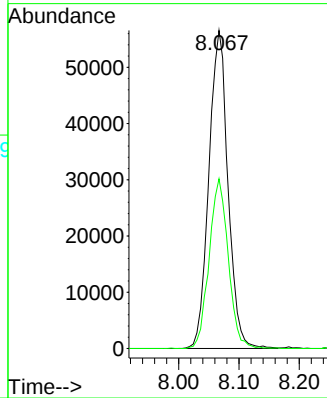
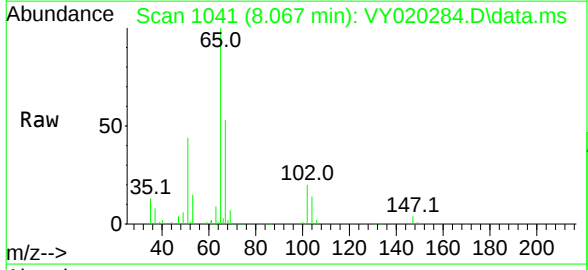




#33
 1,2-Dichloroethane-d4
 Concen: 52.234 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020284.D
 Acq: 13 Nov 2024 15:39

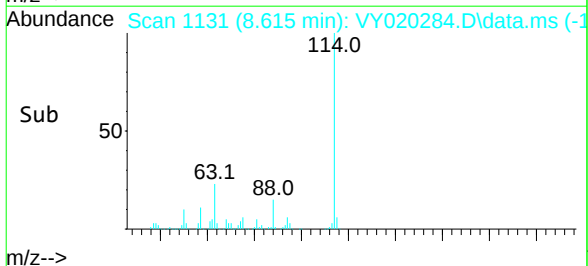
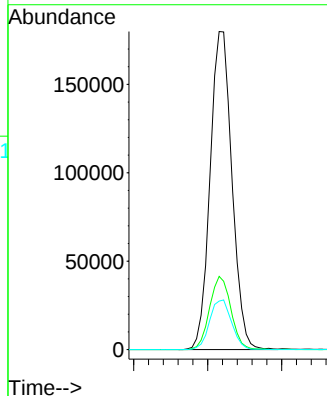
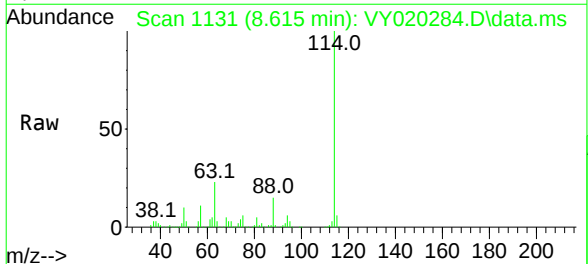
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC

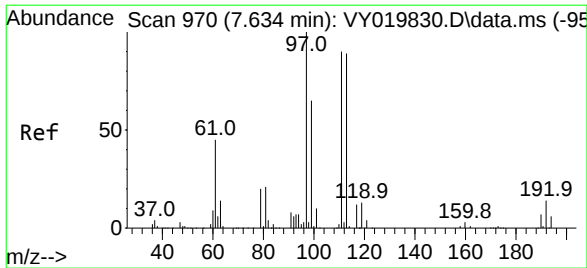
Tgt Ion: 65 Resp: 124399
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020284.D
 Acq: 13 Nov 2024 15:39

Tgt Ion: 114 Resp: 368844
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 35.0
 88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.910 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020284.D

Acq: 13 Nov 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-7-VOC

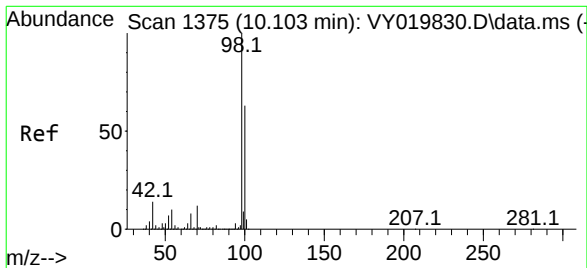
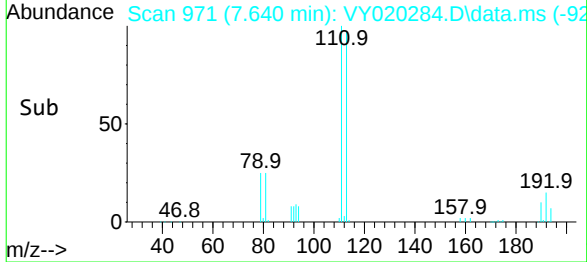
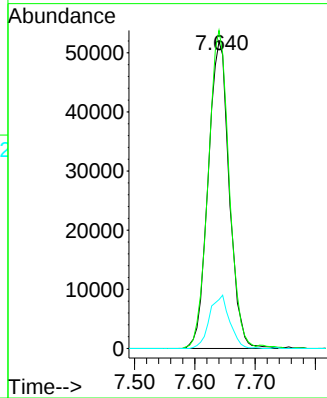
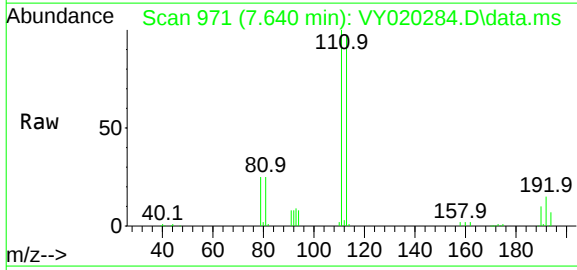
Tgt Ion:113 Resp: 126425

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 16.5 15.9 23.9



#50

Toluene-d8

Concen: 50.318 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020284.D

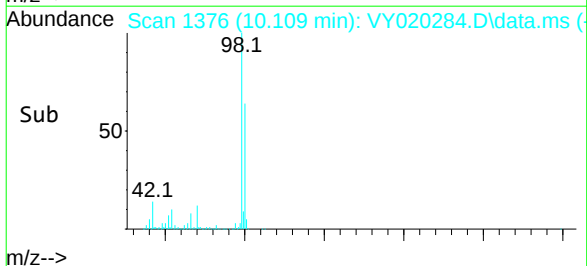
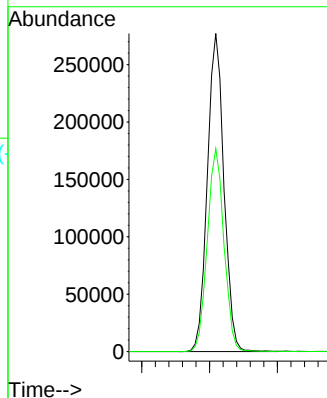
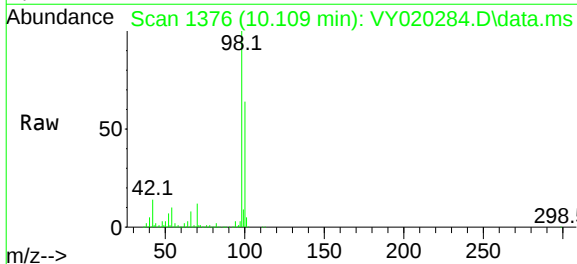
Acq: 13 Nov 2024 15:39

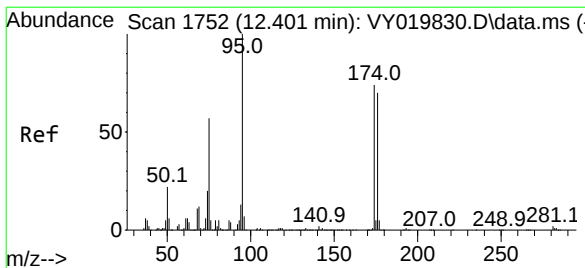
Tgt Ion: 98 Resp: 469703

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 65.467 ug/l

RT: 12.407 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020284.D

Acq: 13 Nov 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-7-VOC

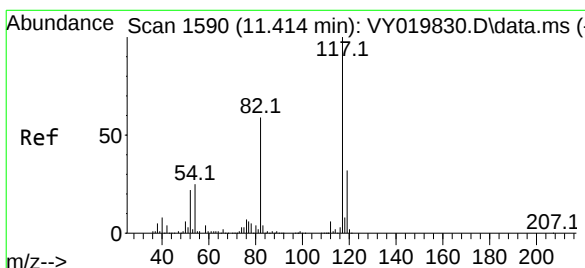
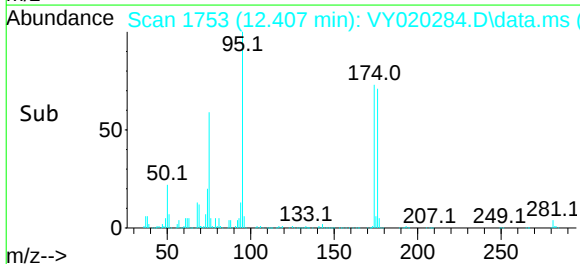
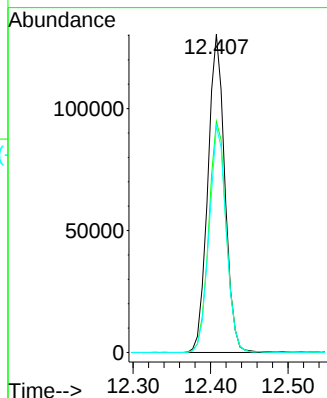
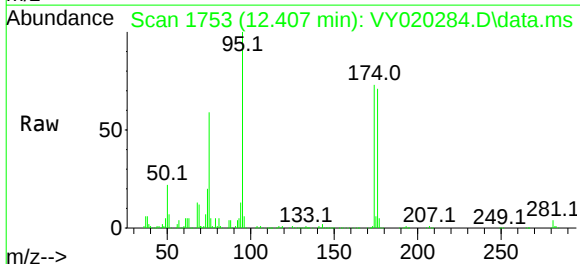
Tgt Ion: 95 Resp: 198495

Ion Ratio Lower Upper

95 100

174 74.5 0.0 175.6

176 71.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020284.D

Acq: 13 Nov 2024 15:39

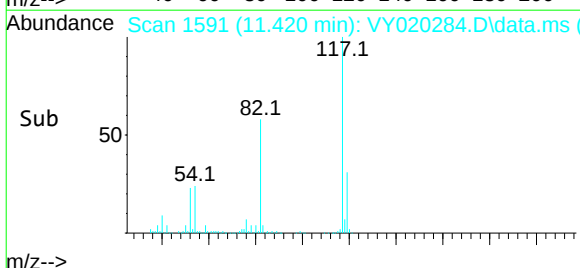
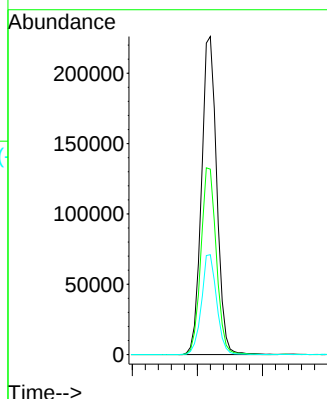
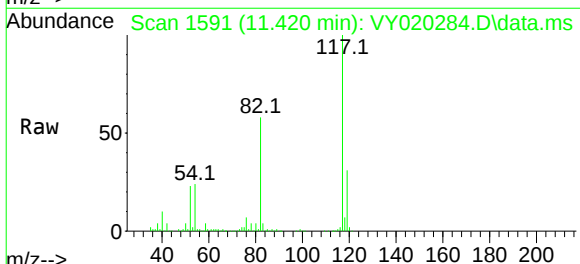
Tgt Ion: 117 Resp: 368600

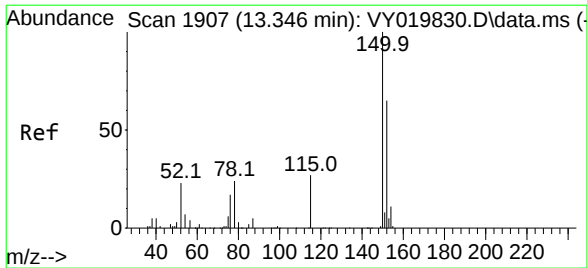
Ion Ratio Lower Upper

117 100

82 58.3 42.4 63.6

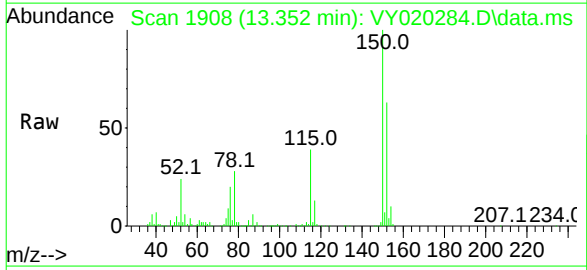
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY020284.D
 Acq: 13 Nov 2024 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC



Tgt Ion:	152	Resp:	124057
Ion Ratio	Lower	Upper	
152	100		
115	62.6	28.2	84.7
150	161.0	0.0	345.6

