

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020271.D
 Acq On : 12 Nov 2024 16:35
 Operator : SY/MD
 Sample : P4807-15
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-VOC

Quant Time: Nov 13 00:37:38 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)

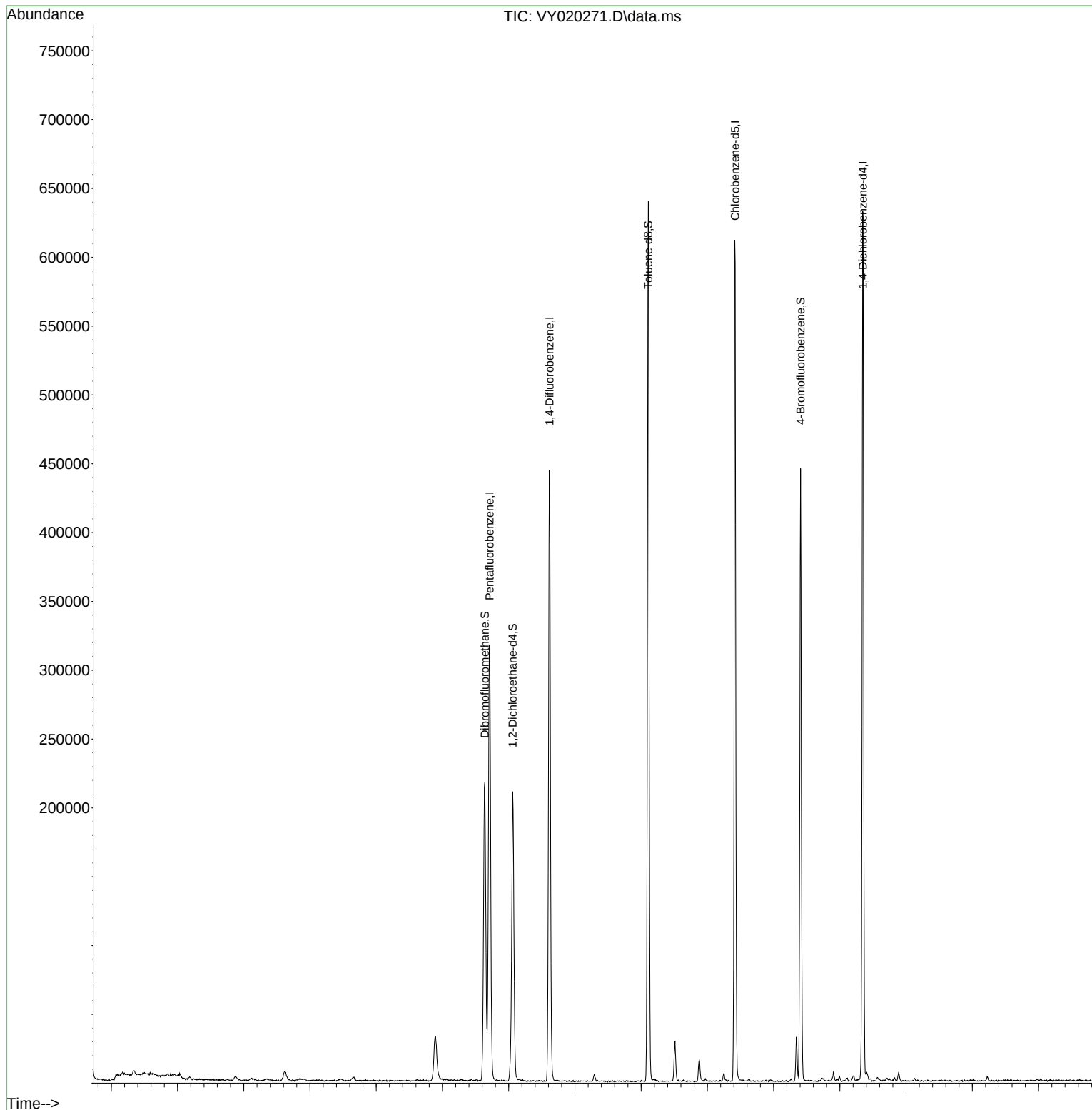
Internal Standards						
1) Pentafluorobenzene	7.713	168	228144	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	352010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	296552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153567	53.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.860%
35) Dibromofluoromethane	7.640	113	154126	68.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.740%
50) Toluene-d8	10.109	98	391624	43.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.920%
62) 4-Bromofluorobenzene	12.407	95	121630	42.034	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.060%
Target Compounds						
16) Acetone	3.872	43	5129	7.746	ug/l	Qvalue 98

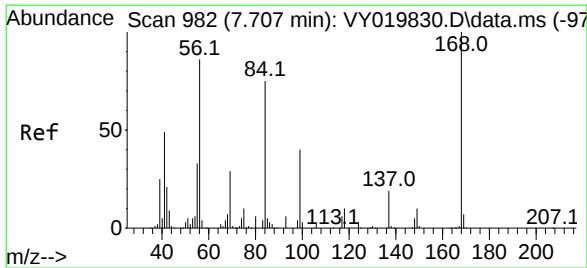
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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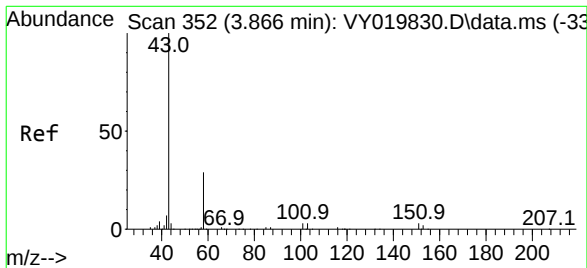
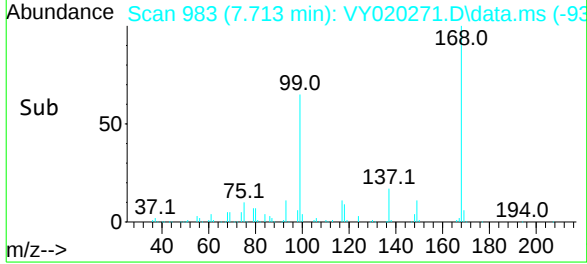
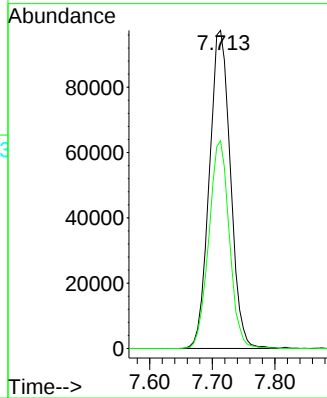
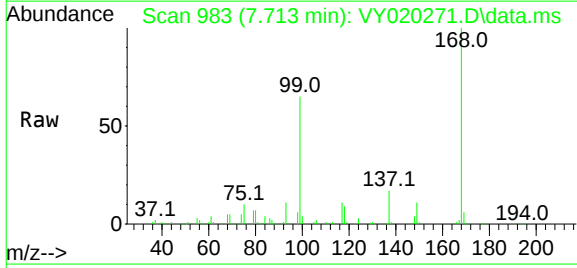




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

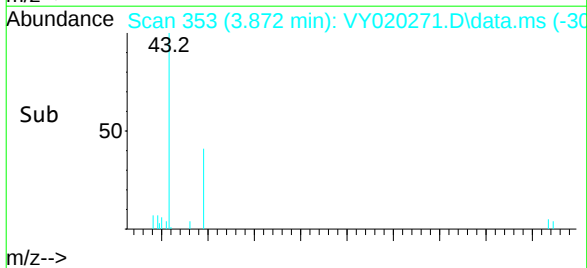
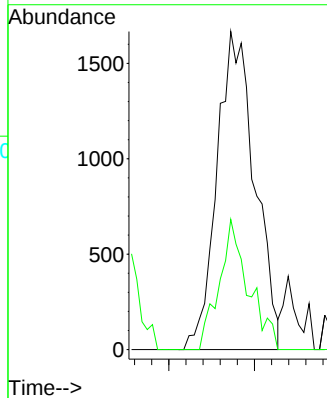
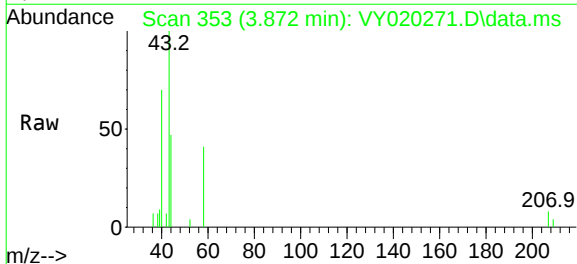
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-VOC

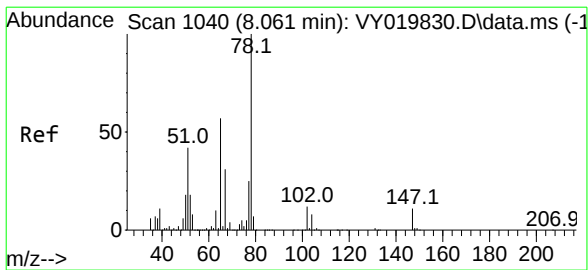
Tgt Ion:168 Resp: 228144
Ion Ratio Lower Upper
168 100
99 65.3 39.1 58.7#



#16
Acetone
Concen: 7.746 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

Tgt Ion: 43 Resp: 5129
Ion Ratio Lower Upper
43 100
58 40.9 31.7 47.5

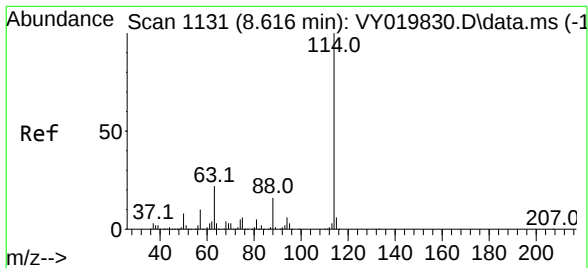
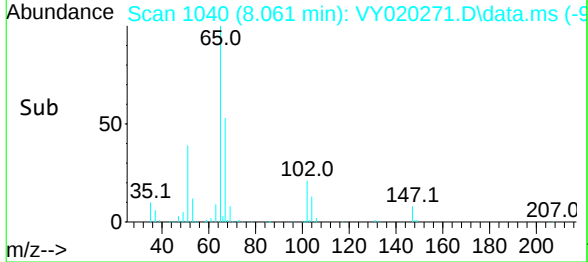
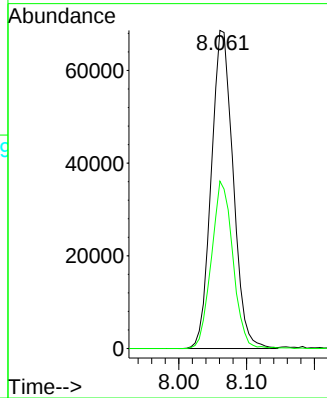
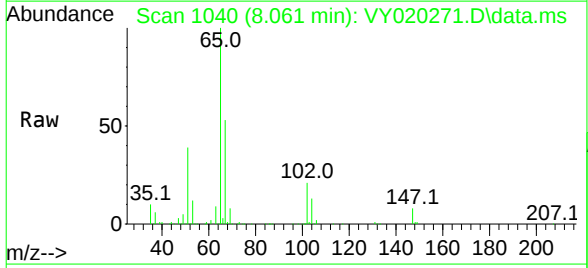




#33
1,2-Dichloroethane-d4
Concen: 53.933 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

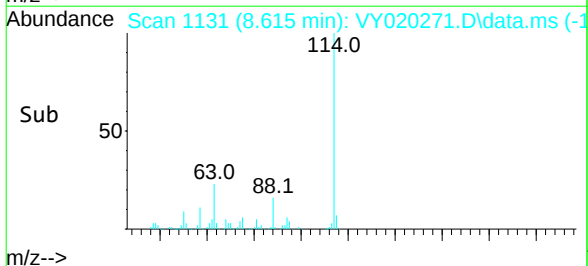
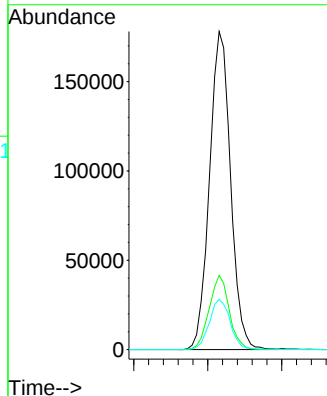
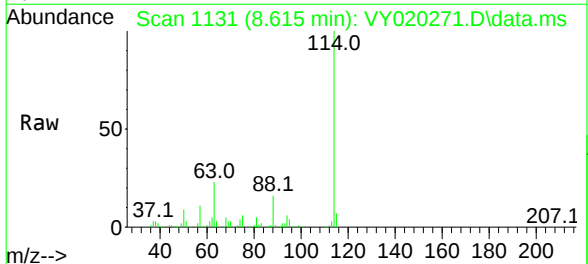
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-VOC

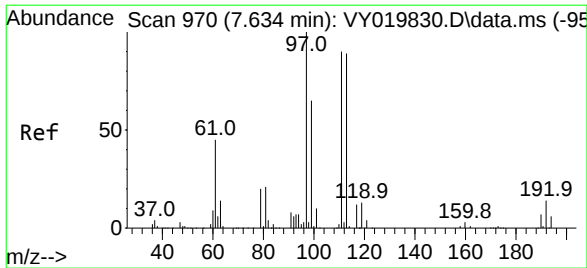
Tgt Ion: 65 Resp: 153567
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

Tgt Ion: 114 Resp: 352010
Ion Ratio Lower Upper
114 100
63 23.3 0.0 35.0
88 15.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 68.866 ug/l

RT: 7.640 min Scan# 97

Delta R.T. 0.006 min

Lab File: VY020271.D

Acq: 12 Nov 2024 16:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-VOC

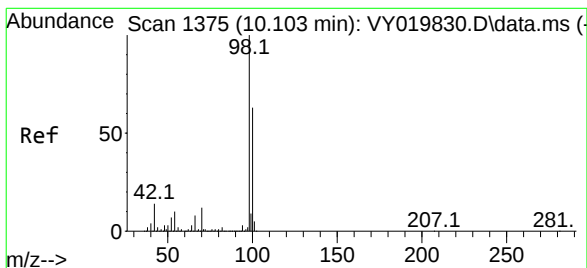
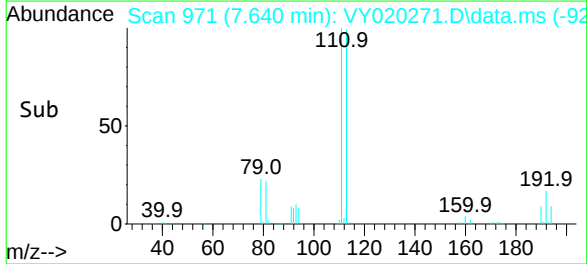
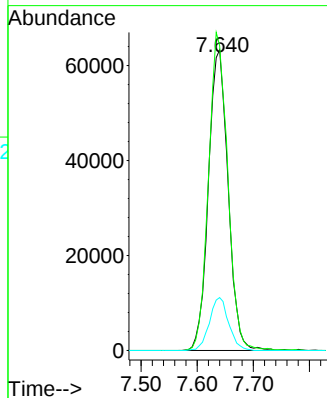
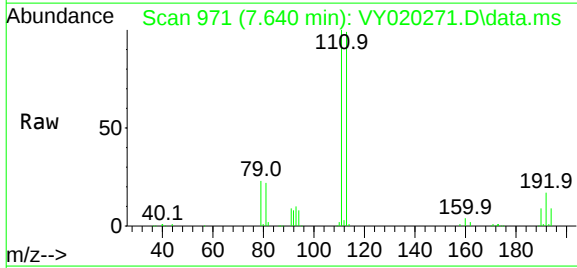
Tgt Ion:113 Resp: 154126

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.2 15.9 23.9



#50

Toluene-d8

Concen: 43.960 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020271.D

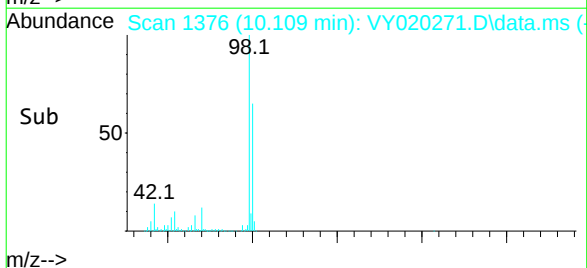
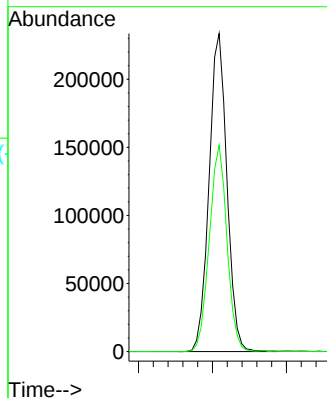
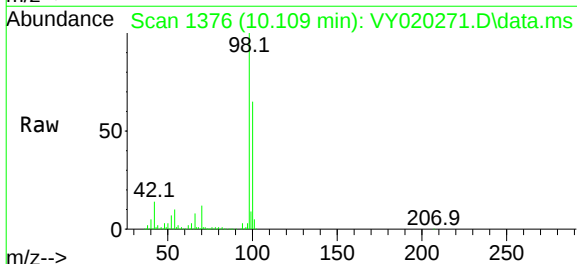
Acq: 12 Nov 2024 16:35

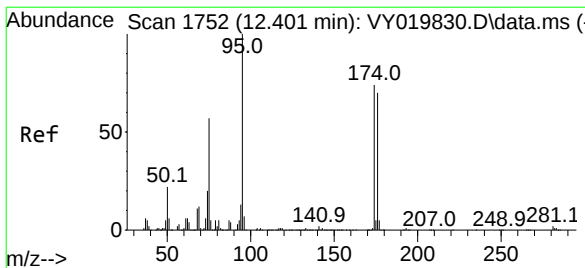
Tgt Ion: 98 Resp: 391624

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.034 ug/l

RT: 12.407 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020271.D

Acq: 12 Nov 2024 16:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-VOC

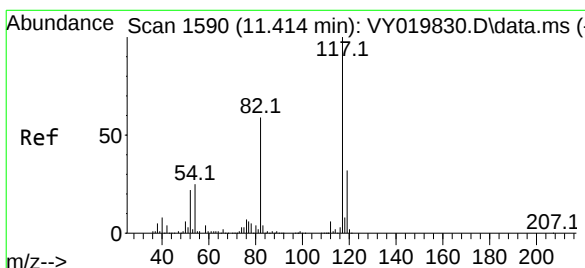
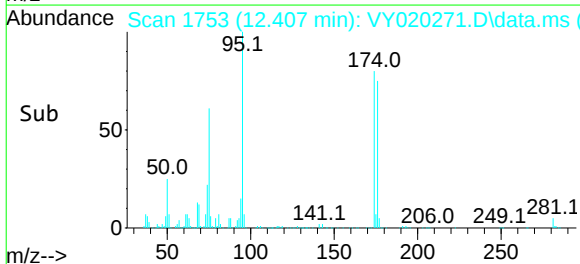
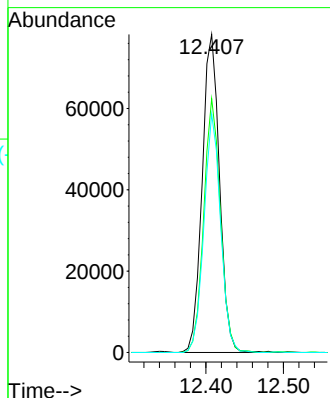
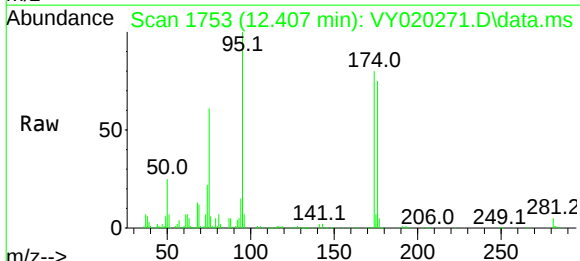
Tgt Ion: 95 Resp: 121630

Ion Ratio Lower Upper

95 100

174 76.9 0.0 175.6

176 71.8 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: VY020271.D

Acq: 12 Nov 2024 16:35

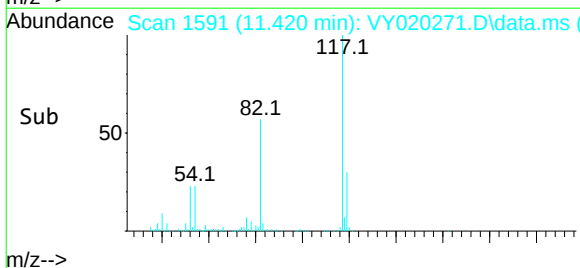
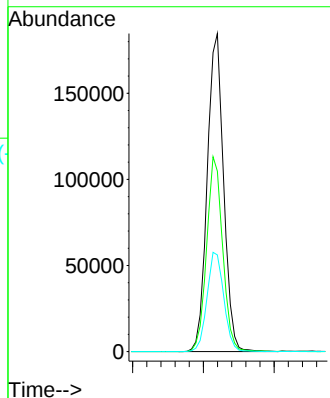
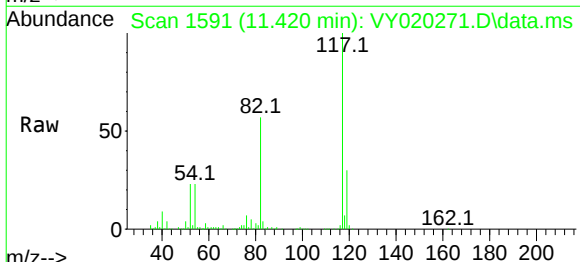
Tgt Ion: 117 Resp: 296552

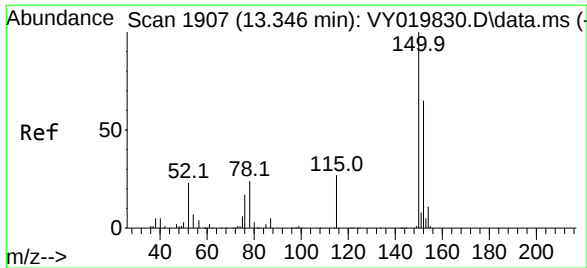
Ion Ratio Lower Upper

117 100

82 56.7 42.4 63.6

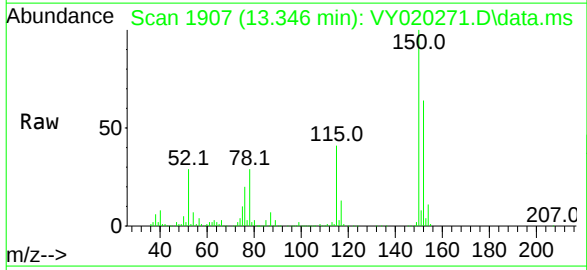
119 30.4 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-6-VOC



Tgt Ion:	152	Resp:	143969
Ion	Ratio	Lower	Upper
152	100		
115	63.1	28.2	84.7
150	159.1	0.0	345.6

