

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020149.D
 Acq On : 04 Nov 2024 17:43
 Operator : SY/MD
 Sample : P4694-07
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Z-04-VOC

Quant Time: Nov 05 00:35:47 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)

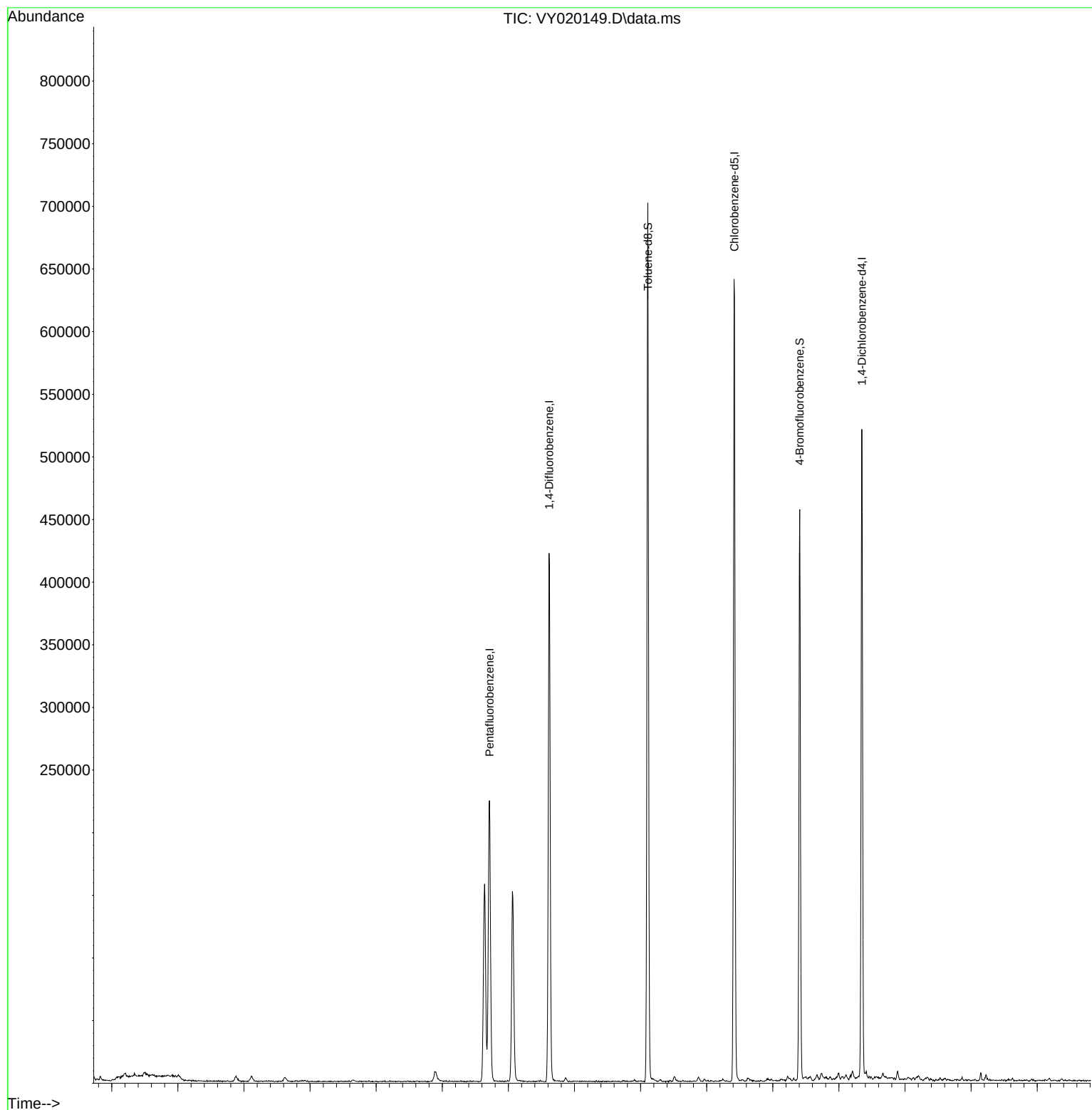
Internal Standards						
1) Pentafluorobenzene	7.713	168	156223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	330386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	114979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	116750	59.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.760%
35) Dibromofluoromethane	7.640	113	110009	52.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.109	98	418793	50.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.407	95	129056	47.519	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.040%
Target Compounds						
						Qvalue
16) Acetone	3.878	43	7119	15.700	ug/l	93
17) Carbon Disulfide	4.110	76	7410	1.321	ug/l	99
95) Naphthalene	15.145	128	4287	1.302	ug/l	100

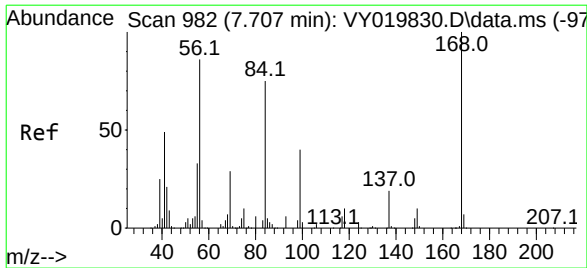
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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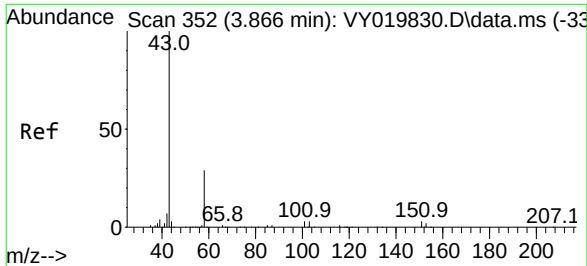
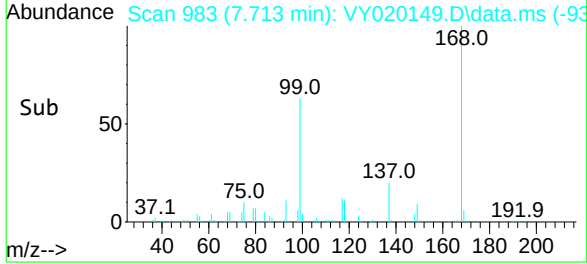
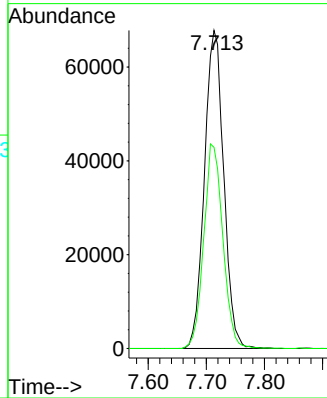
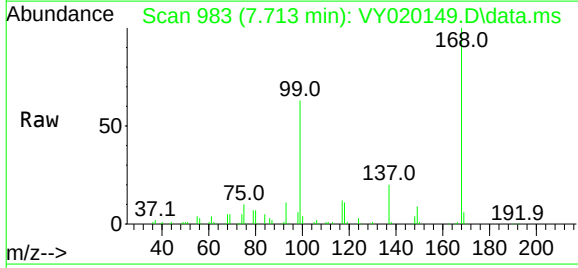




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

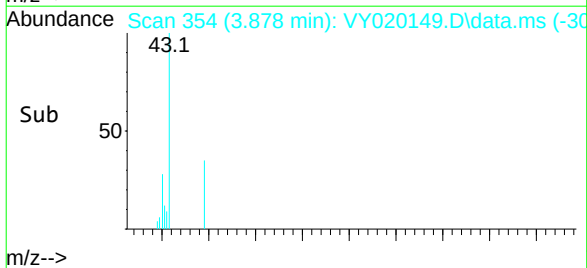
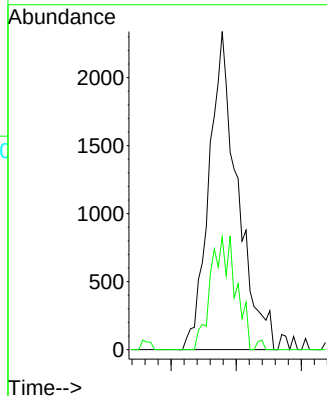
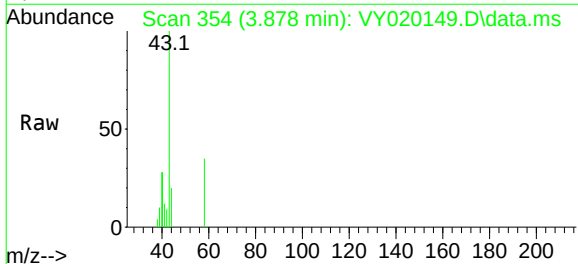
Instrument :
MSVOA_Y
ClientSampleId :
Z-04-VOC

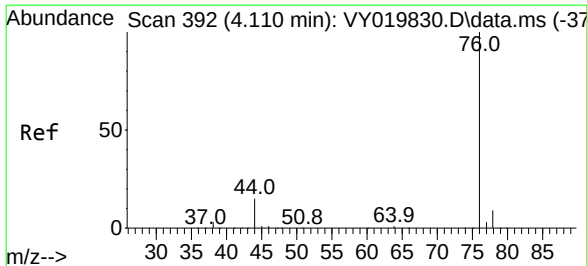
Tgt Ion:168 Resp: 156223
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#



#16
Acetone
Concen: 15.700 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

Tgt Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
58 35.4 31.7 47.5





#17

Carbon Disulfide

Concen: 1.321 ug/l

RT: 4.110 min Scan# 39

Delta R.T. 0.006 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :

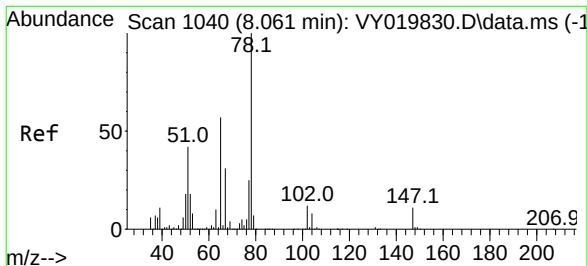
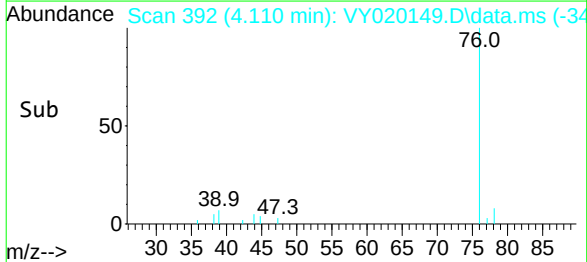
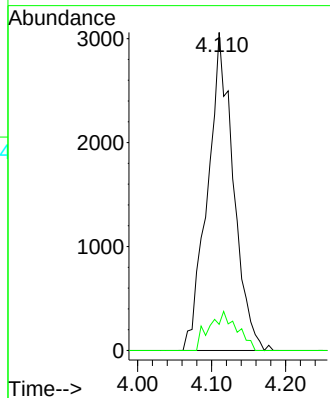
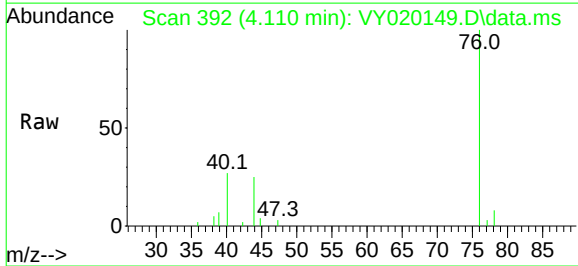
Z-04-VOC

Tgt Ion: 76 Resp: 7410

Ion Ratio Lower Upper

76 100

78 8.2 6.8 10.2



#33

1,2-Dichloroethane-d4

Concen: 59.879 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020149.D

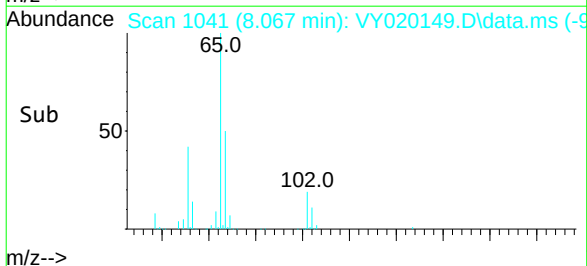
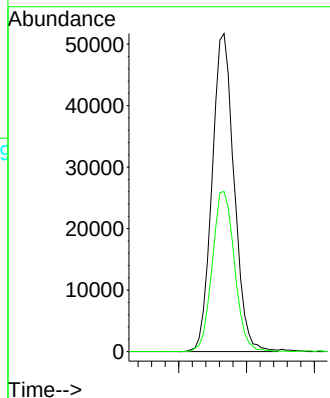
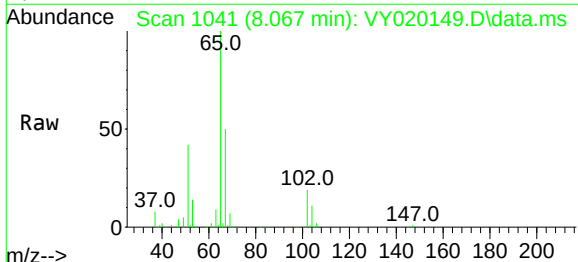
Acq: 04 Nov 2024 17:43

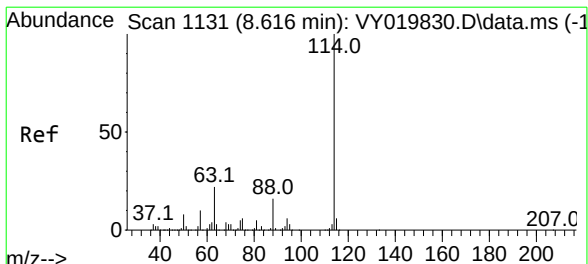
Tgt Ion: 65 Resp: 116750

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :

Z-04-VOC

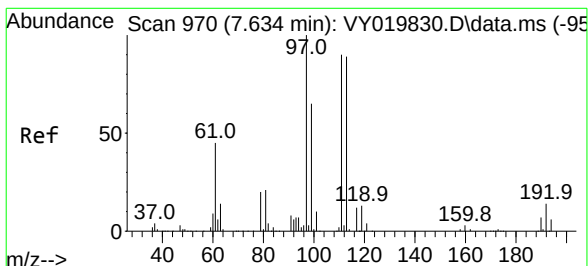
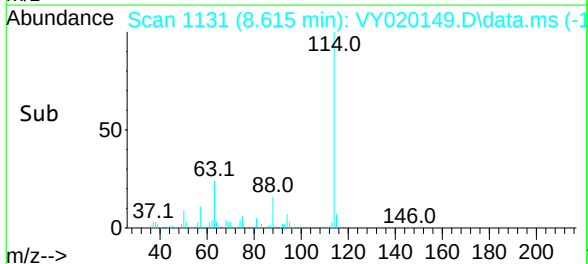
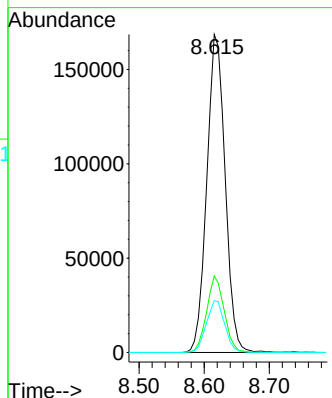
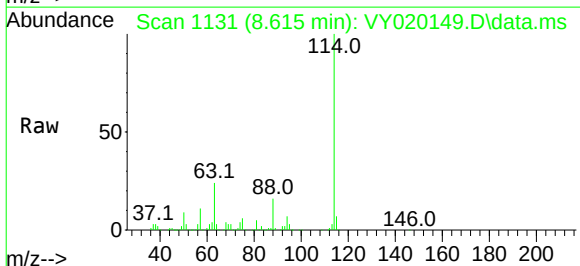
Tgt Ion:114 Resp: 330386

Ion Ratio Lower Upper

114 100

63 24.0 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.371 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

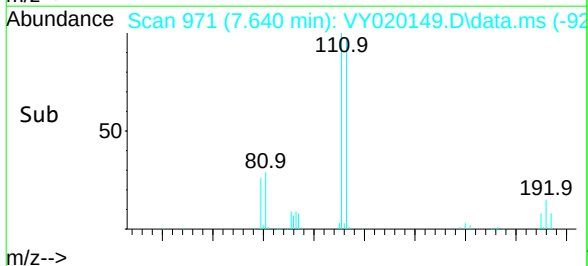
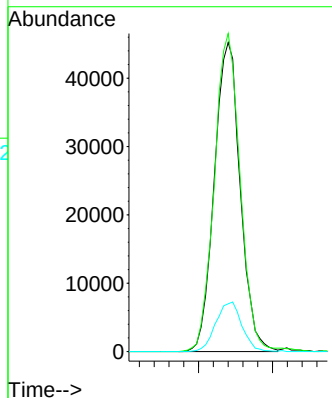
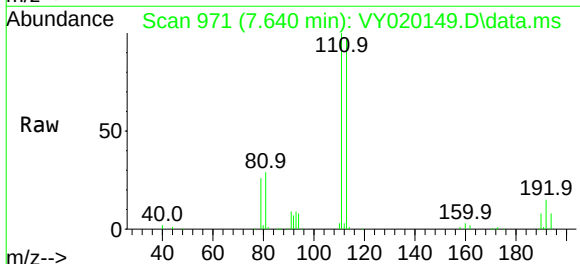
Tgt Ion:113 Resp: 110009

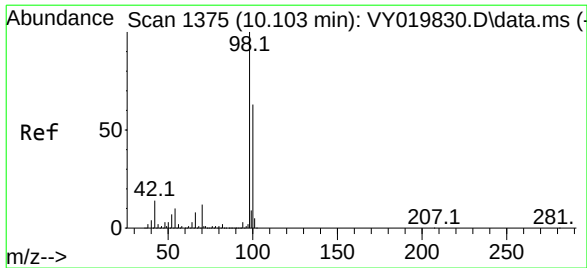
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 16.2 15.9 23.9





#50

Toluene-d8

Concen: 50.087 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :

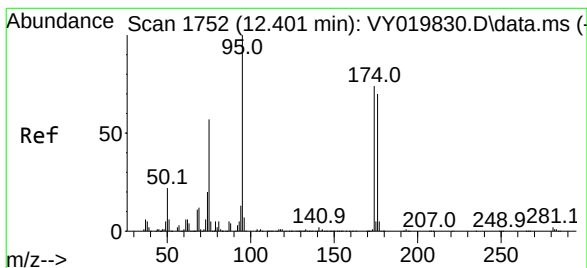
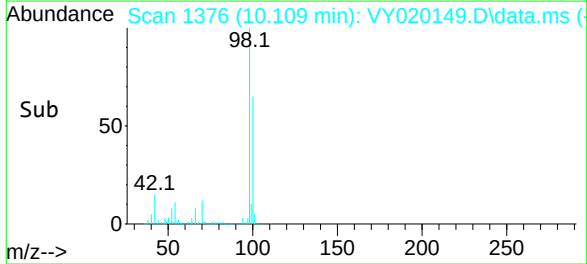
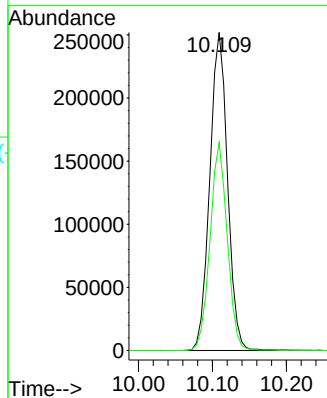
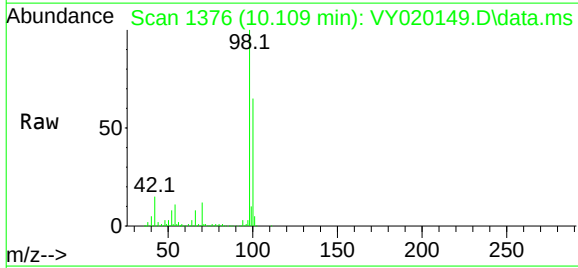
Z-04-VOC

Tgt Ion: 98 Resp: 418793

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.519 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

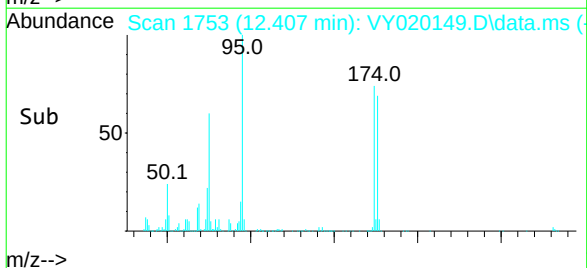
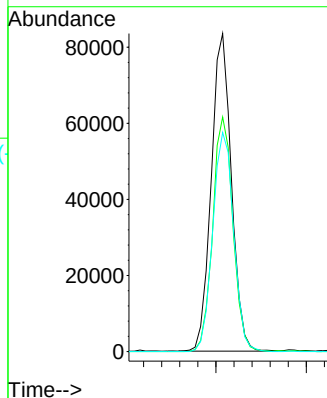
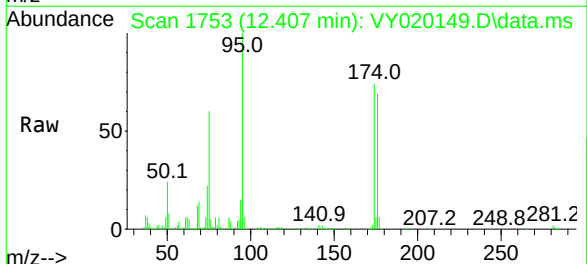
Tgt Ion: 95 Resp: 129056

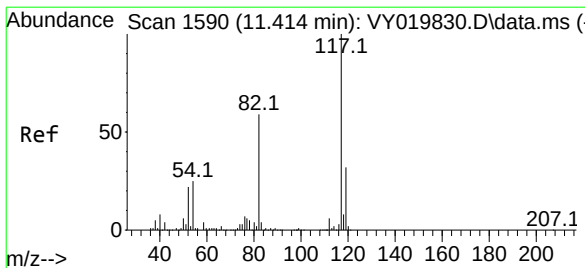
Ion Ratio Lower Upper

95 100

174 74.0 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: VY020149.D

Acq: 04 Nov 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :

Z-04-VOC

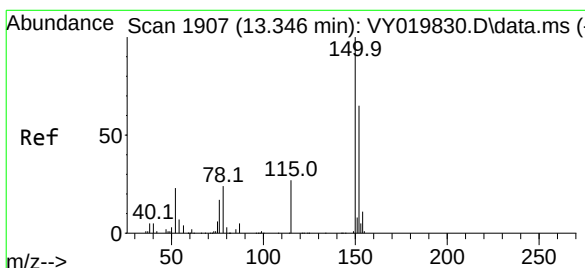
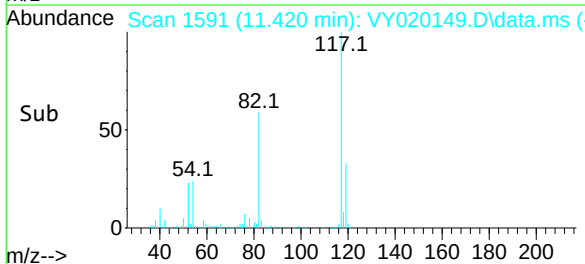
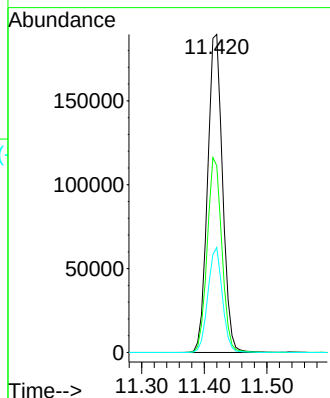
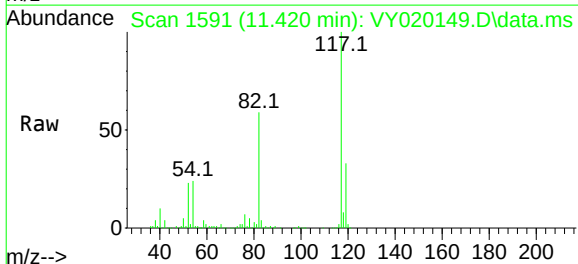
Tgt Ion:117 Resp: 314959

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 33.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

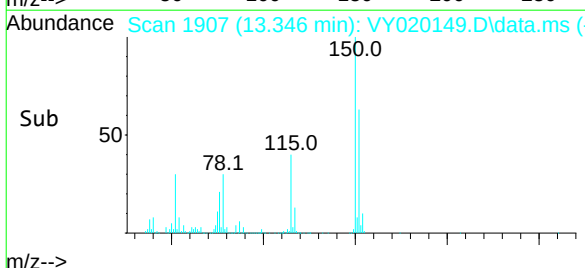
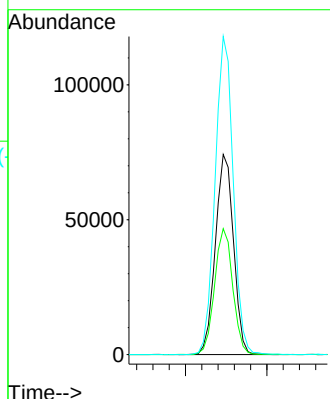
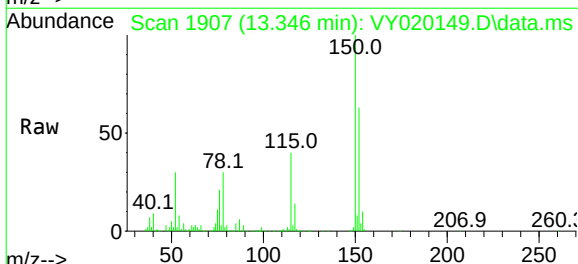
Tgt Ion:152 Resp: 114979

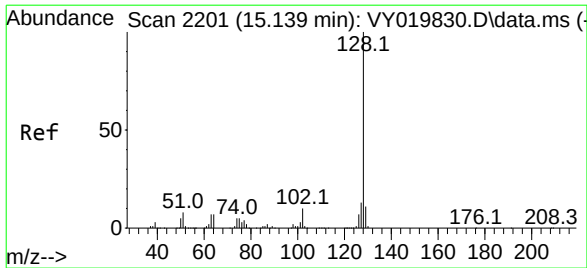
Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

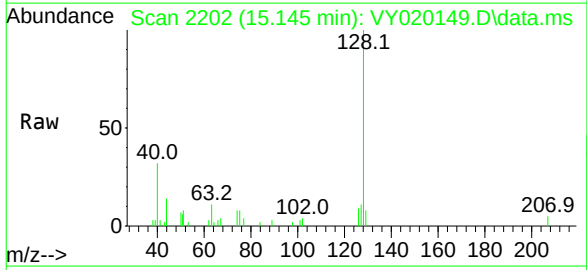
150 158.8 0.0 345.6





#95
Naphthalene
Concen: 1.302 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
Z-04-VOC



Tgt Ion:	128	Resp:	4287
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.8	8.6	13.0

