

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018142.D
 Acq On : 03 May 2024 14:58
 Operator : SY/MD
 Sample : P2355-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16173

Quant Time: May 06 02:58:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

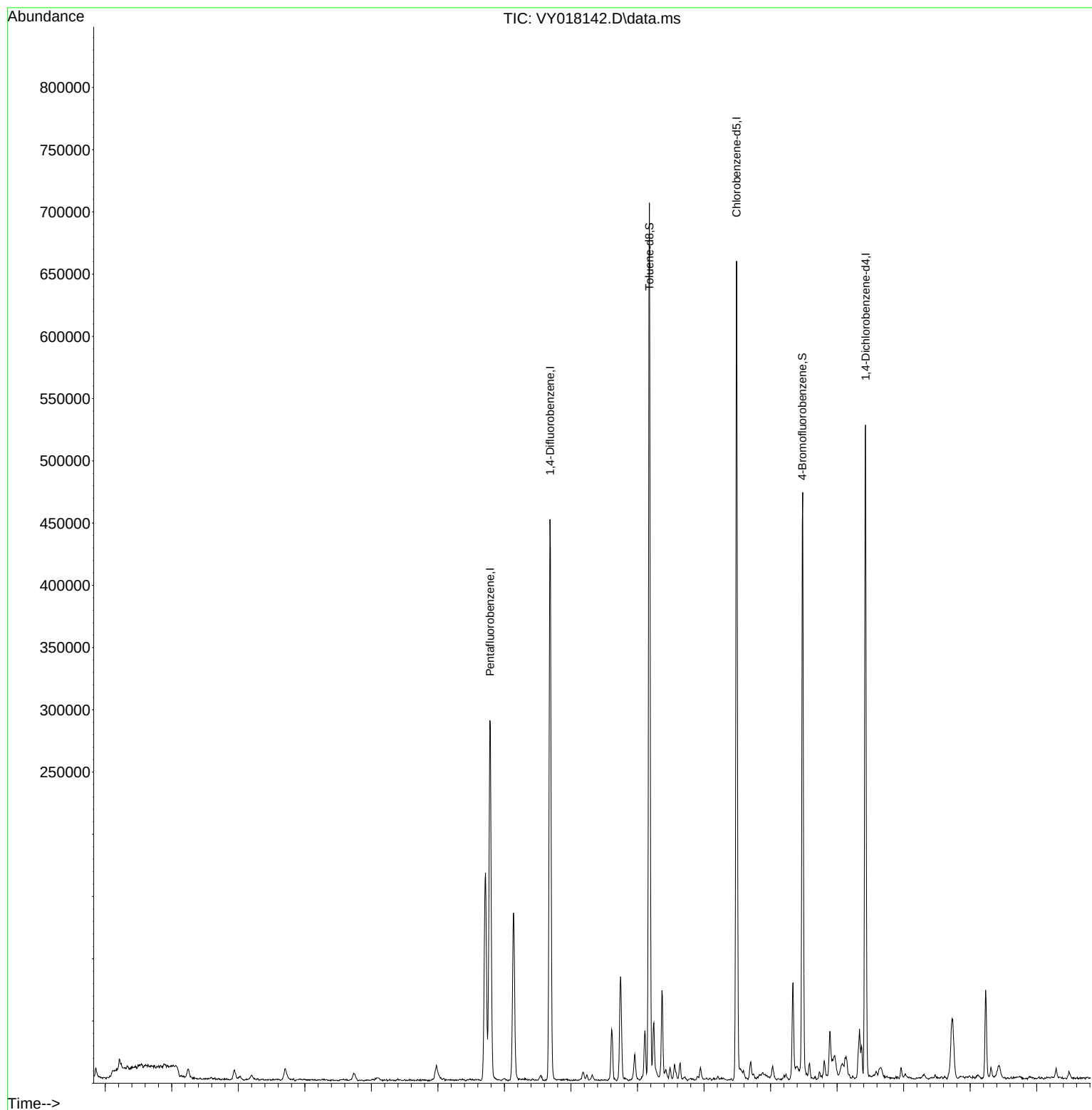
Internal Standards						
1) Pentafluorobenzene	7.783	168	238904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	367069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97730	51.898	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.800%
35) Dibromofluoromethane	7.710	113	121717	50.003	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.000%
50) Toluene-d8	10.179	98	470785	49.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.477	95	144839	44.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.580%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	12838	35.786	ug/l	96
52) Toluene	10.246	92	18715	2.708	ug/l	94
86) p-Isopropyltoluene	13.367	119	13289	1.394	ug/l	91

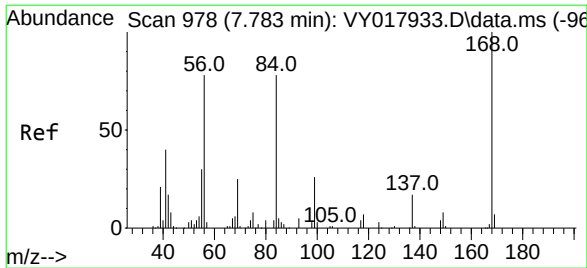
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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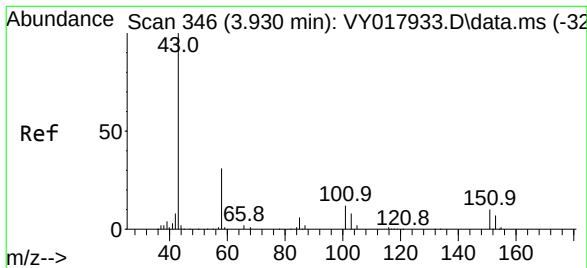
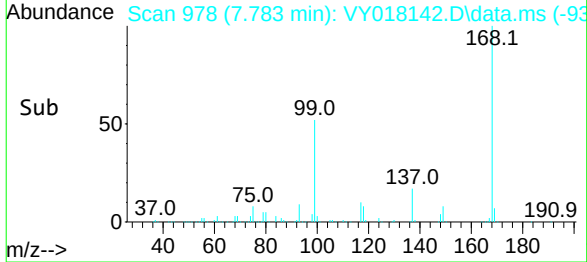
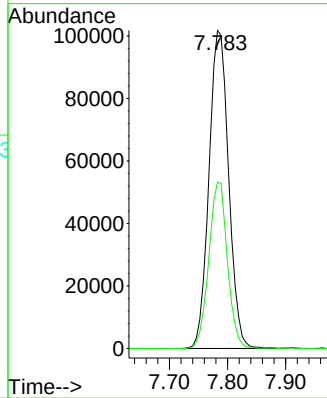
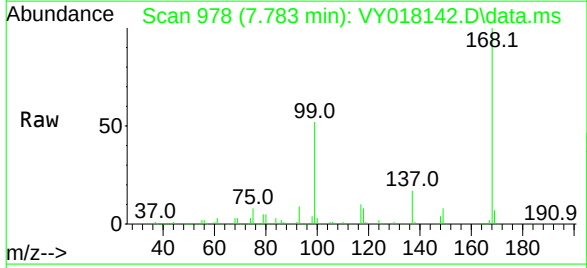




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018142.D
Acq: 03 May 2024 14:58

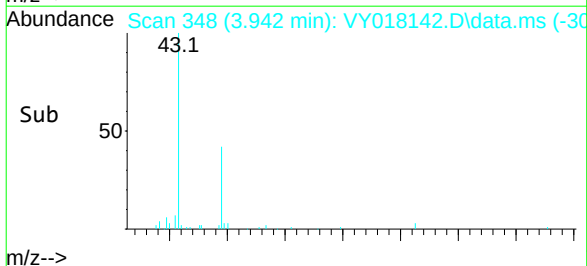
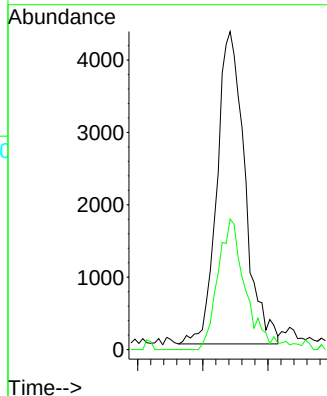
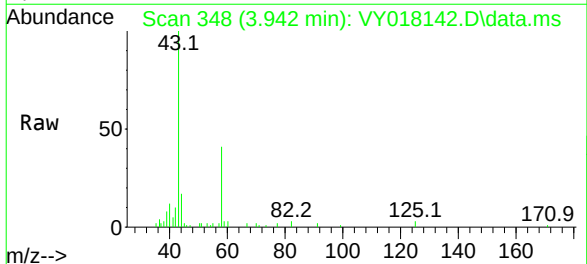
Instrument :
MSVOA_Y
ClientSampleId :
VB16173

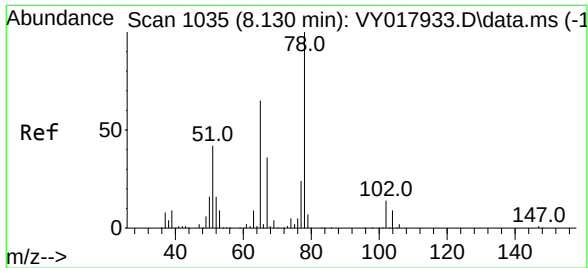
Tgt Ion:168 Resp: 238904
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#16
Acetone
Concen: 35.786 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018142.D
Acq: 03 May 2024 14:58

Tgt Ion: 43 Resp: 12838
Ion Ratio Lower Upper
43 100
58 41.8 31.7 47.5

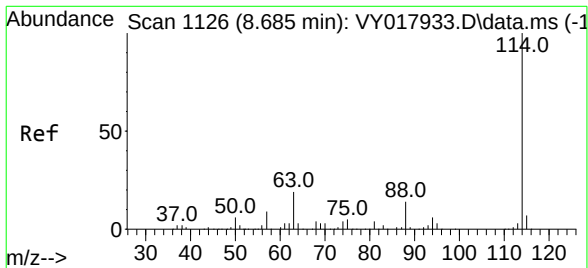
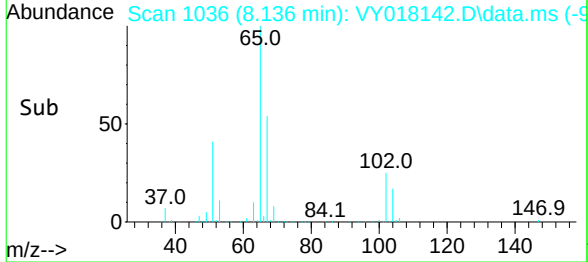
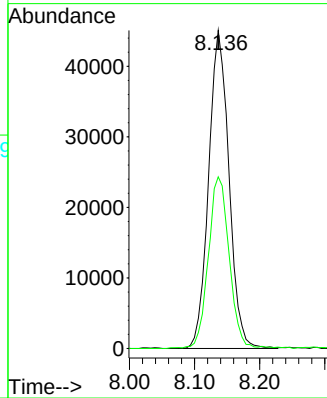
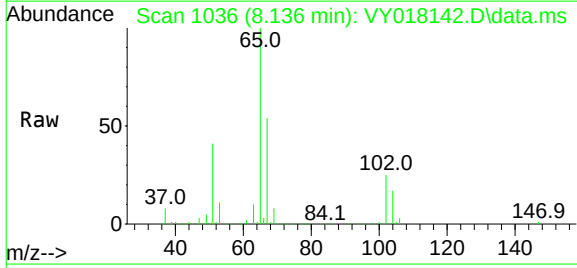




#33
1,2-Dichloroethane-d4
Concen: 51.898 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018142.D
Acq: 03 May 2024 14:58

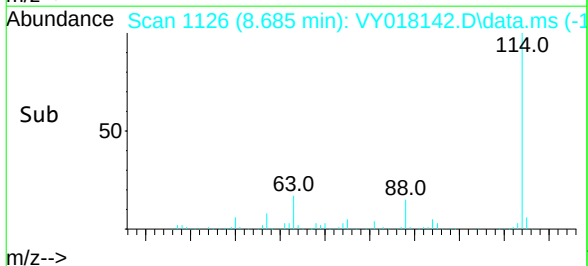
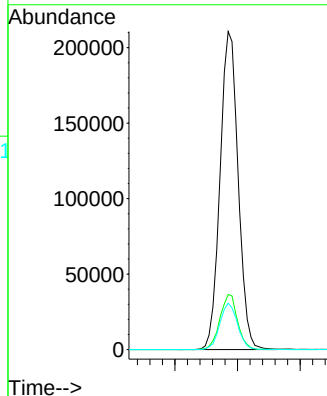
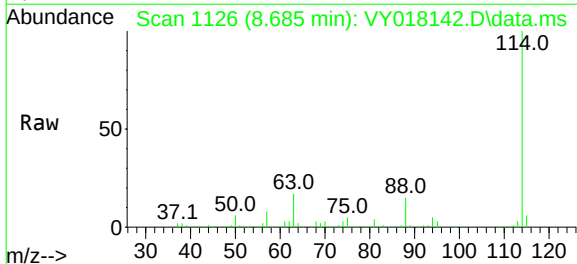
Instrument :
MSVOA_Y
ClientSampleId :
VB16173

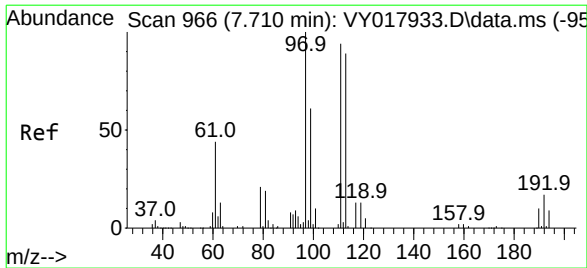
Tgt Ion: 65 Resp: 97730
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018142.D
Acq: 03 May 2024 14:58

Tgt Ion: 114 Resp: 423583
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 14.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.003 ug/l

RT: 7.710 min Scan# 96

Delta R.T. -0.012 min

Lab File: VY018142.D

Acq: 03 May 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VB16173

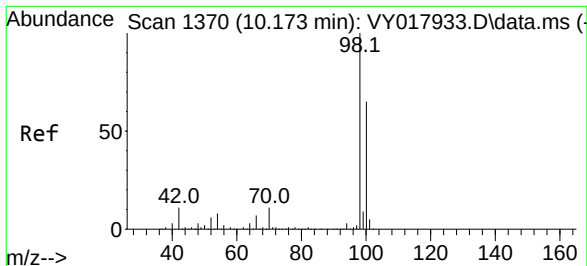
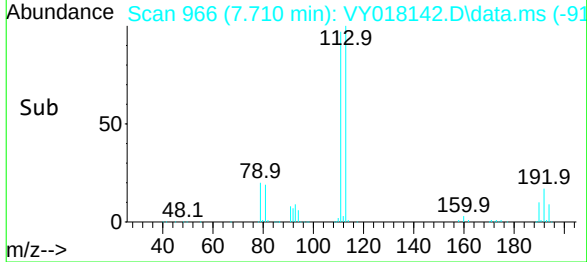
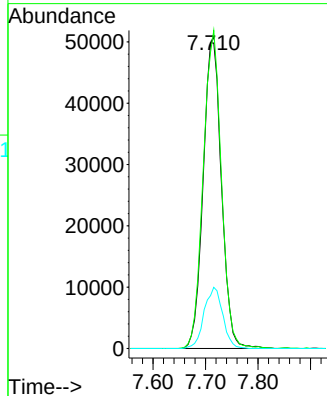
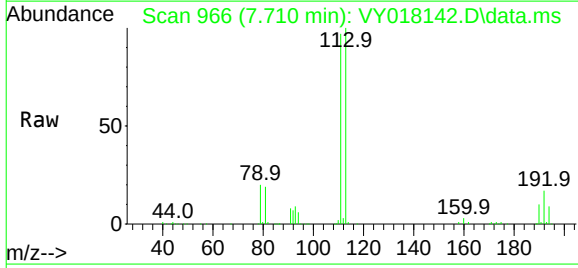
Tgt Ion:113 Resp: 121717

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 20.2 15.9 23.9



#50

Toluene-d8

Concen: 49.541 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018142.D

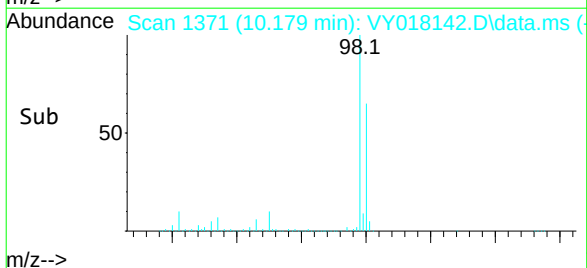
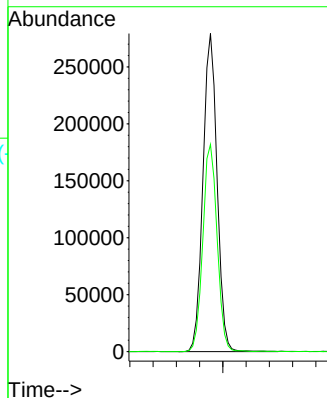
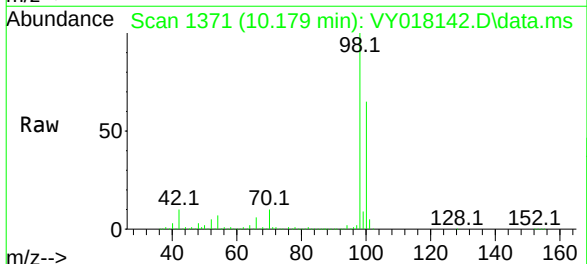
Acq: 03 May 2024 14:58

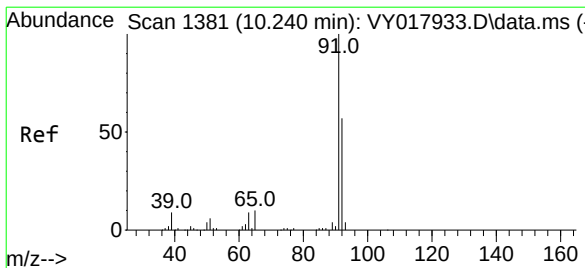
Tgt Ion: 98 Resp: 470785

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0





#52

Toluene

Concen: 2.708 ug/l

RT: 10.246 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018142.D

Acq: 03 May 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

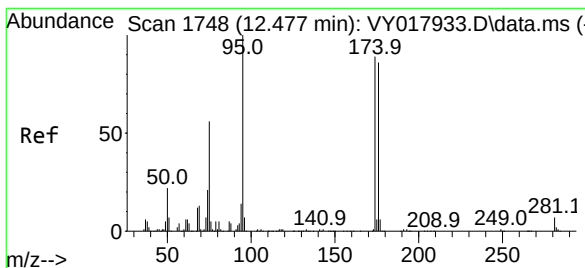
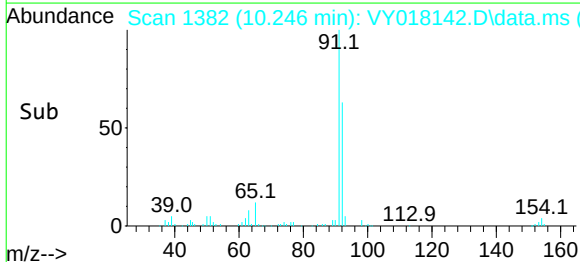
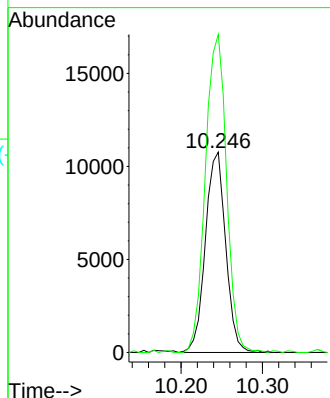
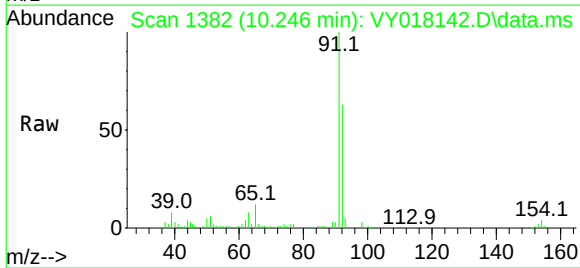
VB16173

Tgt Ion: 92 Resp: 18715

Ion Ratio Lower Upper

92 100

91 165.0 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 44.288 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018142.D

Acq: 03 May 2024 14:58

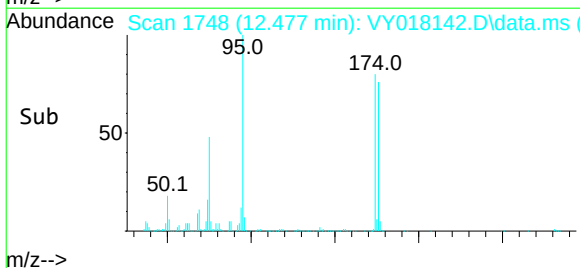
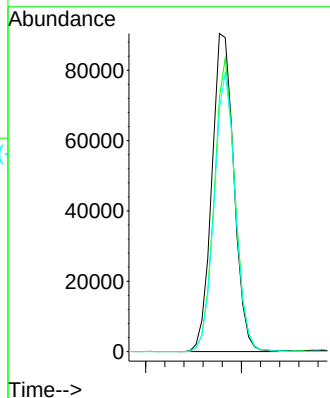
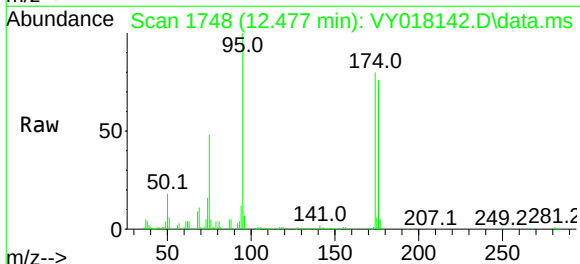
Tgt Ion: 95 Resp: 144839

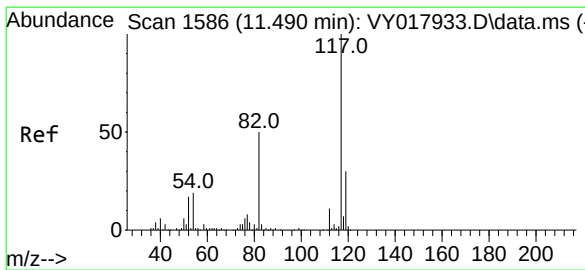
Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.6

176 84.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018142.D

Acq: 03 May 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VB16173

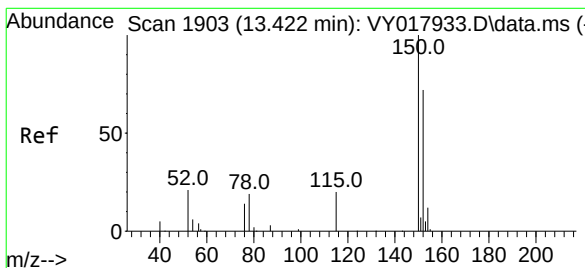
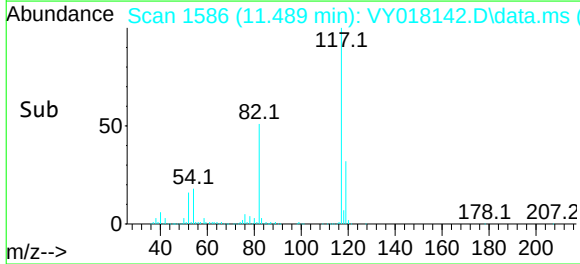
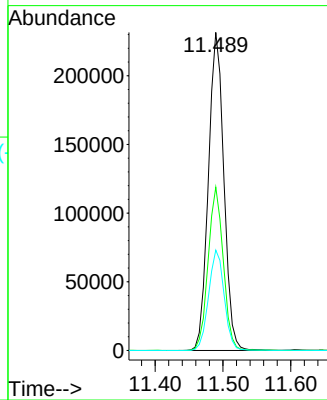
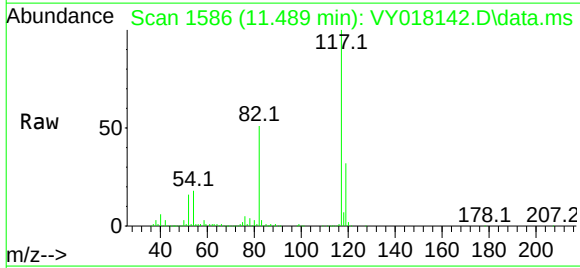
Tgt Ion:117 Resp: 367069

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018142.D

Acq: 03 May 2024 14:58

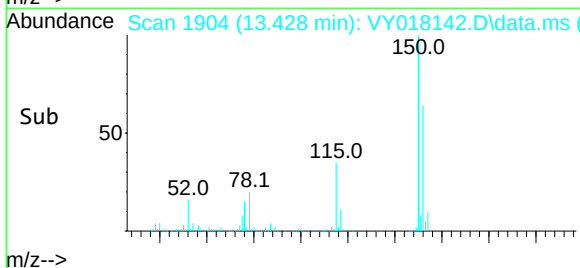
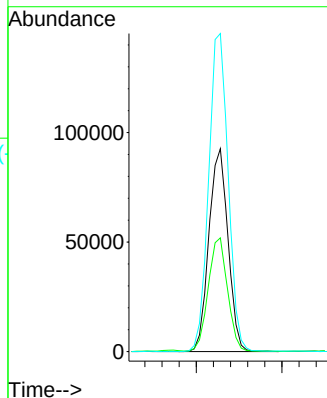
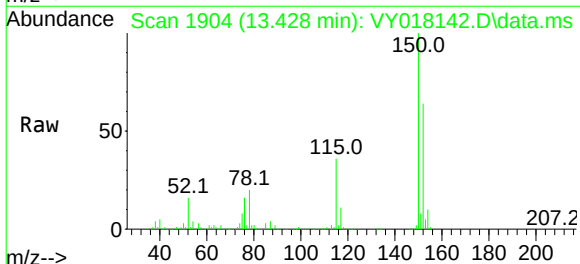
Tgt Ion:152 Resp: 143519

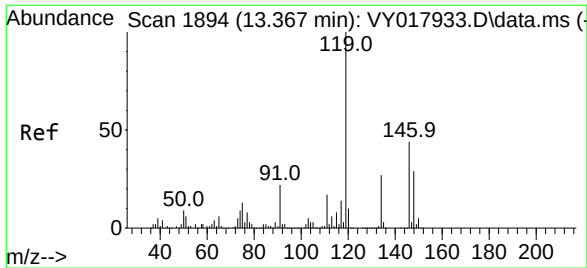
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 159.9 0.0 345.6





#86
 p-Isopropyltoluene
 Concen: 1.394 ug/l
 RT: 13.367 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VY018142.D
 Acq: 03 May 2024 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16173

Tgt	Ion:119	Resp:	13289
Ion	Ratio	Lower	Upper
119	100		
134	33.5	13.1	39.3
91	23.0	10.7	32.1

