

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001886.D
 Acq On : 05 Mar 2020 16:50
 Operator : SY/MD
 Sample : L1778-22
 Misc : 7.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S10

Quant Time: Mar 06 05:40:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	137490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	264261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	226721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	85727	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	84719	57.72	ug/l	-0.01
Spiked Amount			Recovery	=	115.44%	
35) Dibromofluoromethane	7.74	113	77378	53.62	ug/l	-0.01
Spiked Amount			Recovery	=	107.24%	
50) Toluene-d8	10.19	98	318227	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.49	95	96624	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	

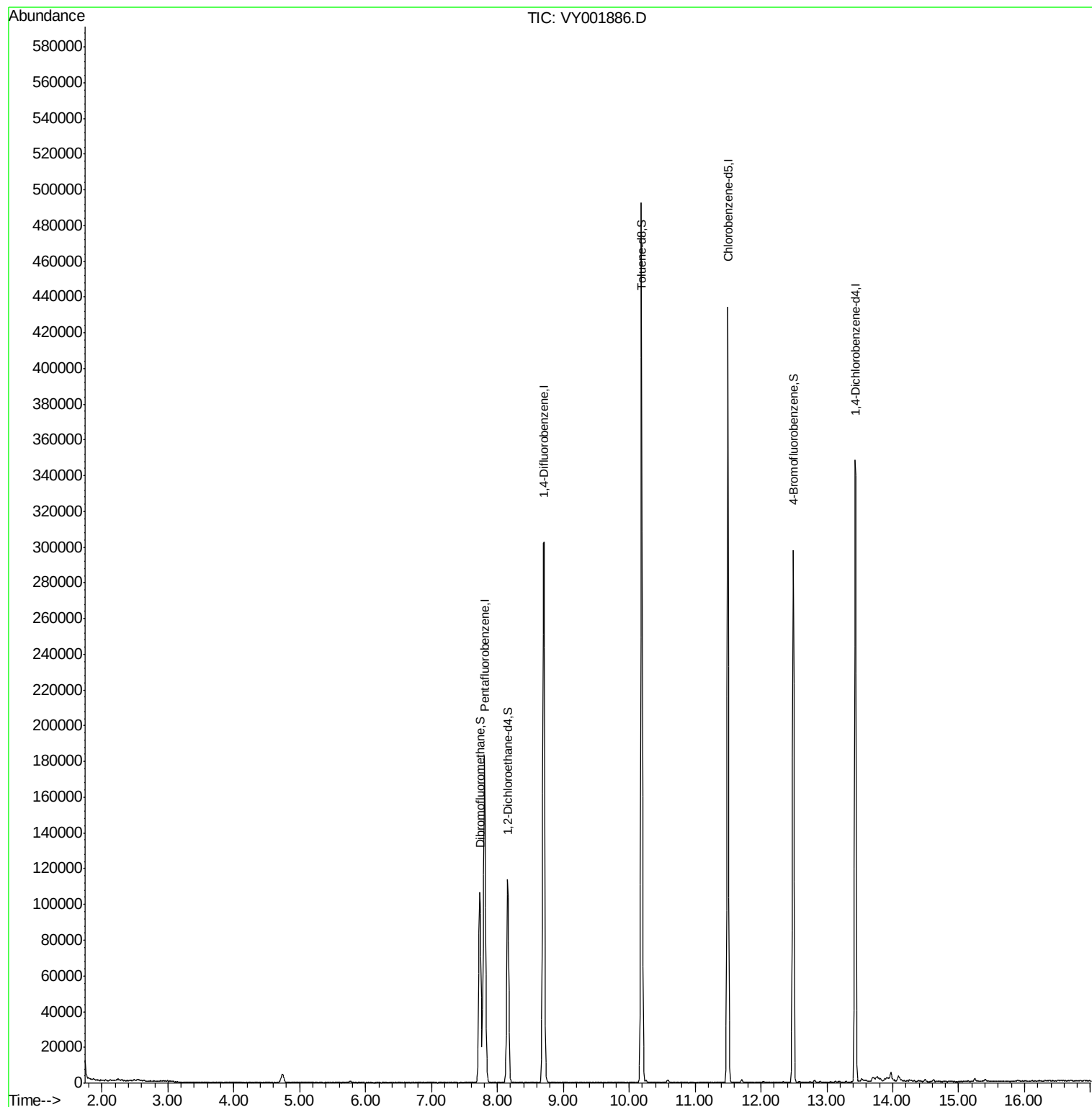
Target Compounds	Qvalue
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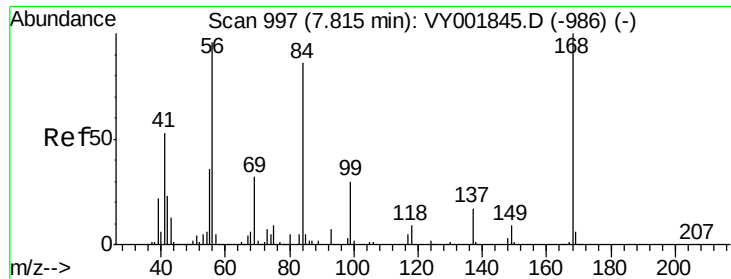
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001886.D

Acq: 05 Mar 2020 16:50

Instrument :

MSVOA_Y

ClientSampleId :

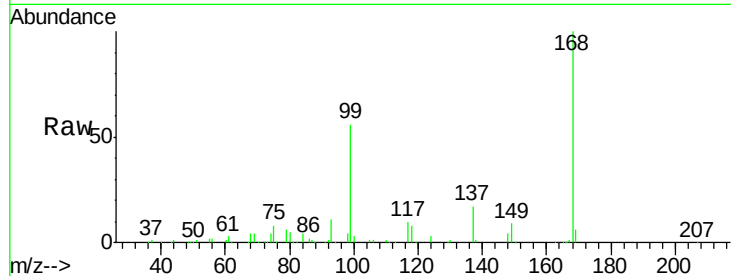
S10

Tot Ion:168 Resp: 137490

Ion Ratio Lower Upper

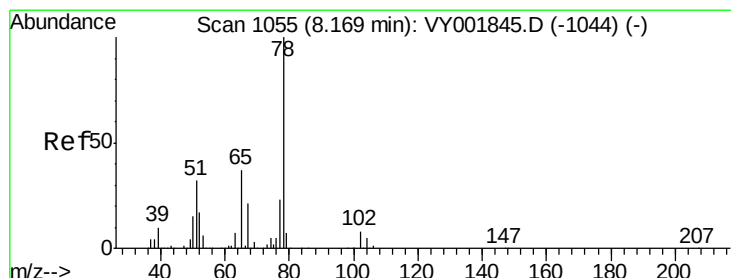
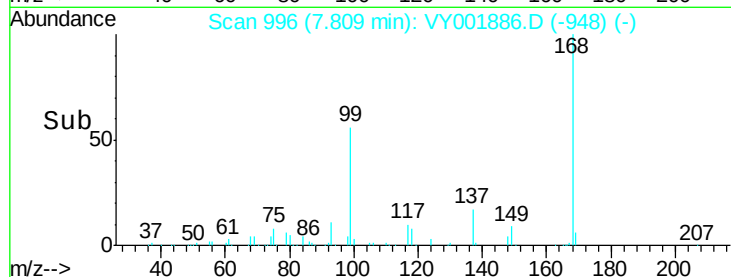
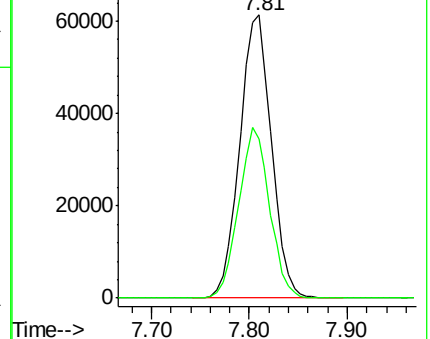
168 100

99 56.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.718 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001886.D

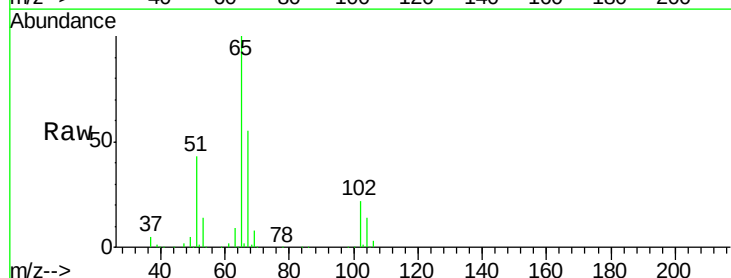
Acq: 05 Mar 2020 16:50

Tgt Ion: 65 Resp: 84719

Ion Ratio Lower Upper

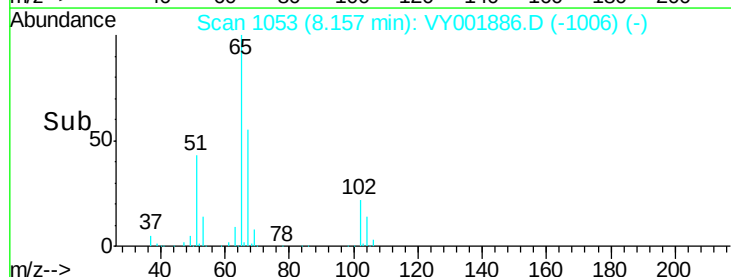
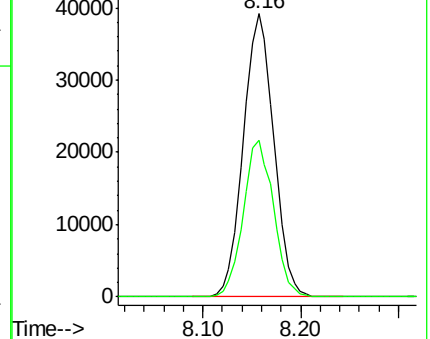
65 100

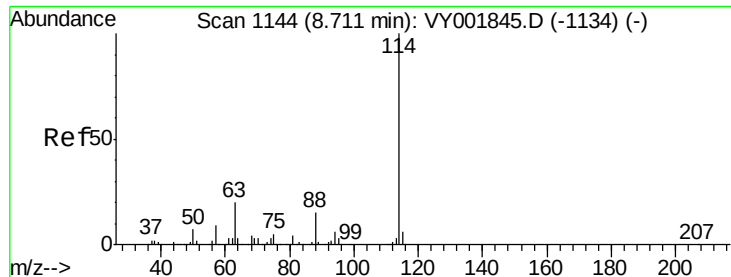
67 55.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

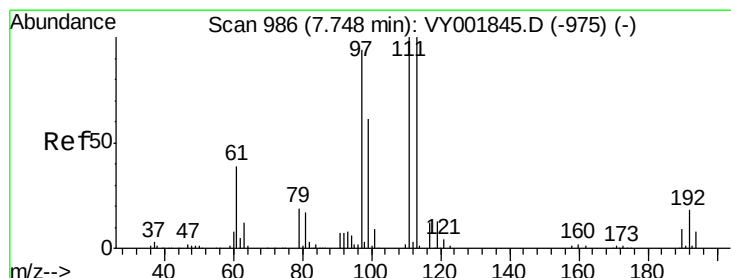
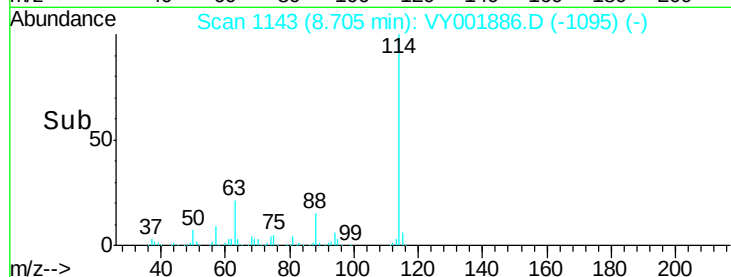
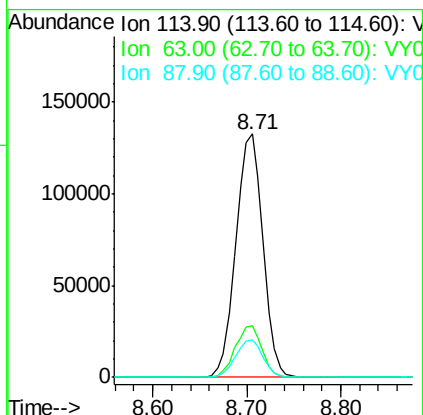
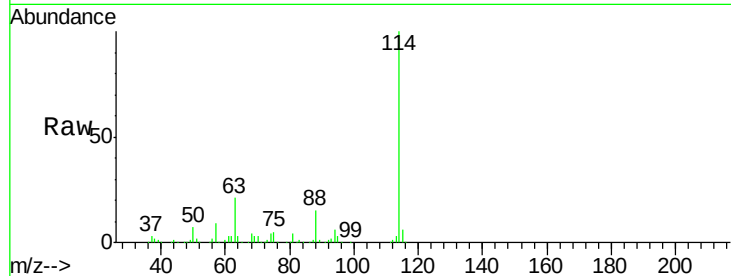




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001886.D
 Acq: 05 Mar 2020 16:50

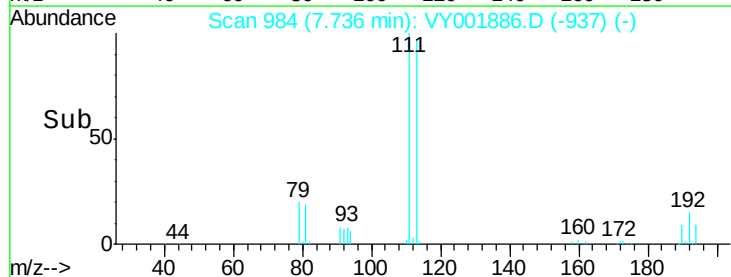
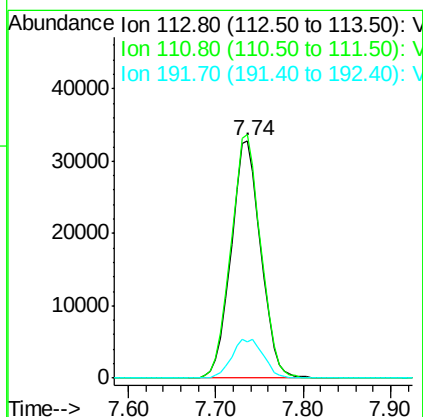
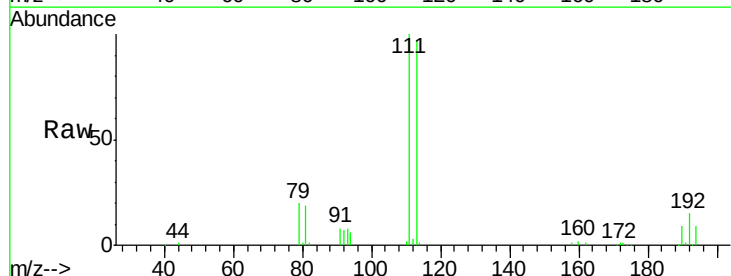
Instrument :
 MSVOA_Y
 ClientSampleId :
 S10

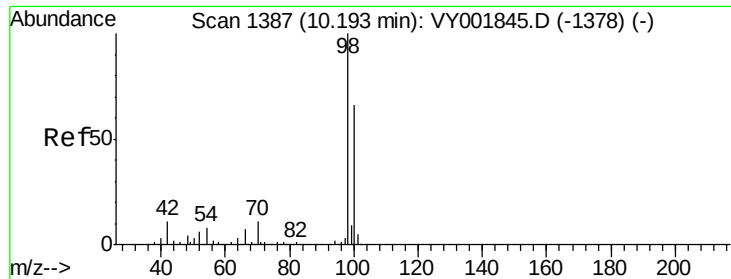
Tot Ion:114 Resp: 264261
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.4
 88 15.3 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 53.624 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001886.D
 Acq: 05 Mar 2020 16:50

Tgt Ion:113 Resp: 77378
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 17.5 14.2 21.2





#50

Toluene-d8

Concen: 52.299 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001886.D

Acq: 05 Mar 2020 16:50

Instrument :

MSVOA_Y

ClientSampleId :

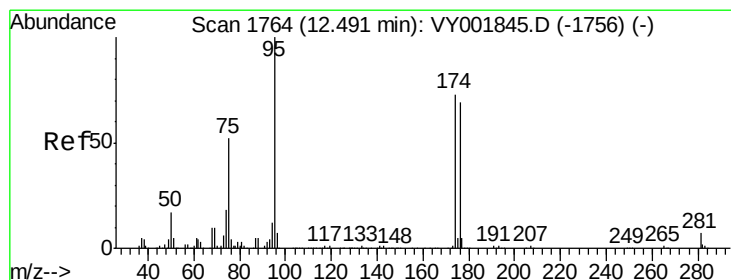
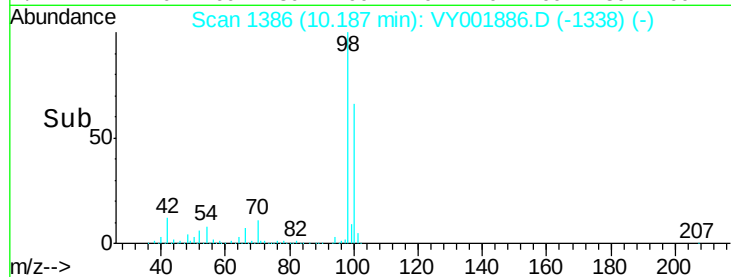
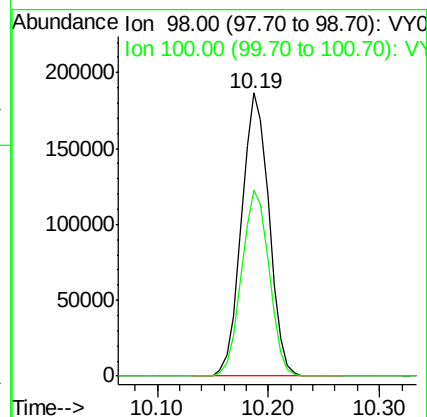
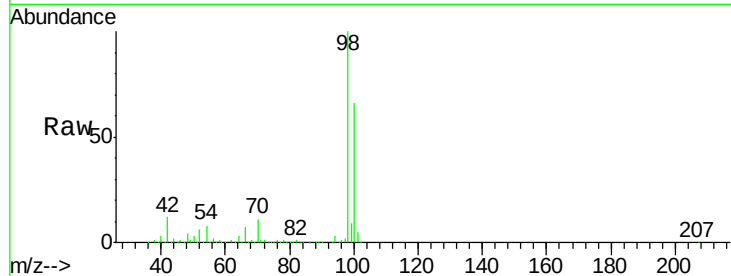
S10

Tot Ion: 98 Resp: 318227

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 45.669 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001886.D

Acq: 05 Mar 2020 16:50

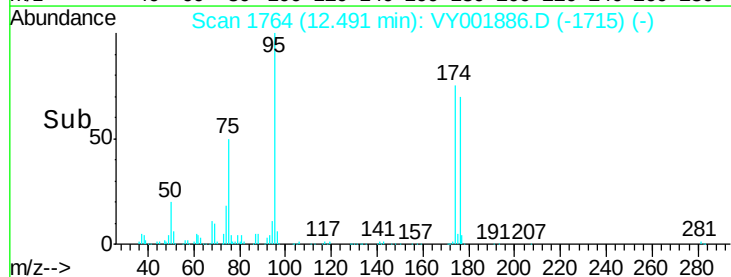
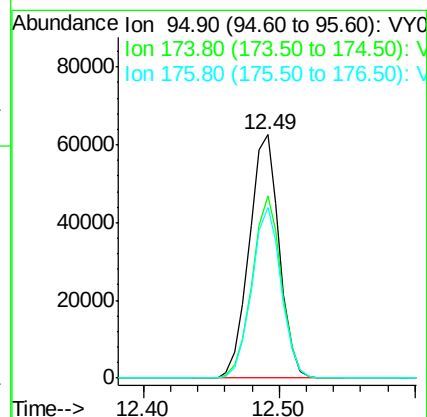
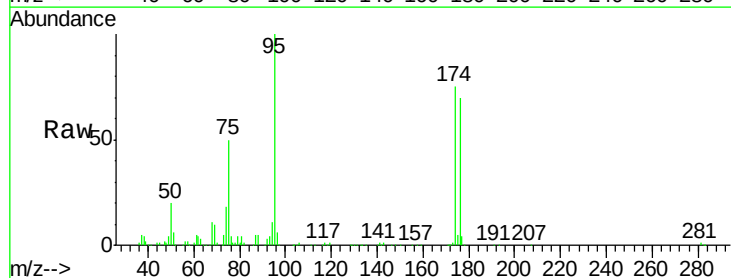
Tgt Ion: 95 Resp: 96624

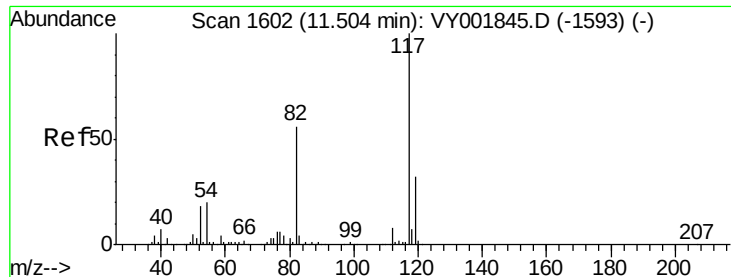
Ion Ratio Lower Upper

95 100

174 72.8 0.0 145.0

176 69.0 0.0 137.4

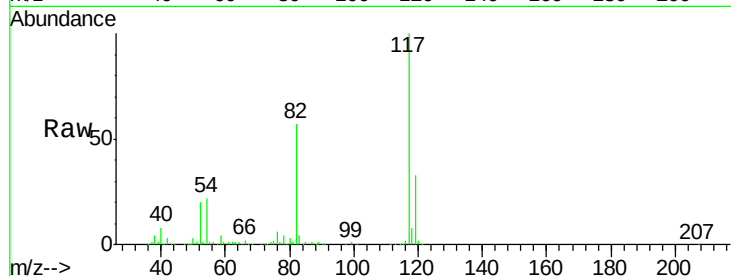




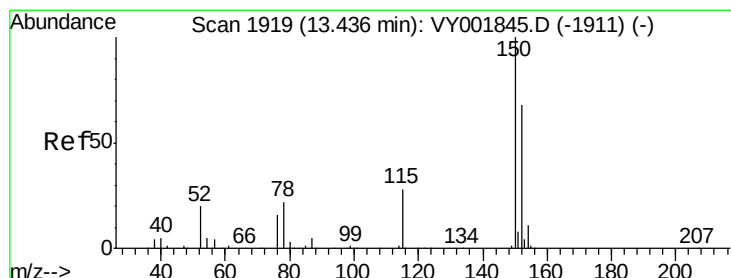
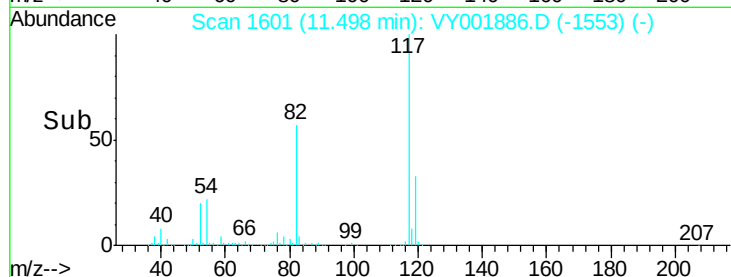
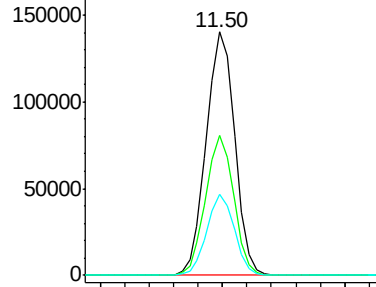
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001886.D
Acq: 05 Mar 2020 16:50

Instrument :
MSVOA_Y
ClientSampled :
S10

Tot Ion:117 Resp: 226721
Ion Ratio Lower Upper
117 100
82 57.4 44.5 66.7
119 33.0 25.7 38.5

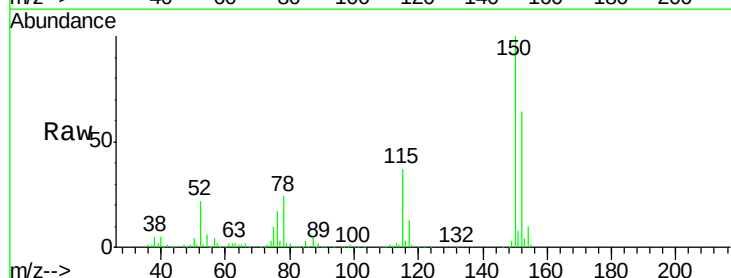


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001886.D
Acq: 05 Mar 2020 16:50

Tgt Ion:152 Resp: 85727
Ion Ratio Lower Upper
152 100
115 60.4 29.9 89.7
150 157.3 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

