

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
 Data File : VY000527.D
 Acq On : 01 Nov 2019 16:37
 Operator : SY/MD
 Sample : K5661-02
 Misc : 5.76G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-2

Quant Time: Nov 01 23:31:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	191439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	334188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	302585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122544	61.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.72%	
35) Dibromofluoromethane	7.74	113	100515	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.19	98	387578	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.48	95	136784	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	

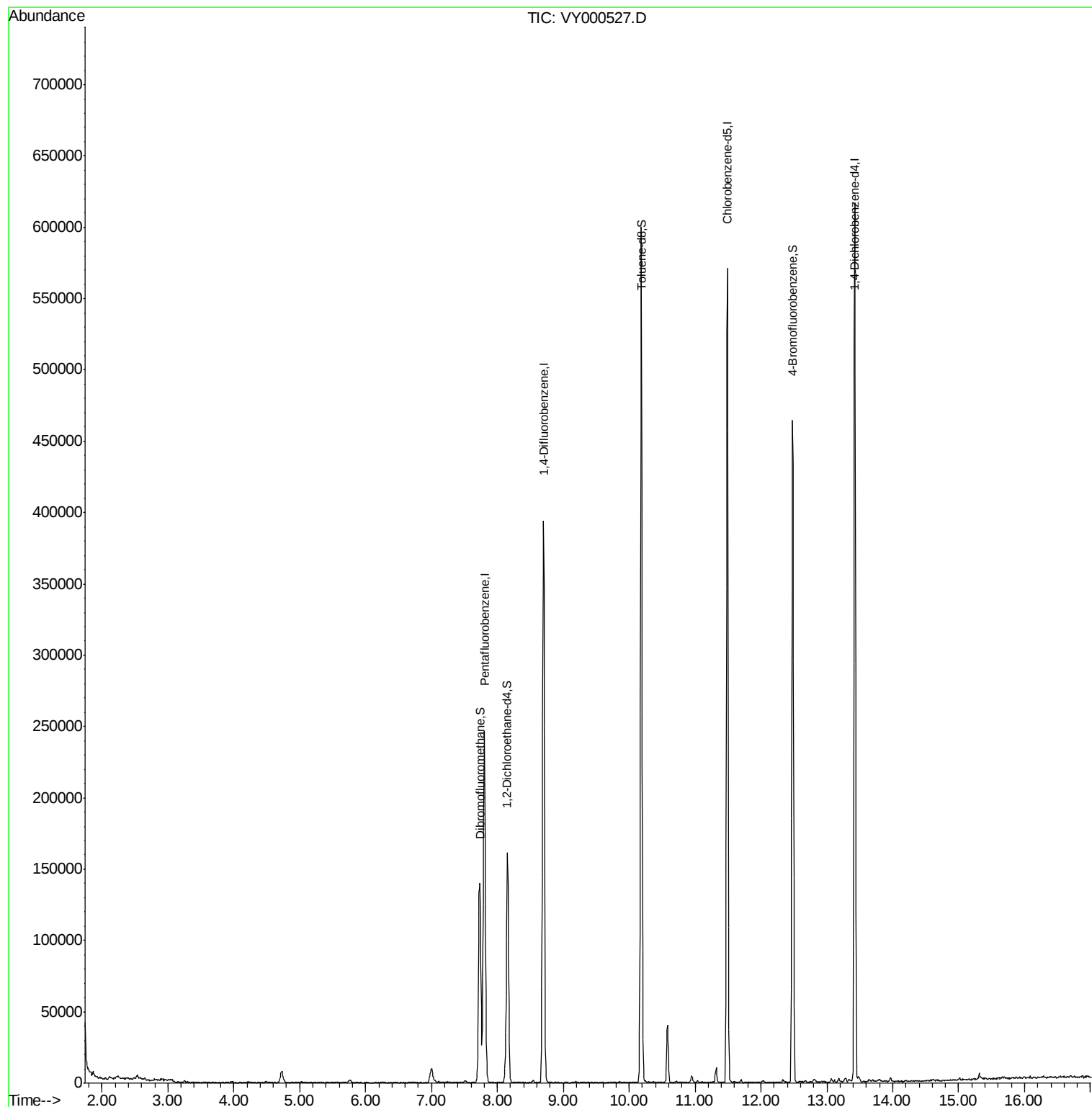
Target Compounds	Qvalue

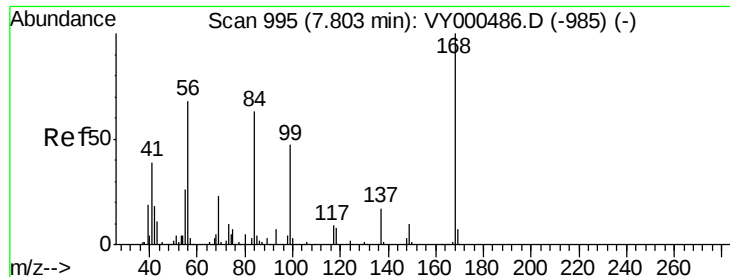
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

Instrument :

MSVOA_Y

ClientSampleId :

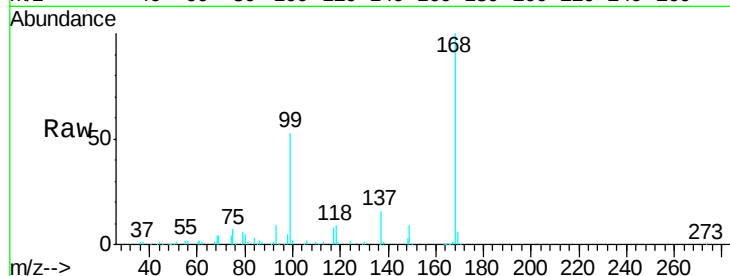
T-2

Tgt Ion:168 Resp: 191439

Ion Ratio Lower Upper

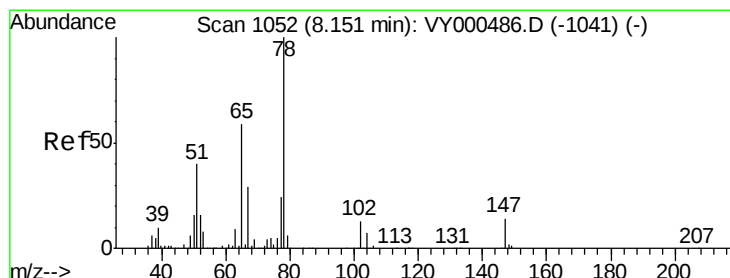
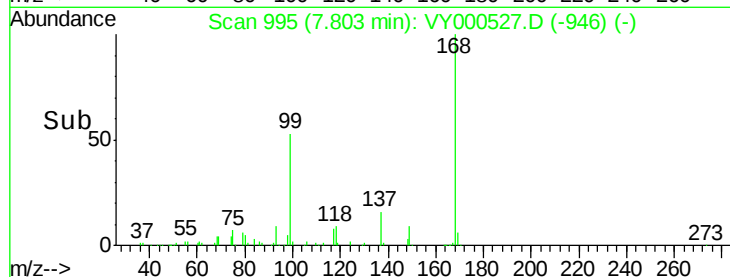
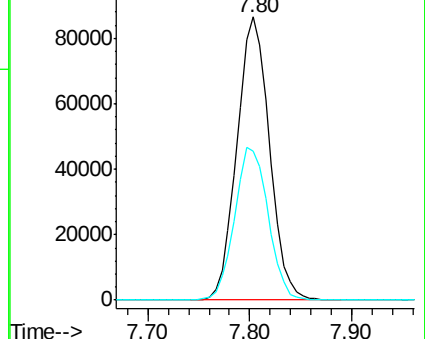
168 100

99 52.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.855 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000527.D

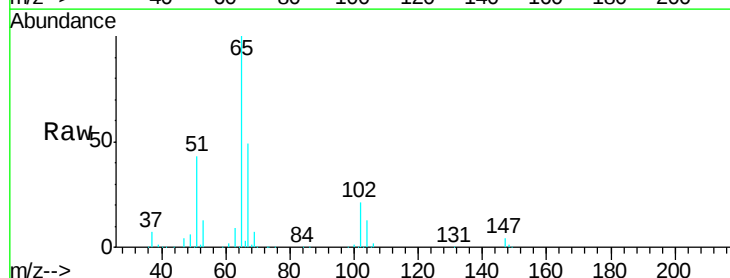
Acq: 01 Nov 2019 16:37

Tgt Ion: 65 Resp: 122544

Ion Ratio Lower Upper

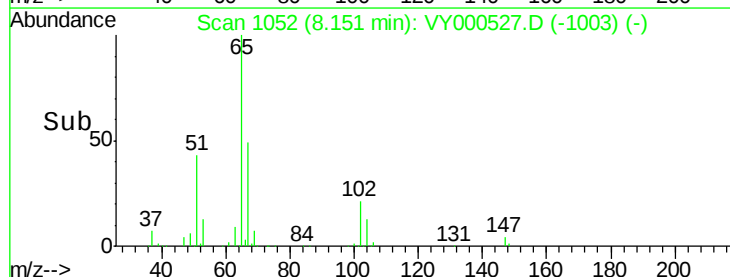
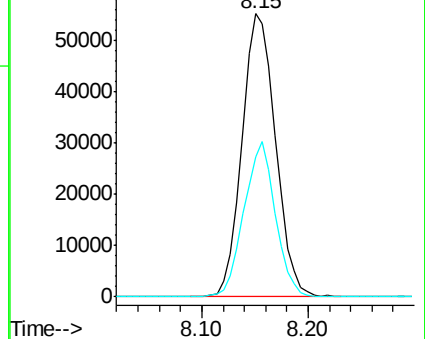
65 100

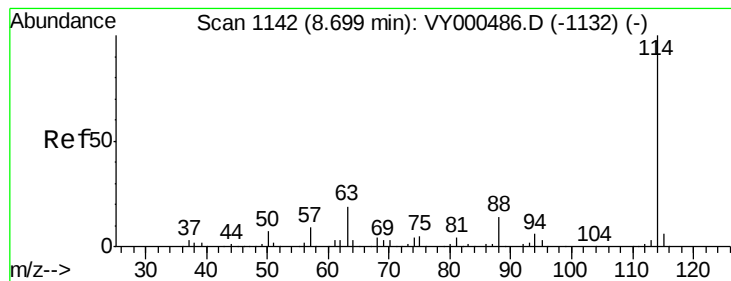
67 51.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

Instrument :

MSVOA_Y

ClientSampleId :

T-2

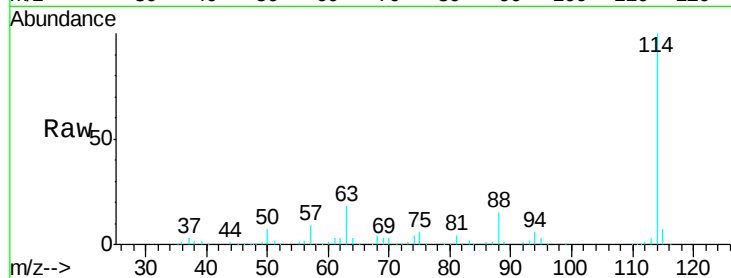
Tgt Ion:114 Resp: 334188

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.0

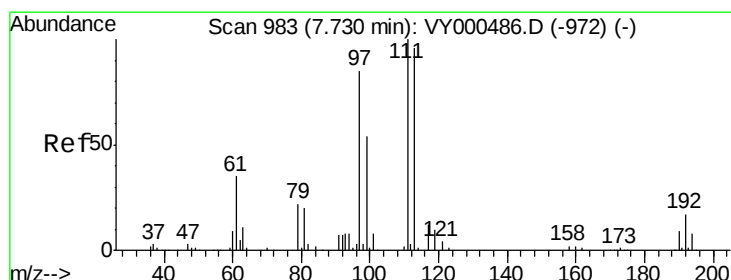
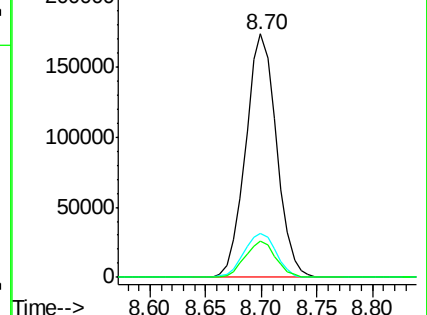
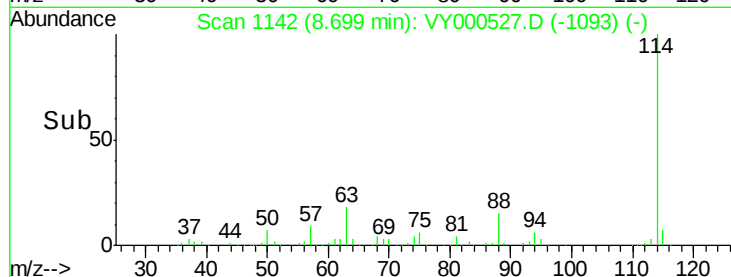
88 15.1 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.233 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

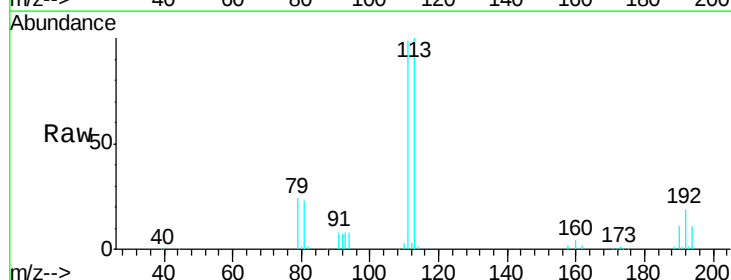
Tgt Ion:113 Resp: 100515

Ion Ratio Lower Upper

113 100

111 103.1 81.7 122.5

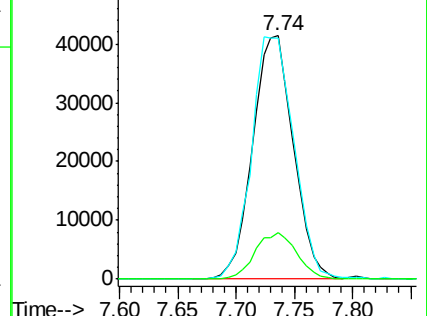
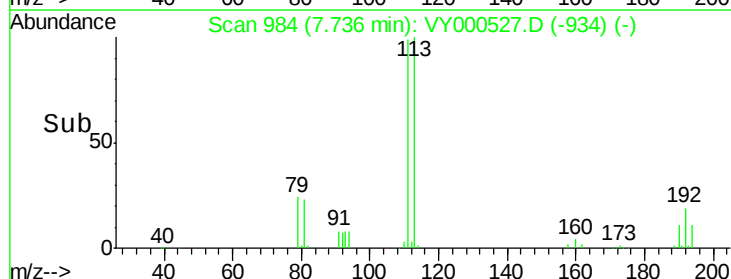
192 19.5 15.0 22.4

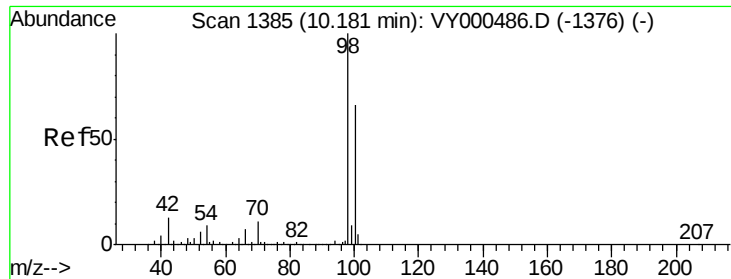


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.063 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

Instrument :

MSVOA_Y

ClientSampleId :

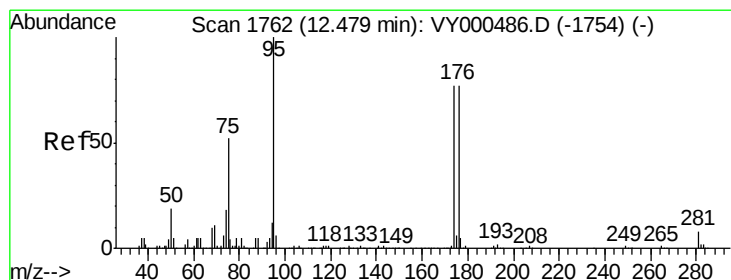
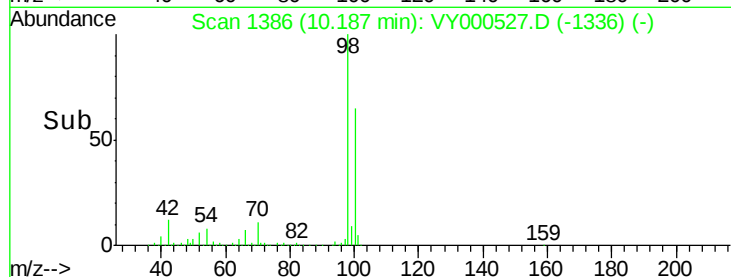
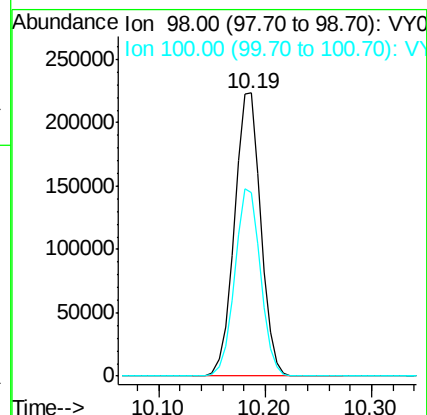
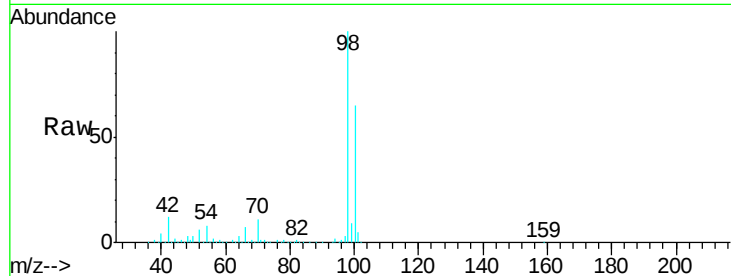
T-2

Tgt Ion: 98 Resp: 387578

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.265 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000527.D

Acq: 01 Nov 2019 16:37

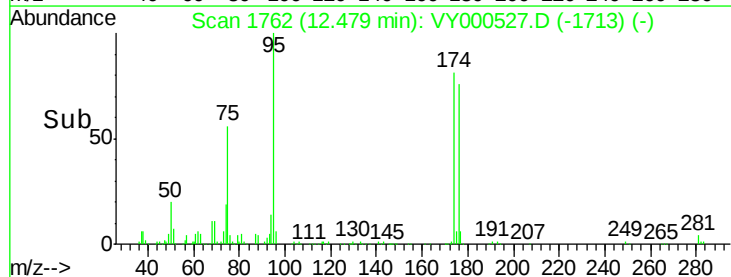
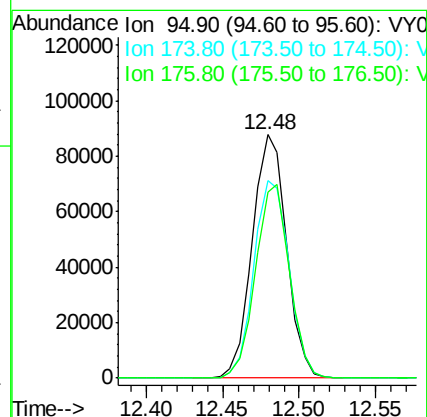
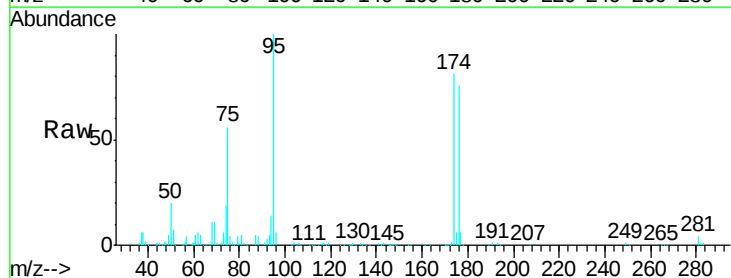
Tgt Ion: 95 Resp: 136784

Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.6

176 79.1 0.0 157.8

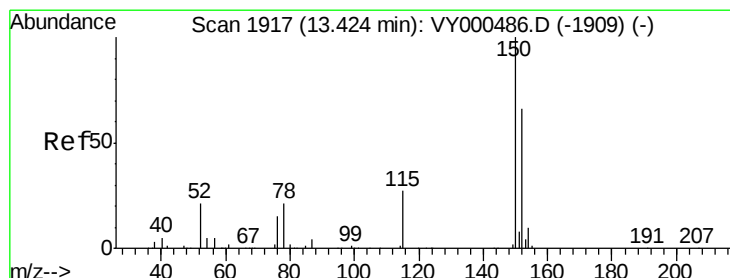
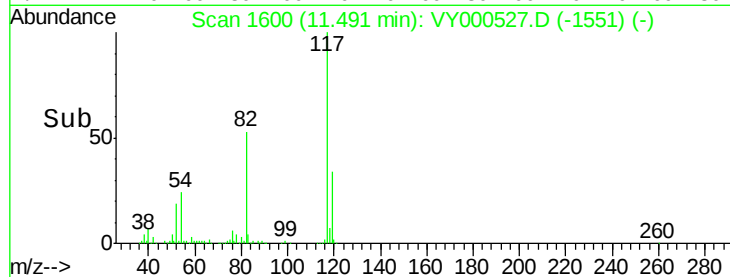
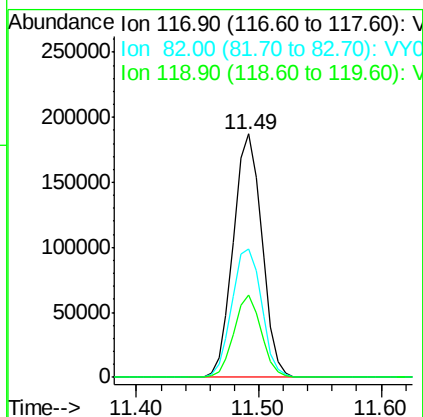
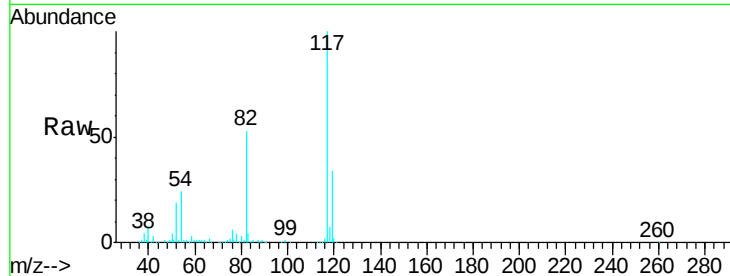




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

Instrument :
MSVOA_Y
ClientSampled :
T-2

Tgt Ion:117 Resp: 302585
Ion Ratio Lower Upper
117 100
82 52.8 40.8 61.2
119 33.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000527.D
Acq: 01 Nov 2019 16:37

Tgt Ion:152 Resp: 145035
Ion Ratio Lower Upper
152 100
115 59.3 29.1 87.4
150 156.3 0.0 348.8

