

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000549.D
 Acq On : 06 Nov 2019 14:25
 Operator : SY/MD
 Sample : K5713-02
 Misc : 5.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-016-IDWSO-20191105

Quant Time: Nov 07 06:01:00 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	200741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	351279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	311467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137436	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115622	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
35) Dibromofluoromethane	7.73	113	104026	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.18	98	411760	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.48	95	133817	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	

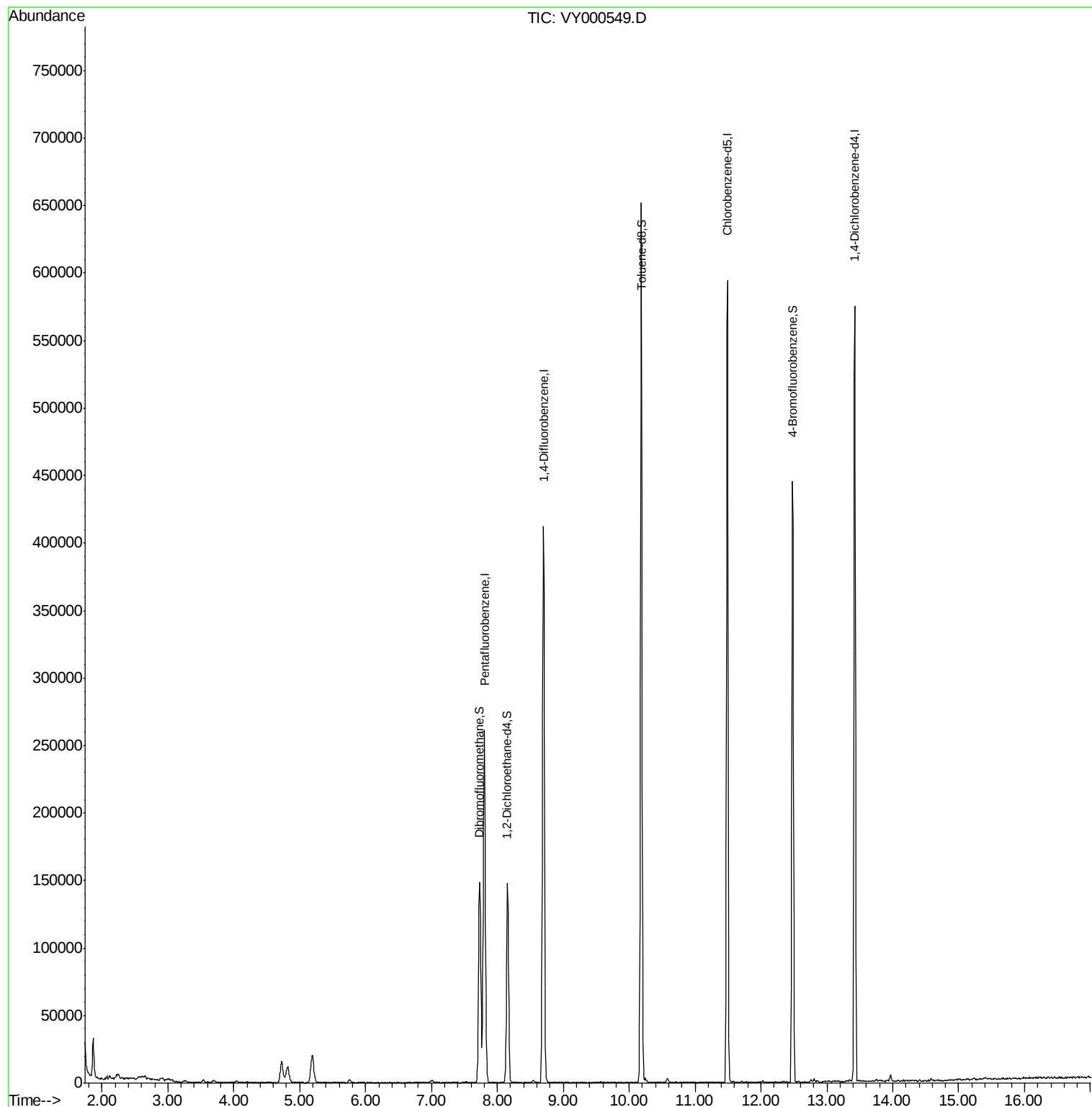
Target Compounds	Qvalue

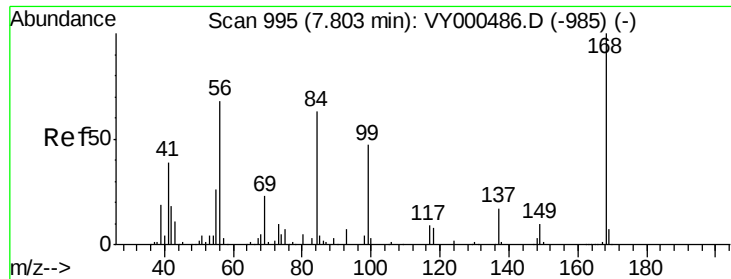
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000549.D

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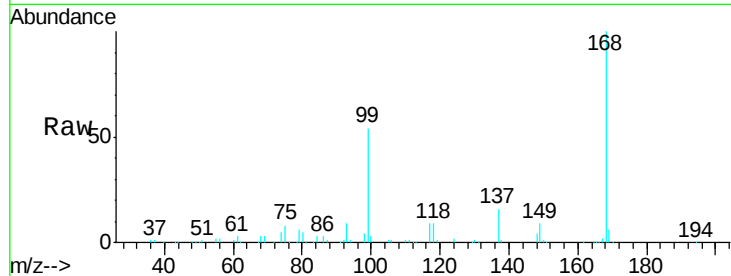
TT-016-IDWSO-20191105

Tgt Ion:168 Resp: 200741

Ion Ratio Lower Upper

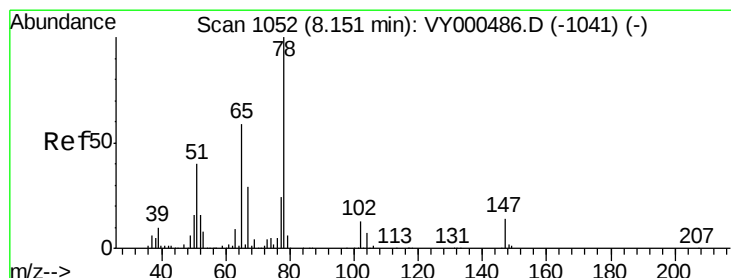
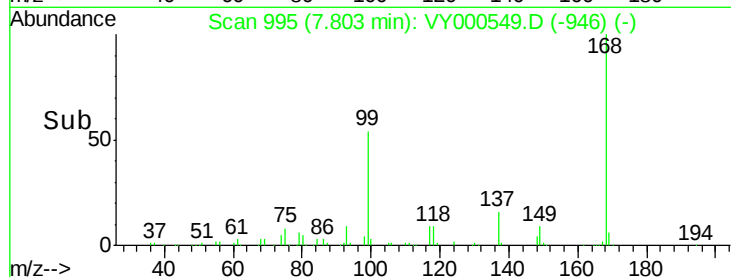
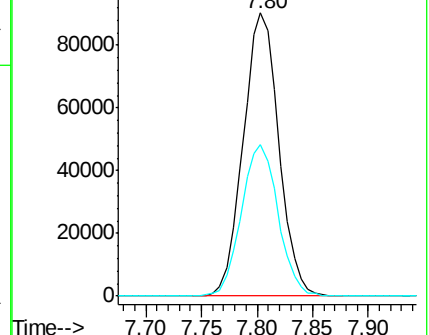
168 100

99 53.7 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: 55.657 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000549.D

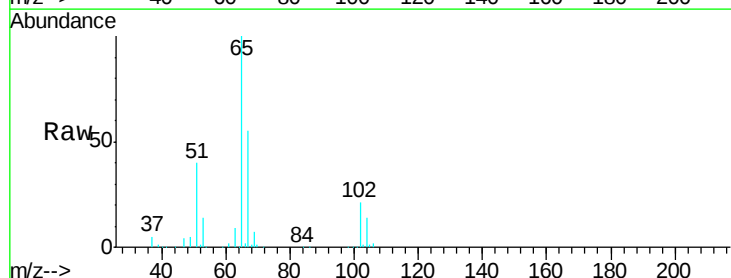
Acq: 06 Nov 2019 14:25

Tgt Ion: 65 Resp: 115622

Ion Ratio Lower Upper

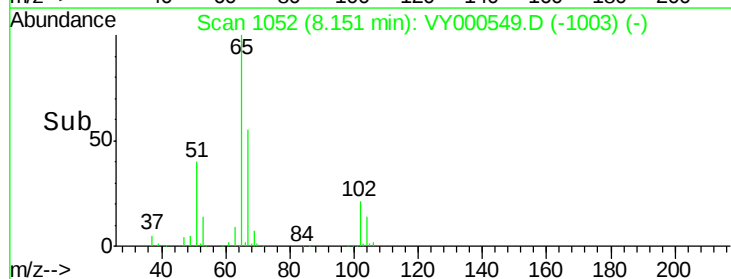
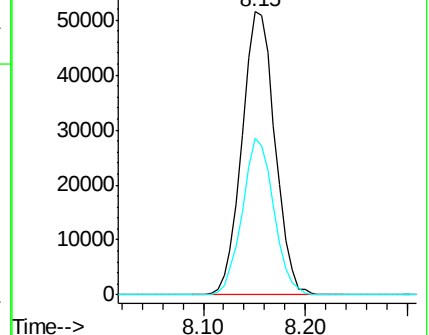
65 100

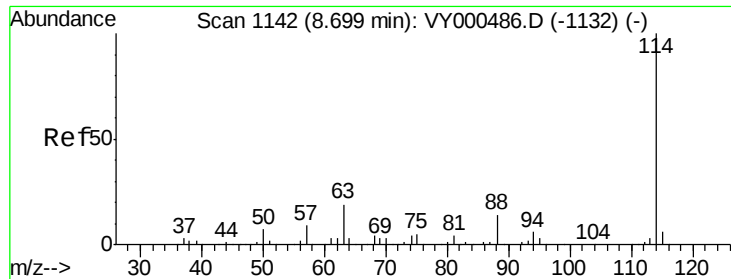
67 52.9 0.0 107.2



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: VY000549.D

Acq: 06 Nov 2019 14:25

Instrument :

MSVOA_Y

ClientSampleId :

TT-016-IDWSO-20191105

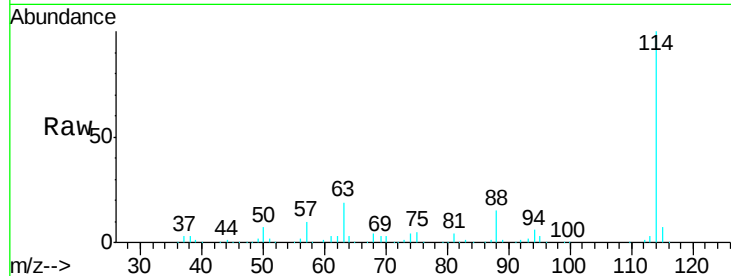
Tgt Ion:114 Resp: 351279

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

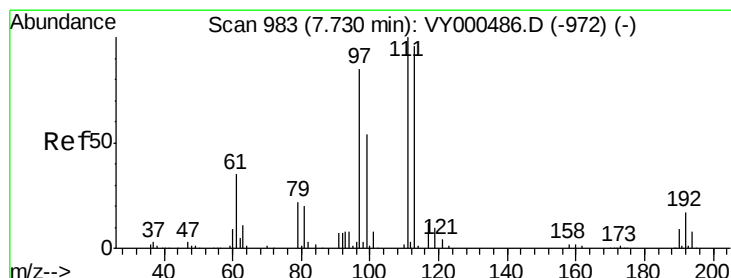
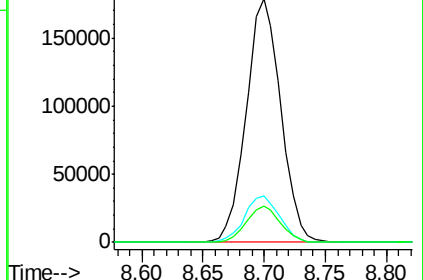
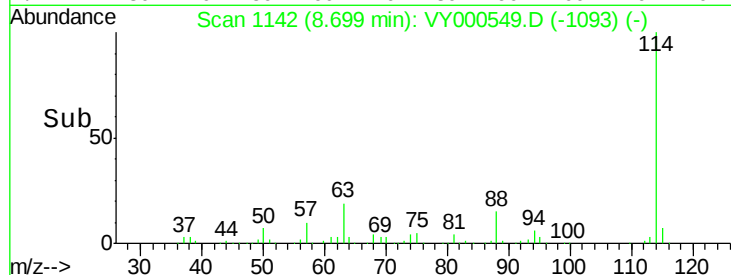
88 14.8 0.0 28.6



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: 50.443 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000549.D

Acq: 06 Nov 2019 14:25

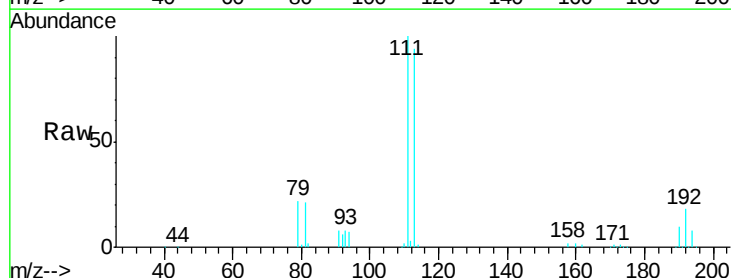
Tgt Ion:113 Resp: 104026

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

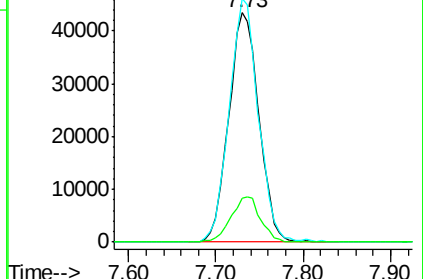
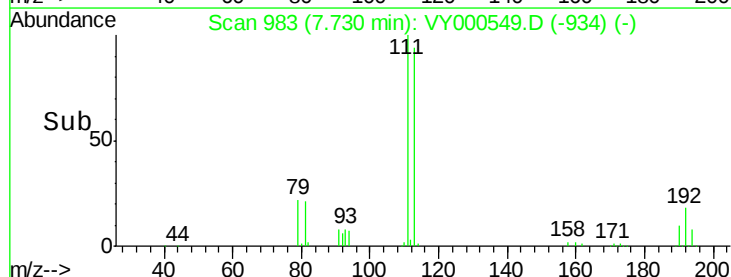
192 19.4 15.0 22.4

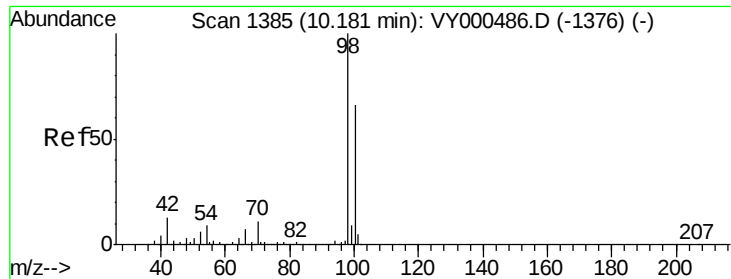


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.621 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000549.D

Acq: 06 Nov 2019 14:25

Instrument :

MSVOA_Y

ClientSampleId :

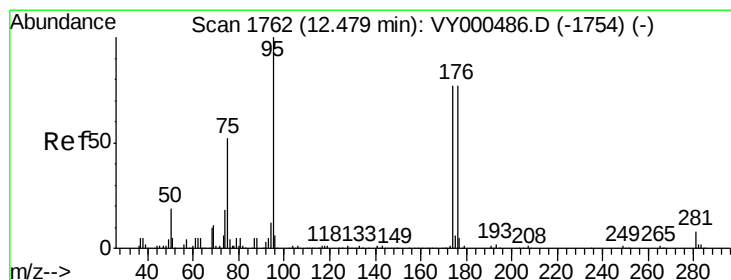
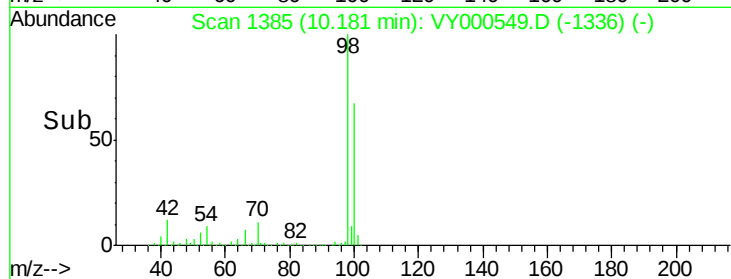
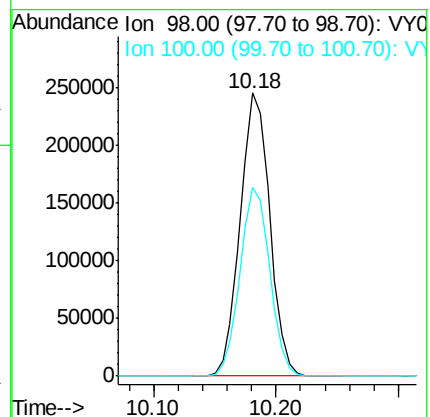
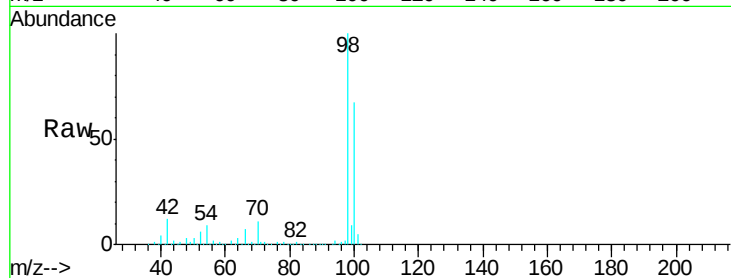
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Tgt Ion: 98 Resp: 411760

Ion Ratio Lower Upper

98 100

100 67.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.921 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000549.D

Acq: 06 Nov 2019 14:25

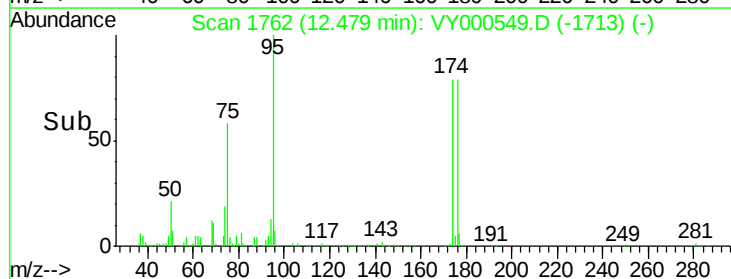
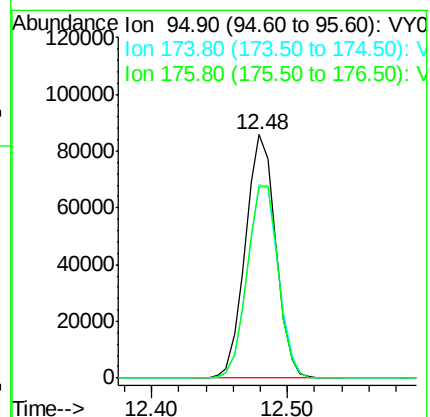
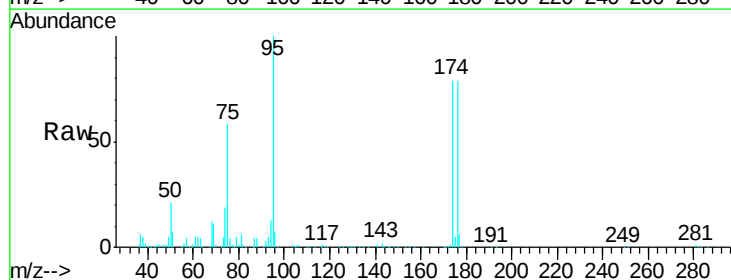
Tgt Ion: 95 Resp: 133817

Ion Ratio Lower Upper

95 100

174 81.1 0.0 161.6

176 81.3 0.0 157.8

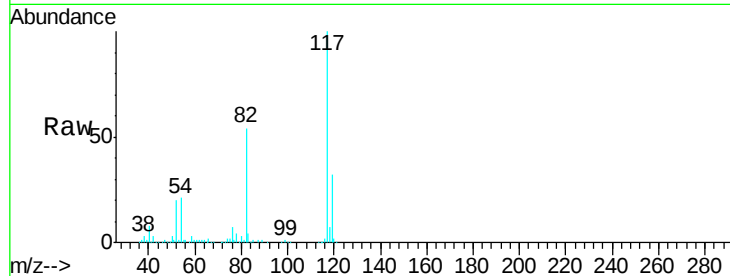




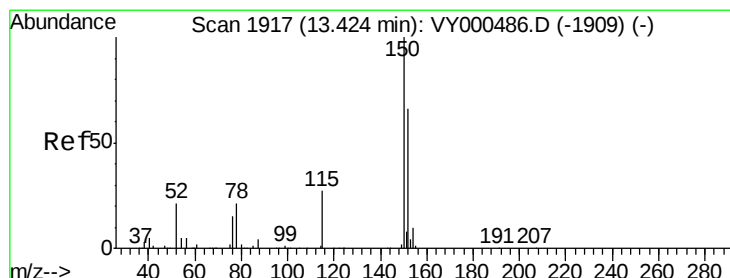
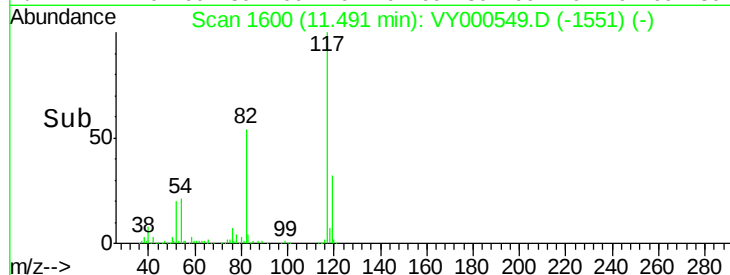
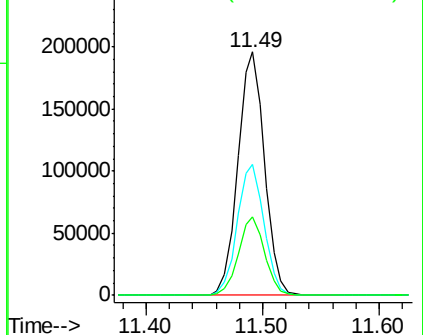
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

Instrument :
MSVOA_Y
ClientSampleId :
TT-016-IDWSO-20191105

Tgt Ion:117 Resp: 311467
Ion Ratio Lower Upper
117 100
82 54.0 40.8 61.2
119 32.2 26.2 39.2

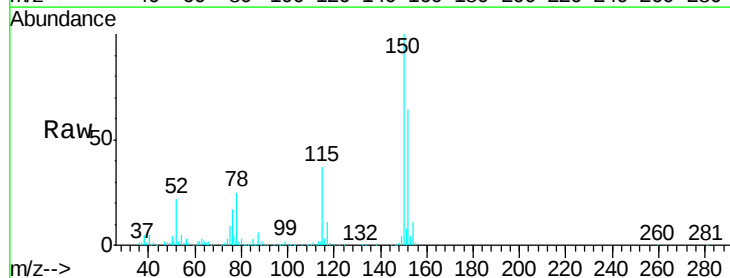


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

Tgt Ion:152 Resp: 137436
Ion Ratio Lower Upper
152 100
115 59.9 29.1 87.4
150 161.5 0.0 348.8



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

