

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001297.D
 Acq On : 20 Jan 2020 15:48
 Operator : SY/MD
 Sample : L1190-01
 Misc : 7.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TSP-02

Quant Time: Jan 21 07:31:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

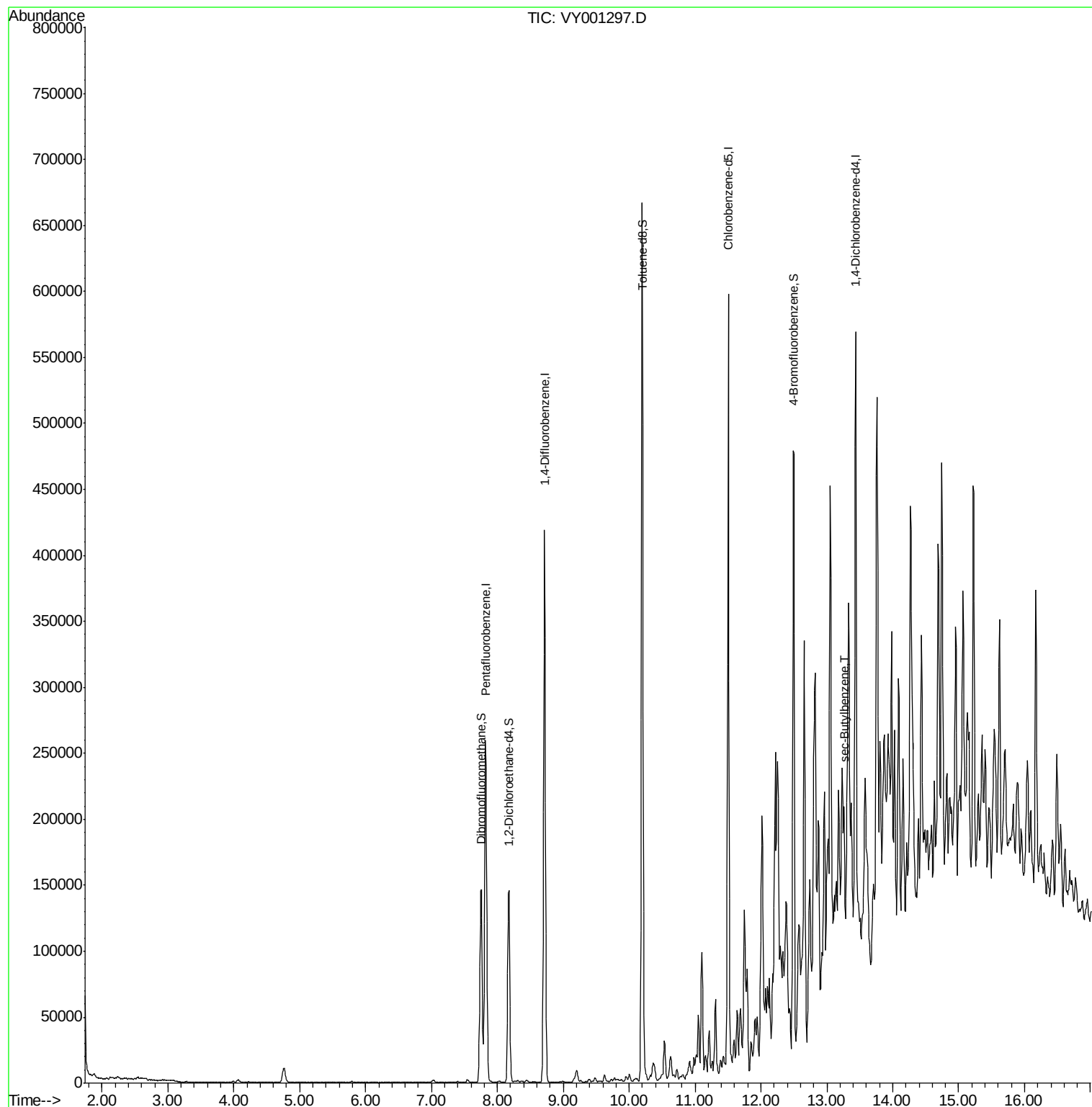
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	196206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	360150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	309131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	113291	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	7.75	113	106423	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.20	98	426996	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.49	95	143319	43.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.30%	
Target Compounds						
85) sec-Butylbenzene	13.27	105	21361	2.411	ug/l #	Qvalue 74

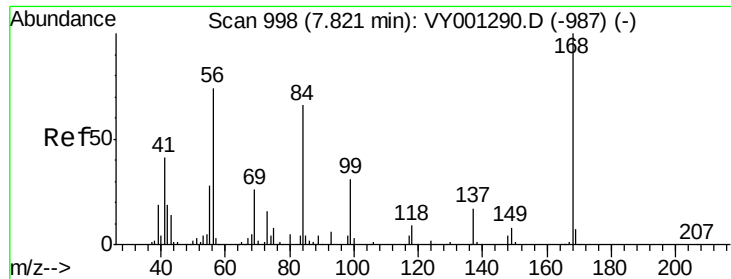
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001297.D

Acq: 20 Jan 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

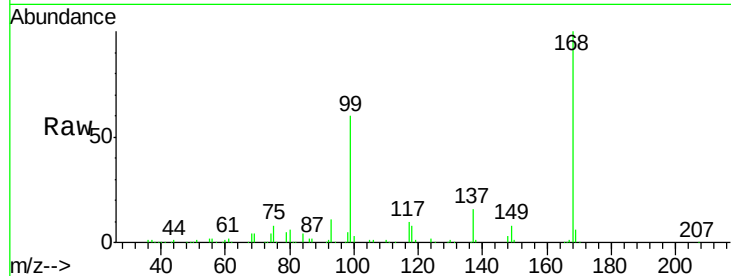
TSP-02

Tot Ion:168 Resp: 196206

Ion Ratio Lower Upper

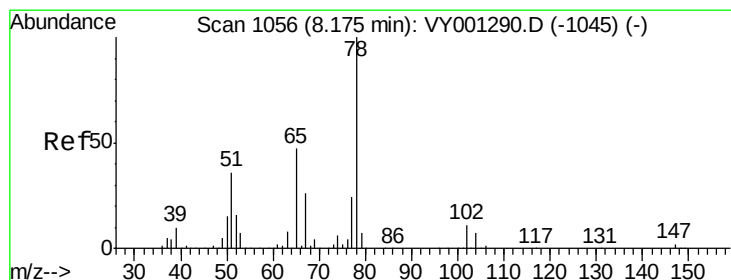
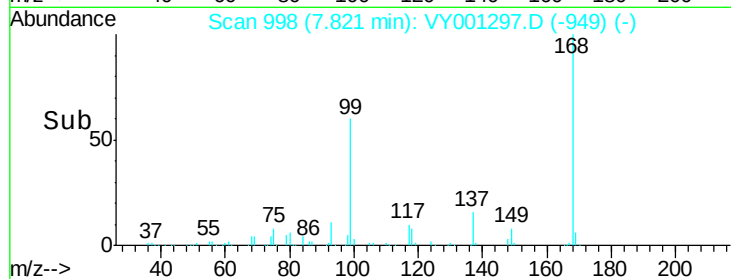
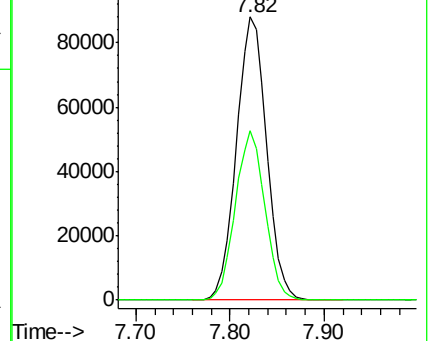
168 100

99 59.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001297.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001297.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.670 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VY001297.D

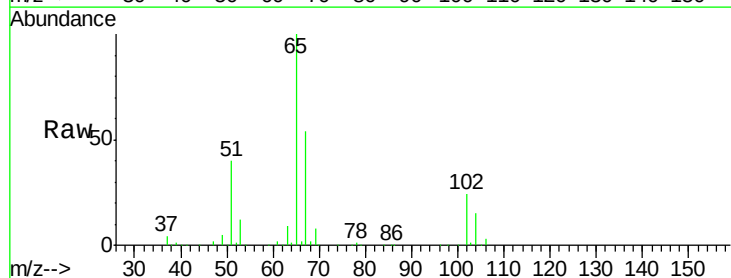
Acq: 20 Jan 2020 15:48

Tgt Ion: 65 Resp: 113291

Ion Ratio Lower Upper

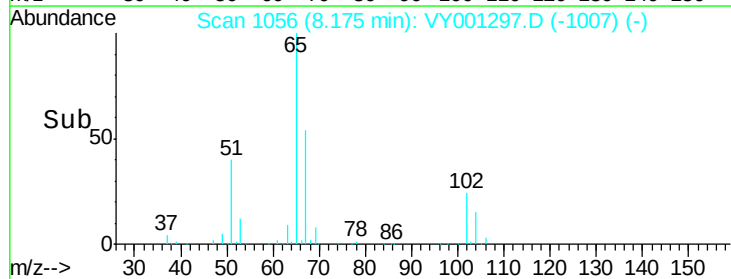
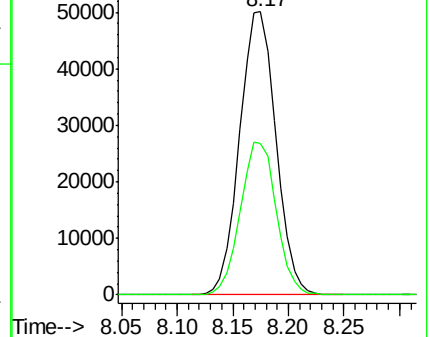
65 100

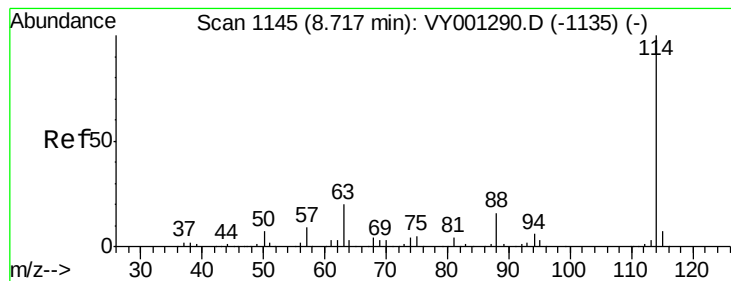
67 53.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001297.D (-1007) (-)

Ion 66.90 (66.60 to 67.60): VY001297.D (-1007) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VY001297.D

Acq: 20 Jan 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

TSP-02

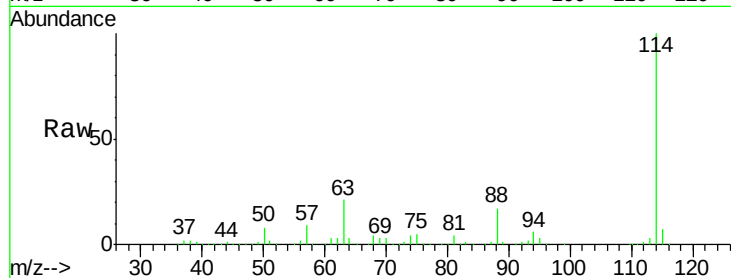
Tot Ion:114 Resp: 360150

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

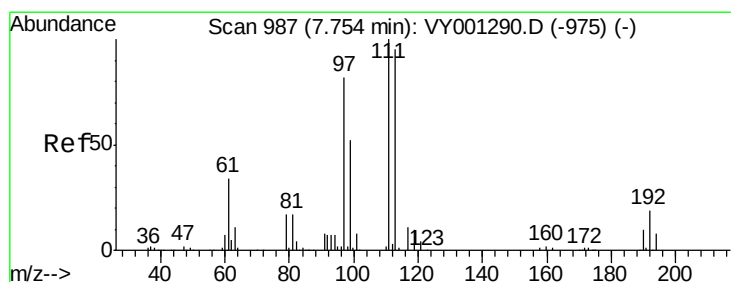
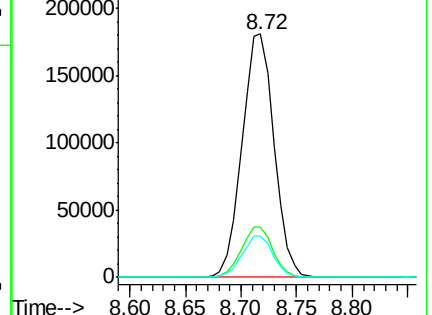
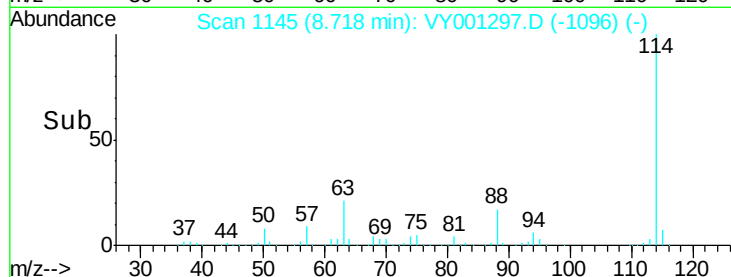
88 17.0 0.0 32.4



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: 50.469 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.00 min

Lab File: VY001297.D

Acq: 20 Jan 2020 15:48

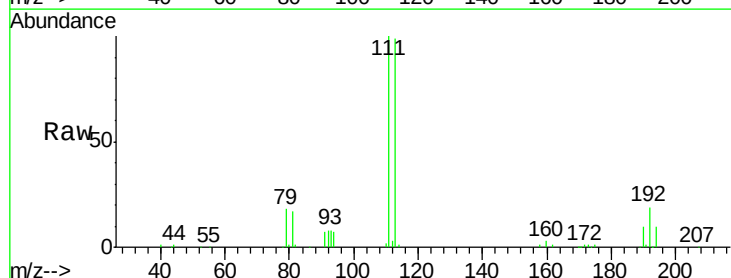
Tgt Ion:113 Resp: 106423

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

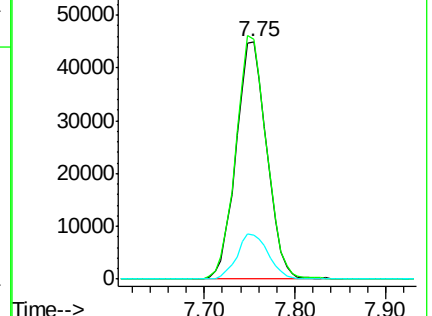
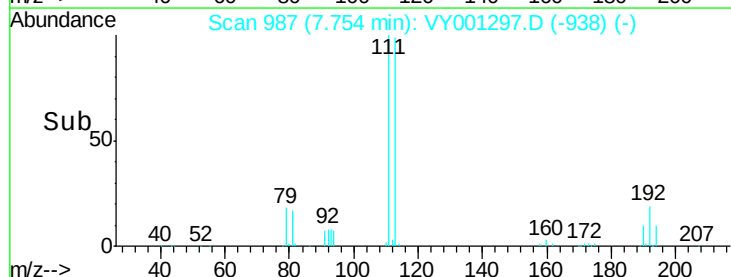
192 19.4 15.4 23.2

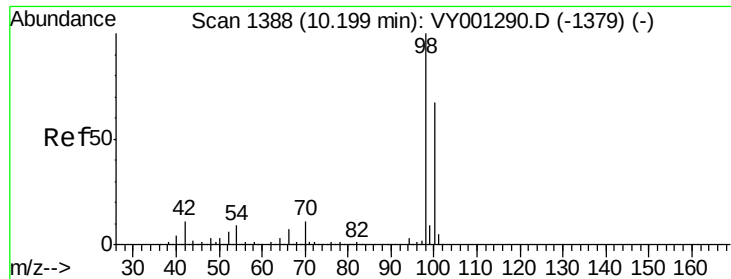


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.553 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VY001297.D

Acq: 20 Jan 2020 15:48

Instrument :

MSVOA_Y

ClientSampled :

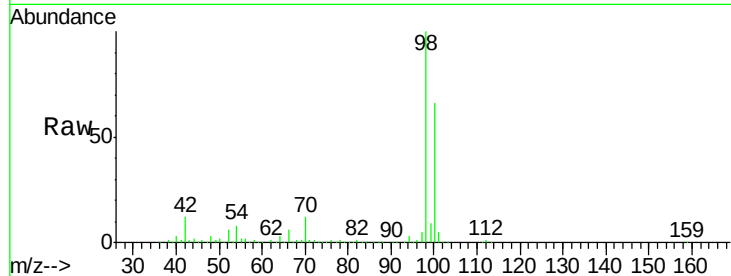
TSP-02

Tot Ion: 98 Resp: 426996

Ion Ratio Lower Upper

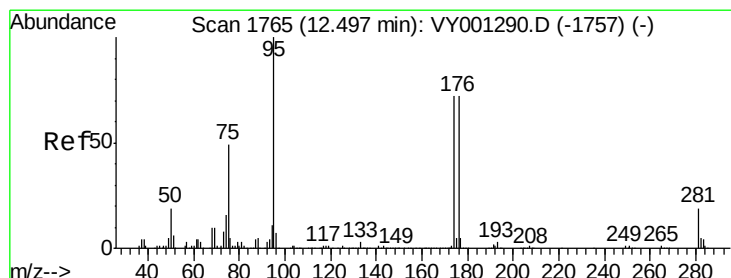
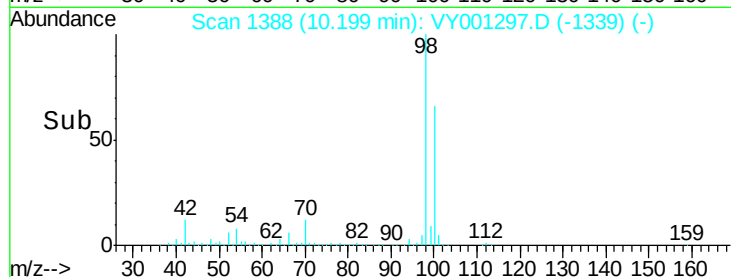
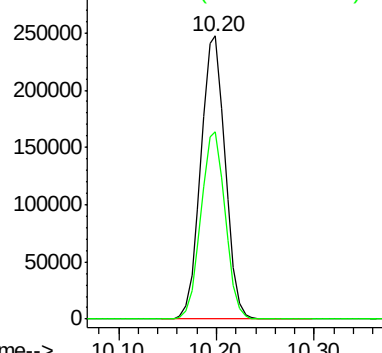
98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 43.145 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001297.D

Acq: 20 Jan 2020 15:48

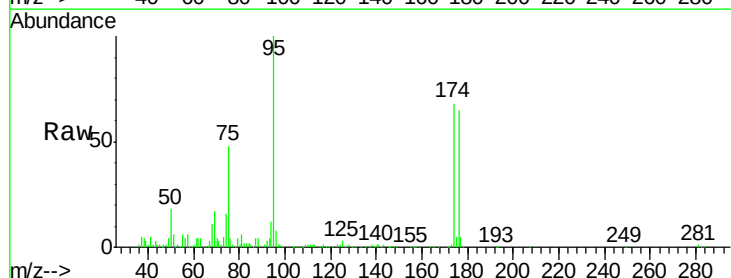
Tgt Ion: 95 Resp: 143319

Ion Ratio Lower Upper

95 100

174 70.7 0.0 143.2

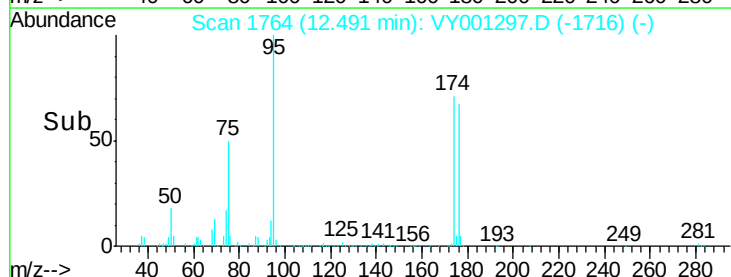
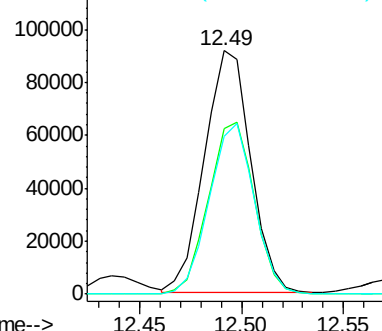
176 68.9 0.0 136.0

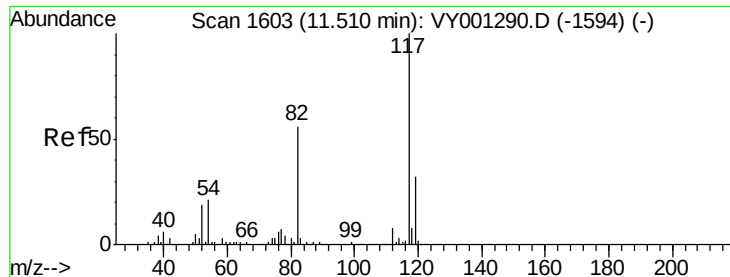


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

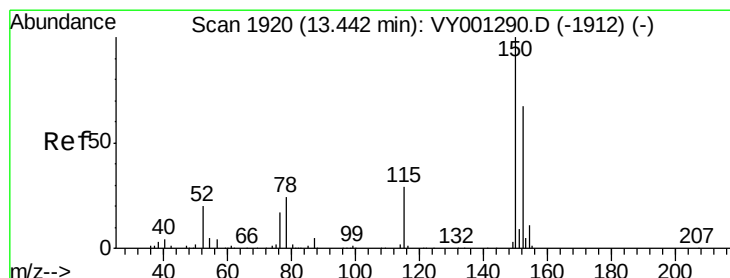
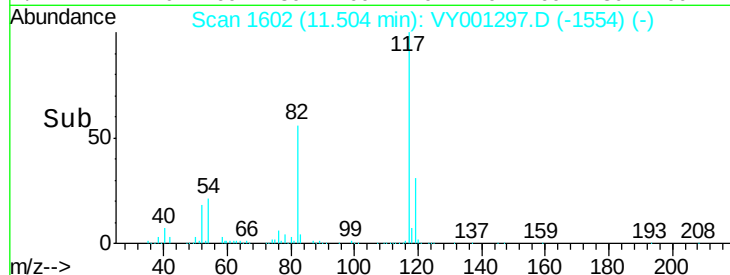
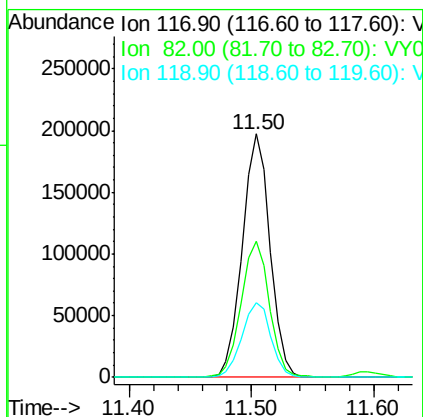
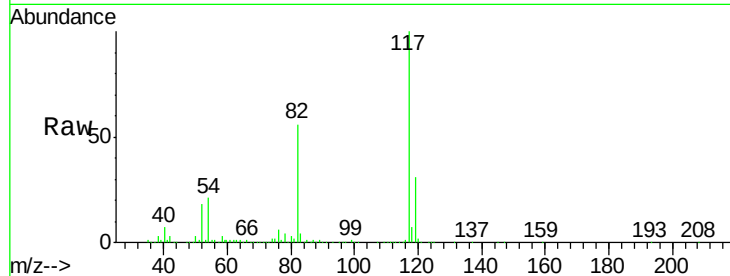




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001297.D
Acq: 20 Jan 2020 15:48

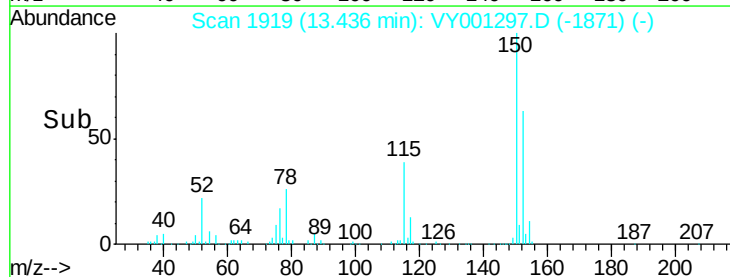
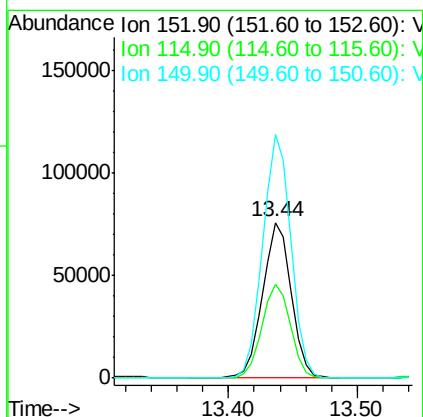
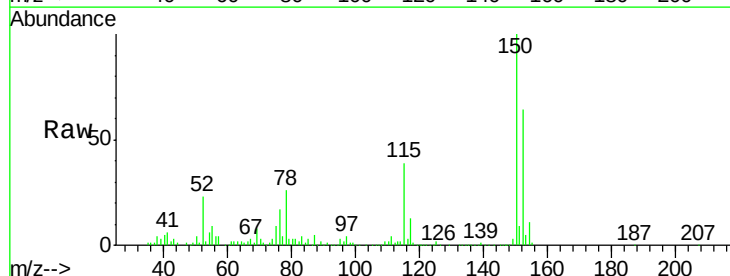
Instrument :
MSVOA_Y
ClientSampled :
TSP-02

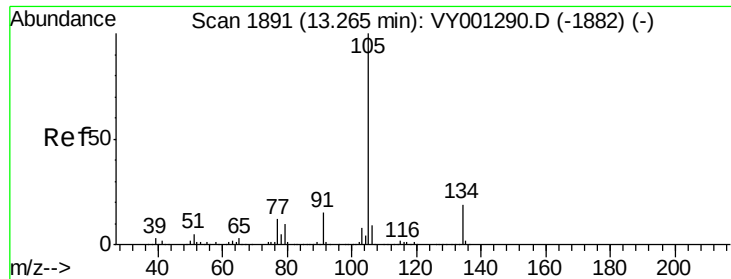
Tot Ion:117 Resp: 309131
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 30.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001297.D
Acq: 20 Jan 2020 15:48

Tgt Ion:152 Resp: 116870
Ion Ratio Lower Upper
152 100
115 59.9 30.9 92.5
150 153.5 0.0 346.8





#85

sec-Butylbenzene

Concen: 2.411 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001297.D

Acq: 20 Jan 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

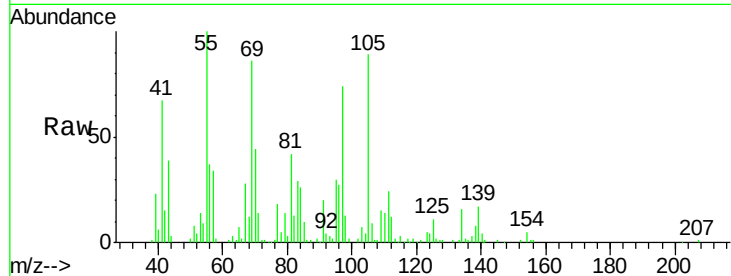
TSP-02

Tot Ion:105 Resp: 21361

Ion Ratio Lower Upper

105 100

134 31.6 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

