

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001097.D
 Acq On : 27 Dec 2019 14:59
 Operator : SY/MD
 Sample : K6443-04
 Misc : 5.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH-3

Quant Time: Dec 28 04:32:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

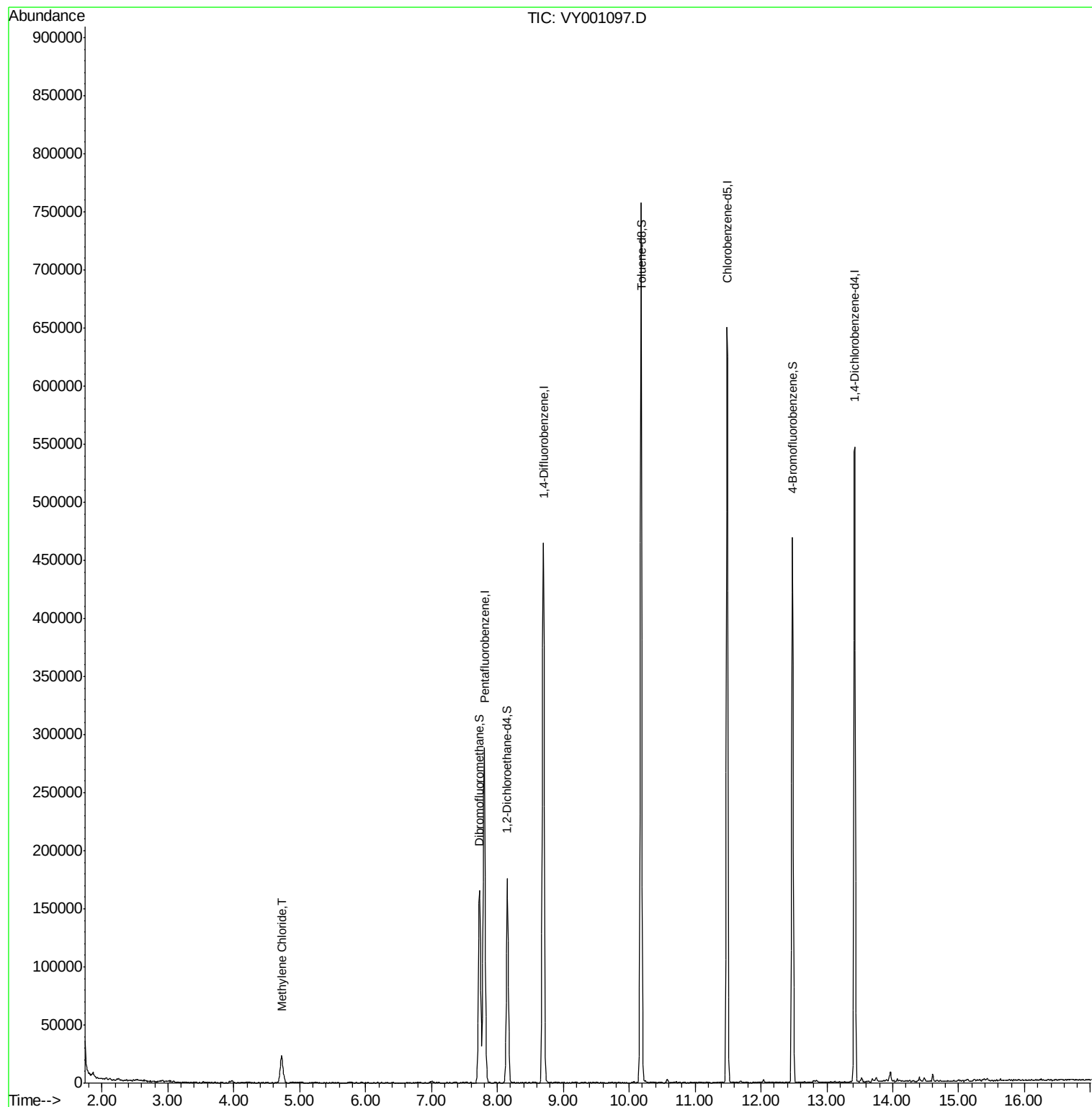
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	370076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	120053	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	7.73	113	121905	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	10.18	98	495868	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.48	95	148614	41.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.28%	
Target Compounds						
20) Methylene Chloride	4.73	84	18027	5.874	ug/l #	Qvalue 80

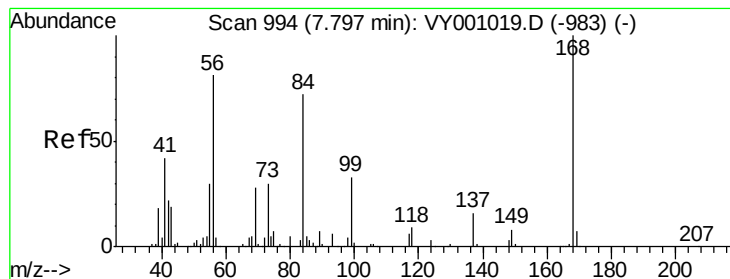
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

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MSVOA_Y

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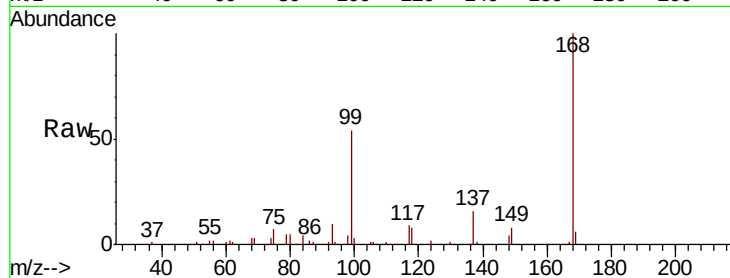
PH-3

Tot Ion:168 Resp: 229465

Ion Ratio Lower Upper

168 100

99 53.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

100000

80000

60000

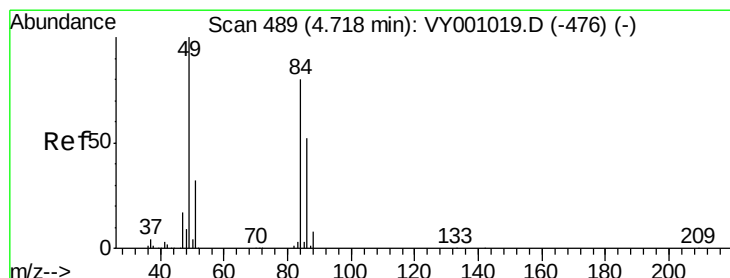
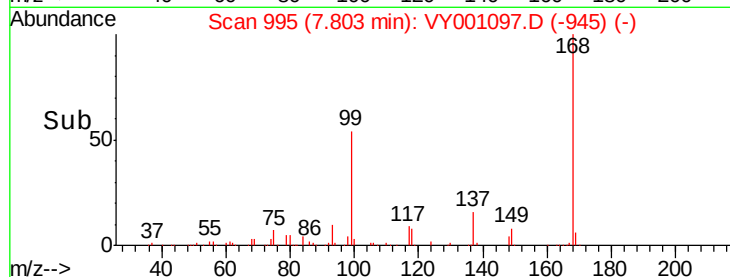
40000

20000

0

Time-->

7.70 7.80 7.90



#20

Methylene Chloride

Concen: 5.874 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

Tgt Ion: 84 Resp: 18027

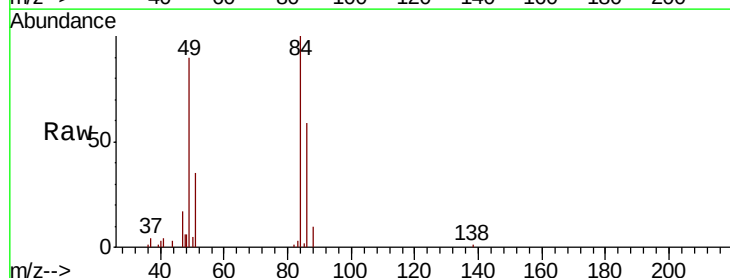
Ion Ratio Lower Upper

84 100

49 89.6 99.8 149.6#

51 35.4 31.4 47.2

86 59.0 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VY001019.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY001019.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY001019.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY001019.D (-476) (-)

4.73

10000

8000

6000

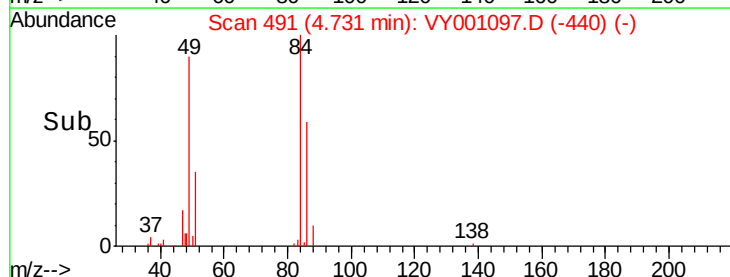
4000

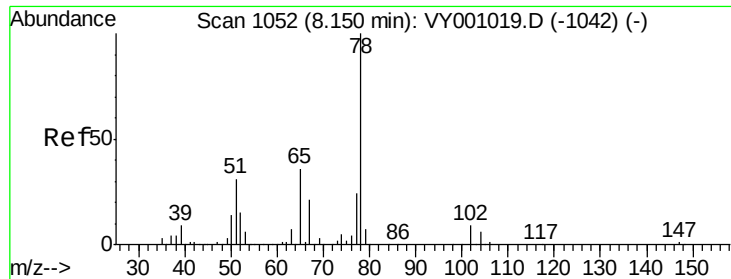
2000

0

Time-->

4.60 4.70 4.80

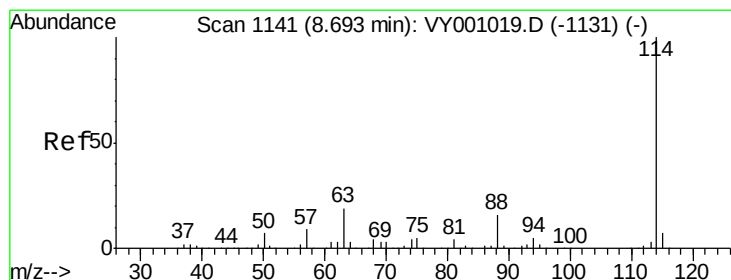
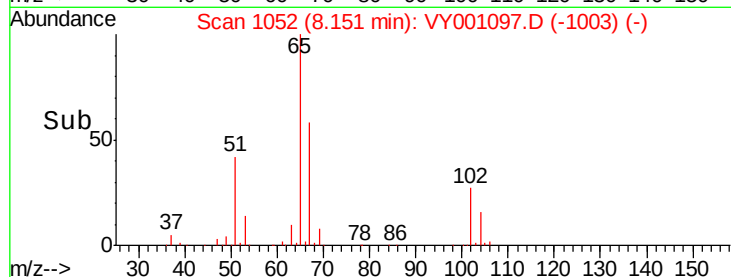
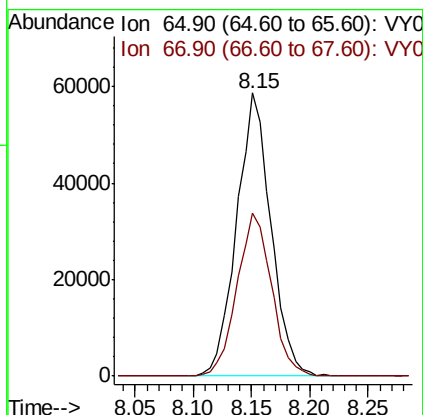
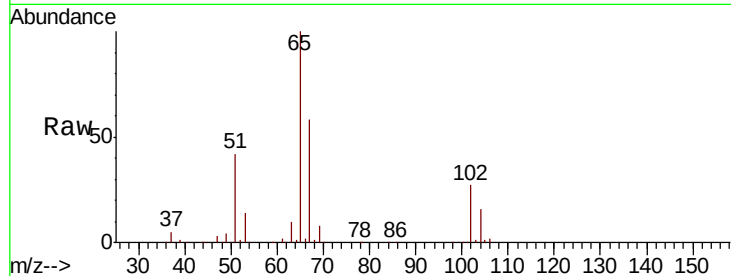




#33
 1,2-Dichloroethane-d4
 Concen: 53.047 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001097.D
 Acq: 27 Dec 2019 14:59

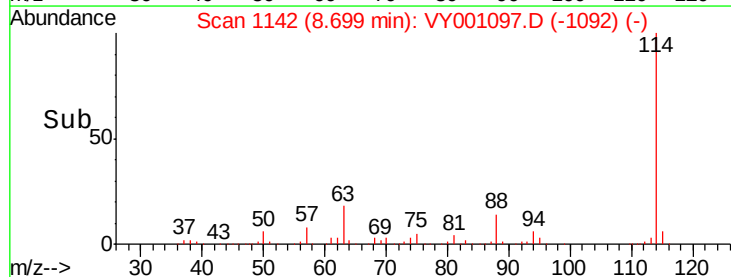
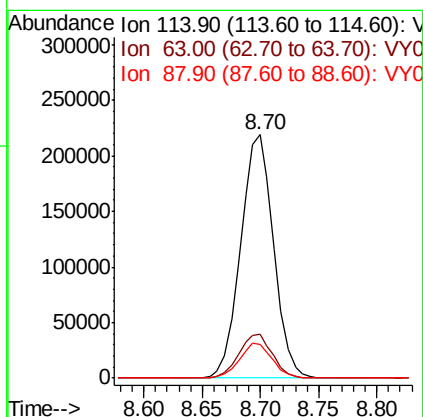
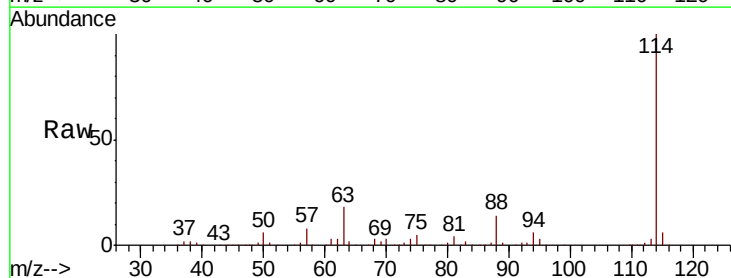
Instrument :
 MSVOA_Y
 ClientSampleId :
 PH-3

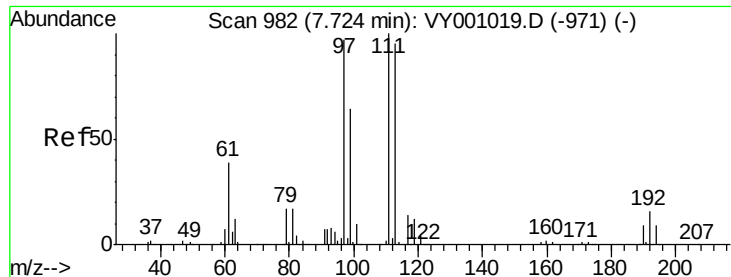
Tot Ion: 65 Resp: 120053
 Ion Ratio Lower Upper
 65 100
 67 58.3 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001097.D
 Acq: 27 Dec 2019 14:59

Tgt Ion: 114 Resp: 429366
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.0
 88 14.0 0.0 32.0

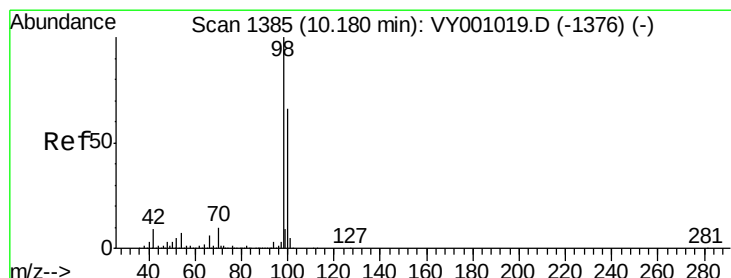
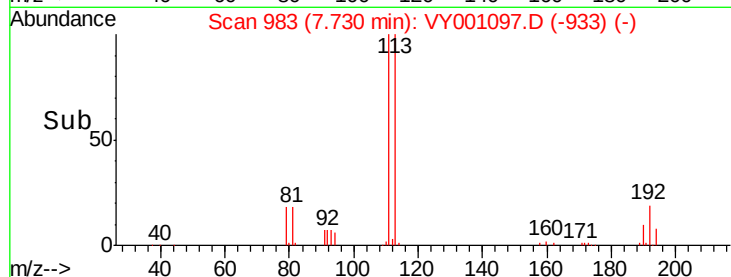
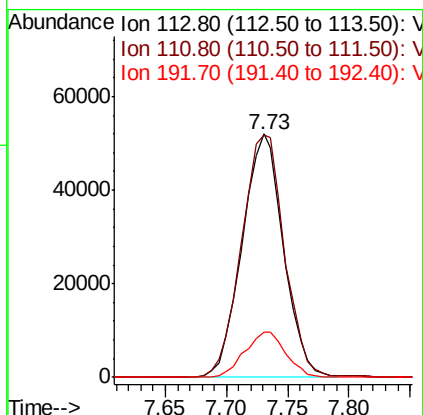
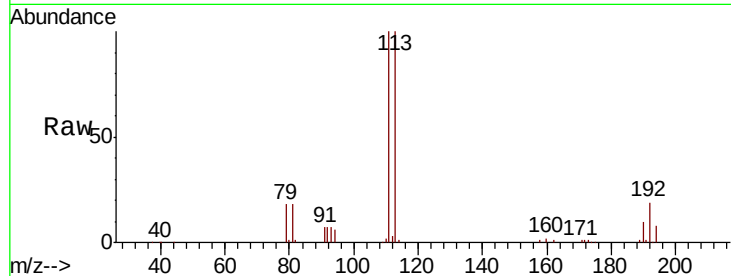




#35
 Dibromofluoromethane
 Concen: 48.215 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001097.D
 Acq: 27 Dec 2019 14:59

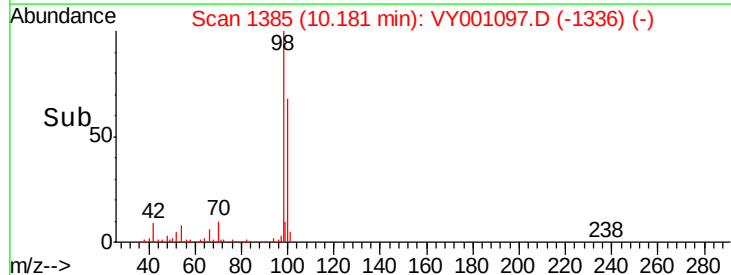
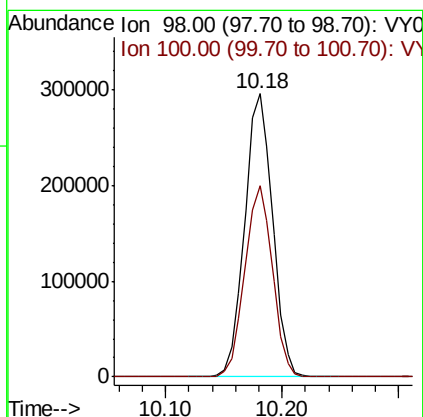
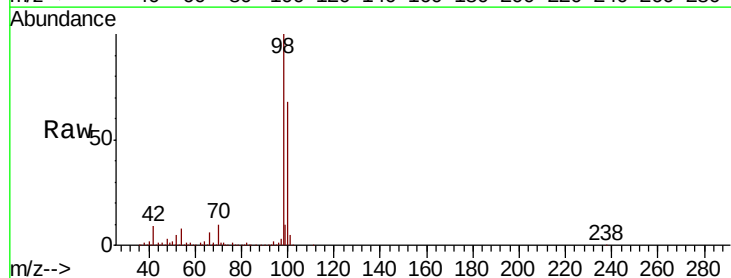
Instrument :
 MSVOA_Y
 ClientSampleId :
 PH-3

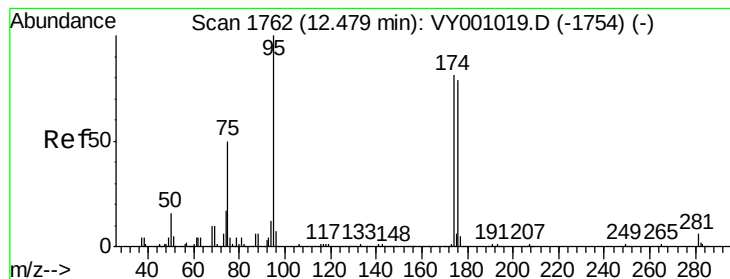
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.0	124.4
192	18.7	14.6	21.8



#50
 Toluene-d8
 Concen: 50.185 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001097.D
 Acq: 27 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4





#62

4-Bromofluorobenzene

Concen: 41.138 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

Instrument :

MSVOA_Y

ClientSampleId :

PH-3

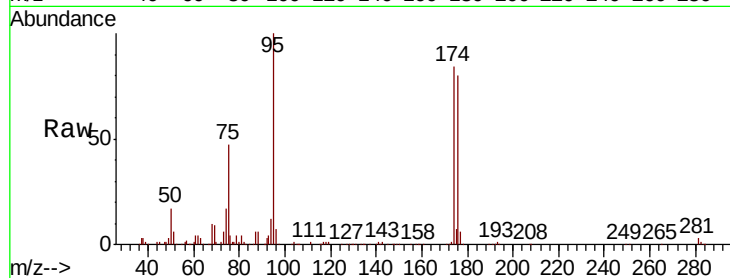
Tot Ion: 95 Resp: 148614

Ion Ratio Lower Upper

95 100

174 78.2 0.0 156.4

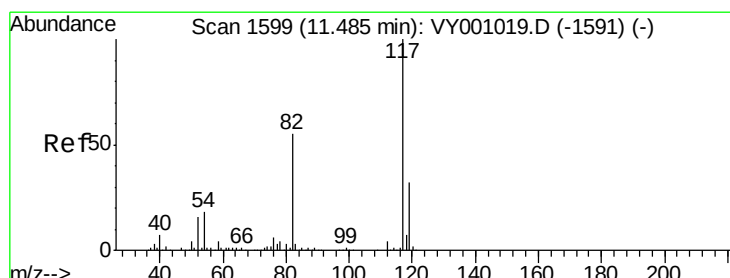
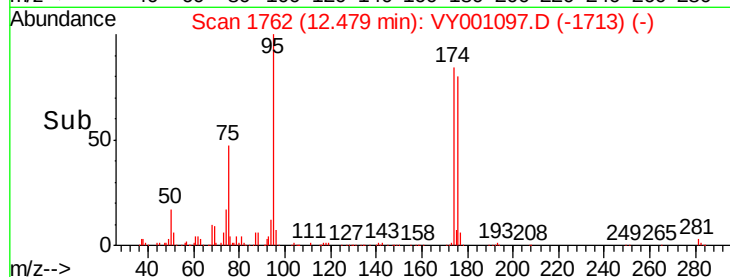
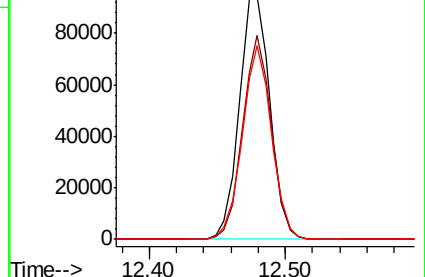
176 75.8 0.0 155.0



Abundance Ion 94.90 (94.60 to 95.60): VY001019.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY001019.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY001019.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

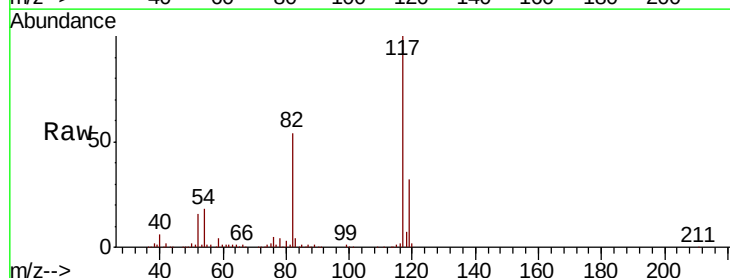
Tgt Ion: 117 Resp: 370076

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

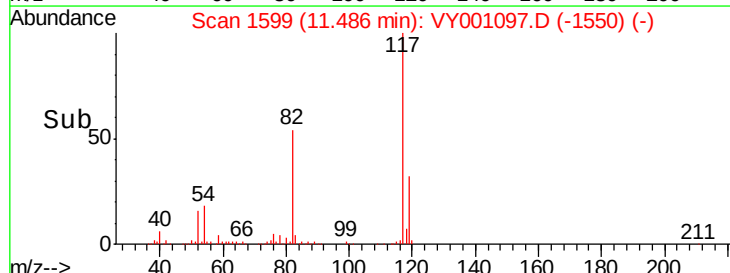
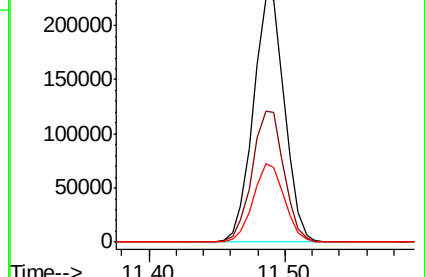
119 32.4 25.8 38.6

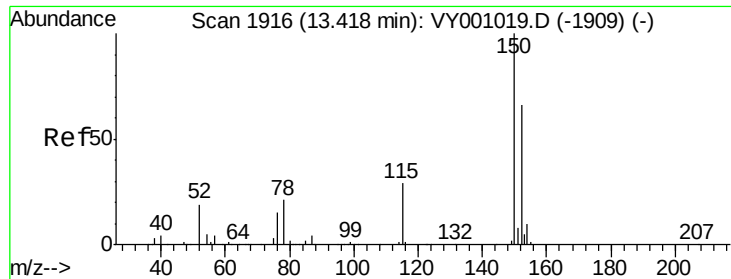


Abundance Ion 116.90 (116.60 to 117.60): VY001019.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY001019.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY001019.D (-1591) (-)



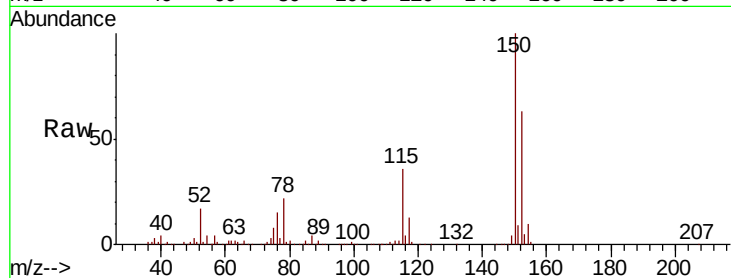


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VY001097.D
 Acq: 27 Dec 2019 14:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH-3

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.8	89.3
150	157.1	0.0	352.6



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

