

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001072.D
 Acq On : 26 Dec 2019 15:15
 Operator : SY/MD
 Sample : K6431-09
 Misc : 8.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)

Quant Time: Dec 27 06:19:47 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

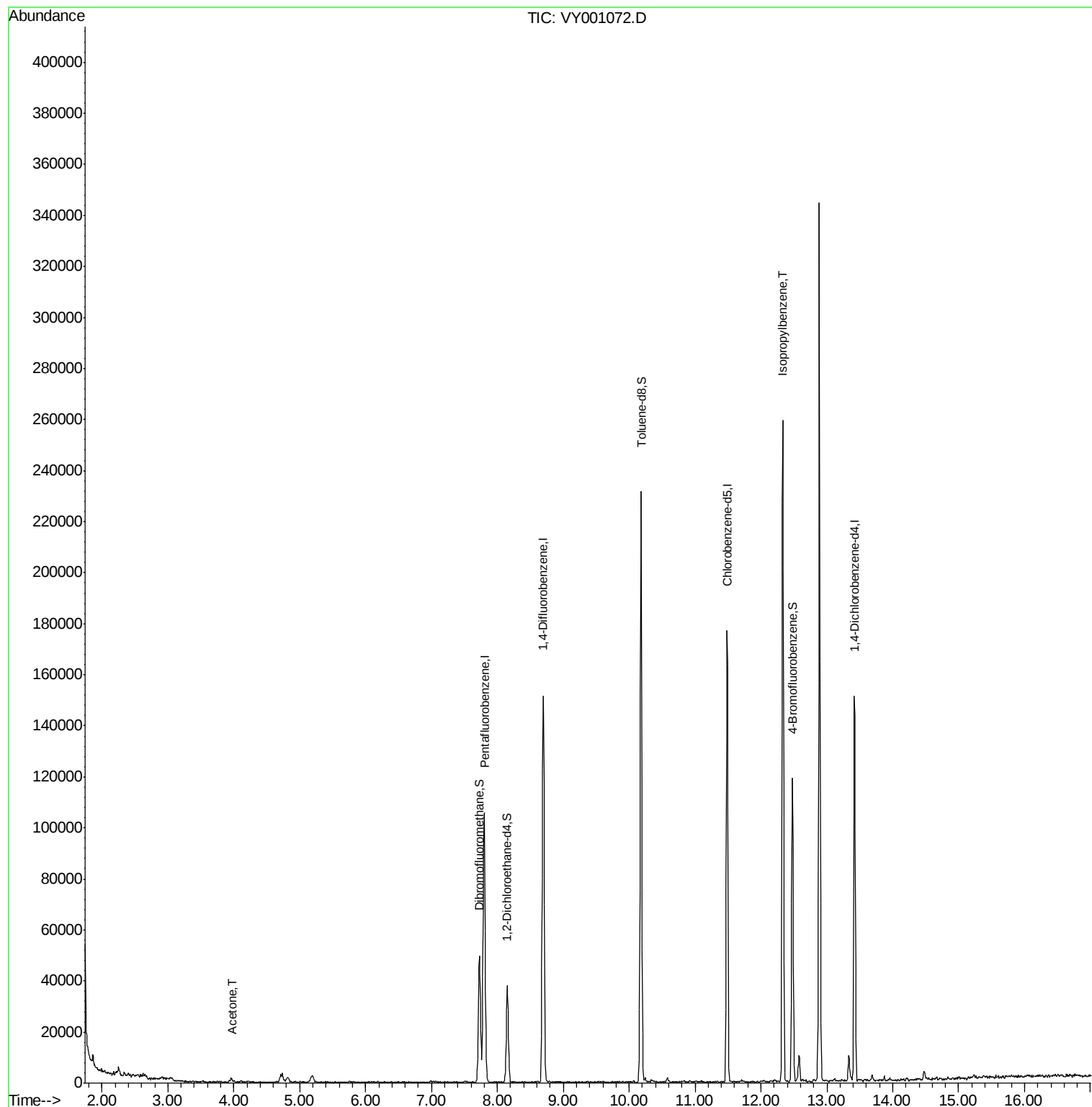
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	82852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	136855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	99760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	38206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	28148	34.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.90%	
35) Dibromofluoromethane	7.73	113	34341	42.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.22%	
50) Toluene-d8	10.18	98	153969	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.48	95	36193	31.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.86%	
Target Compounds						
16) Acetone	3.97	43	2119	11.256	ug/l	99
73) Isopropylbenzene	12.33	105	10236	3.462	ug/l #	62

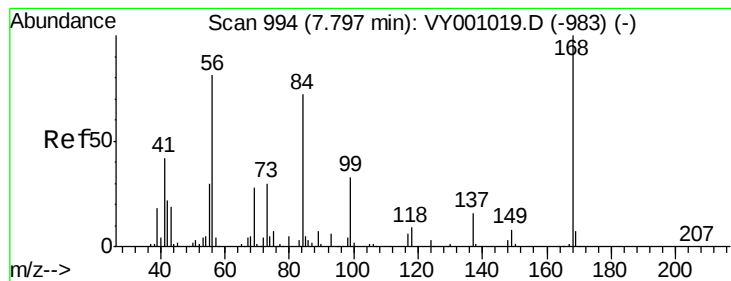
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001072.D

Acq: 26 Dec 2019 15:15

Instrument :

MSVOA_Y

ClientSampleId :

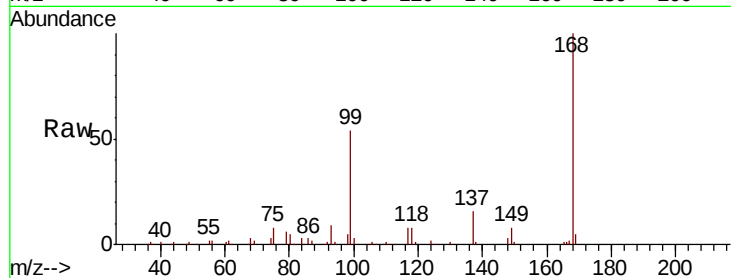
SB-2-(4-5)

Tot Ion:168 Resp: 82852

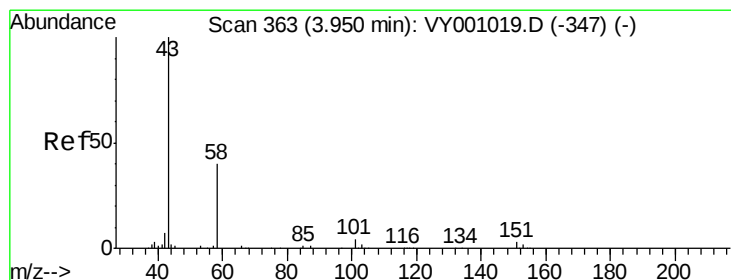
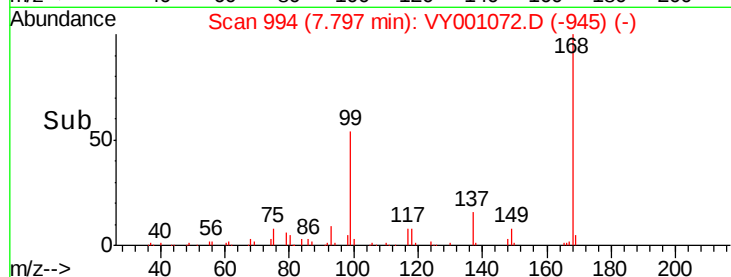
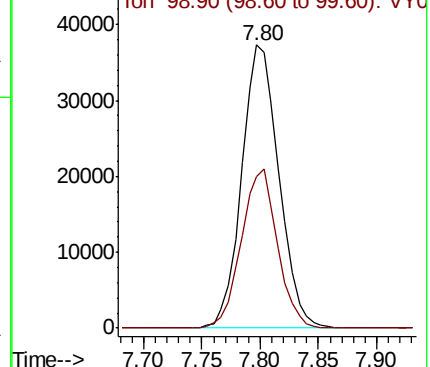
Ion Ratio Lower Upper

168 100

99 53.7 44.0 66.0



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



#16

Acetone

Concen: 11.256 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001072.D

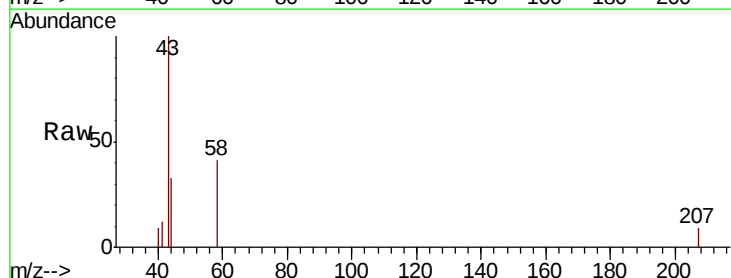
Acq: 26 Dec 2019 15:15

Tgt Ion: 43 Resp: 2119

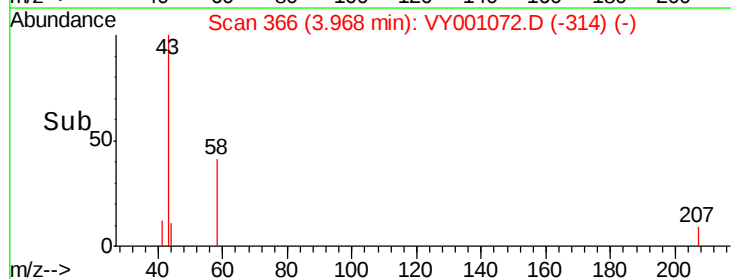
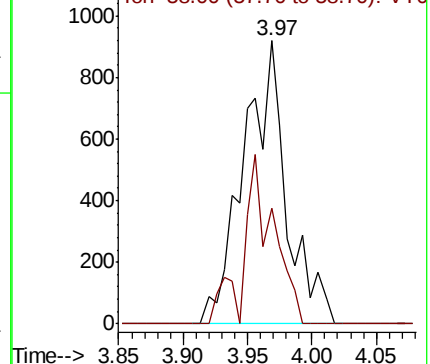
Ion Ratio Lower Upper

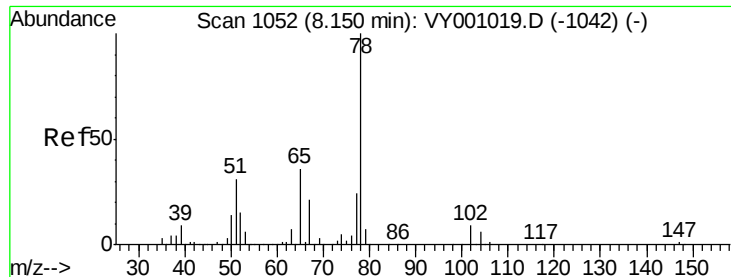
43 100

58 40.7 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)





#33

1,2-Dichloroethane-d4

Concen: 34.447 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001072.D

Acq: 26 Dec 2019 15:15

Instrument :

MSVOA_Y

ClientSampleId :

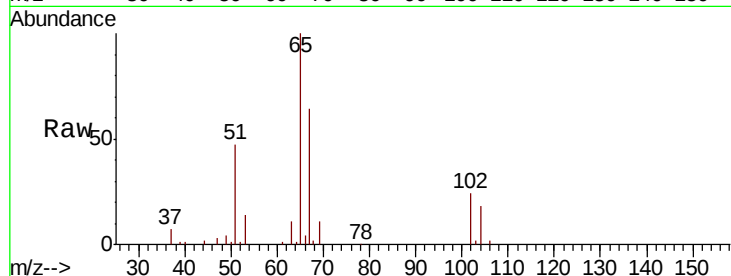
SB-2-(4-5)

Tot Ion: 65 Resp: 28148

Ion Ratio Lower Upper

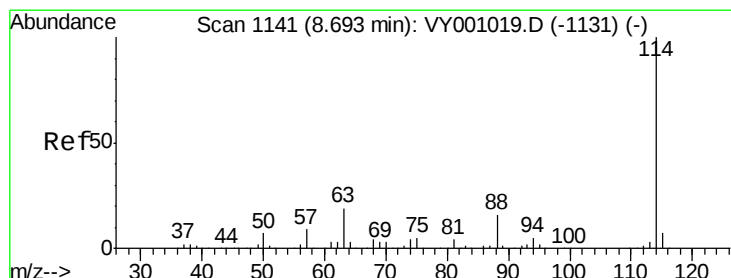
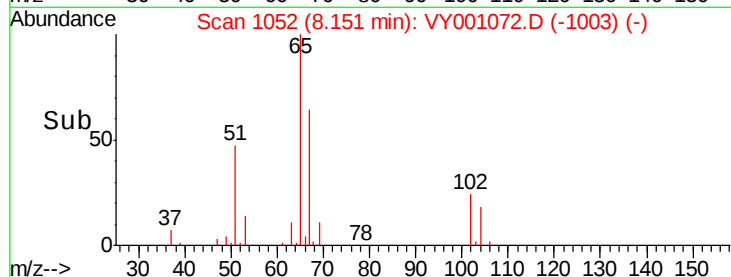
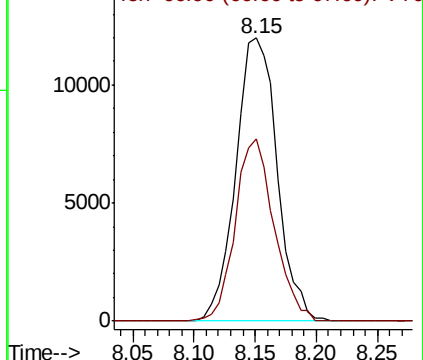
65 100

67 60.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001072.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY001072.D (-1003) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001072.D

Acq: 26 Dec 2019 15:15

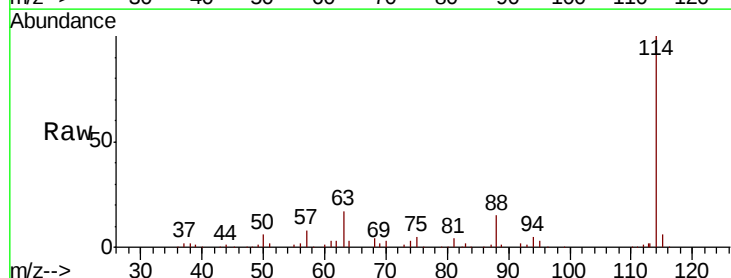
Tgt Ion: 114 Resp: 136855

Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.0

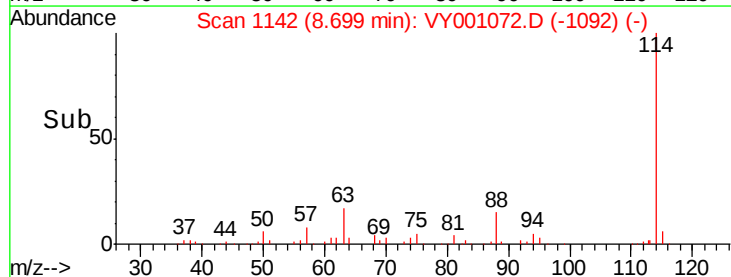
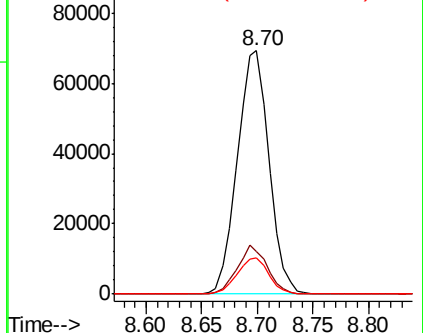
88 14.8 0.0 32.0

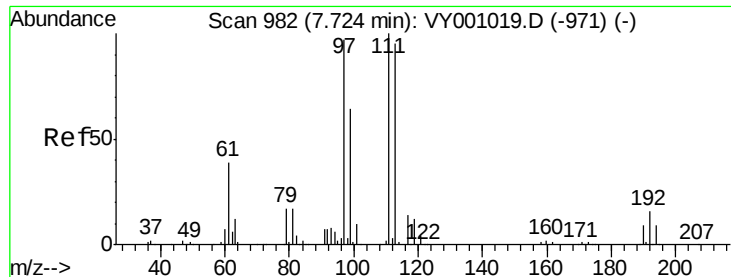


Abundance Ion 113.90 (113.60 to 114.60): VY001072.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY001072.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY001072.D (-1092) (-)

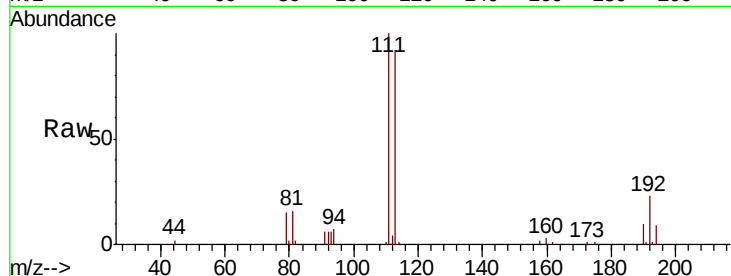




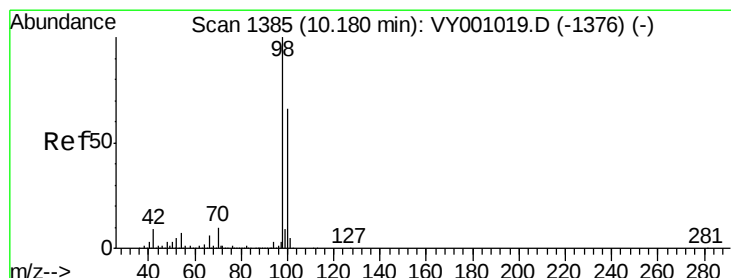
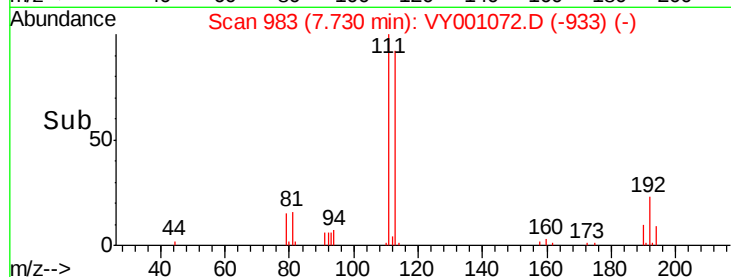
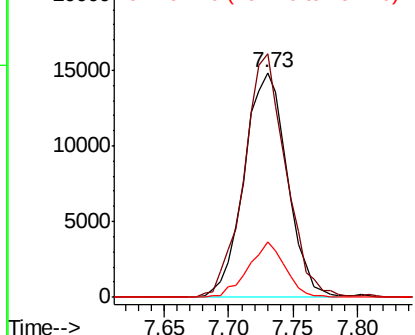
#35
 Dibromofluoromethane
 Concen: 42.613 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001072.D
 Acq: 26 Dec 2019 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)

Tot Ion:113 Resp: 34341
 Ion Ratio Lower Upper
 113 100
 111 105.4 83.0 124.4
 192 21.1 14.6 21.8

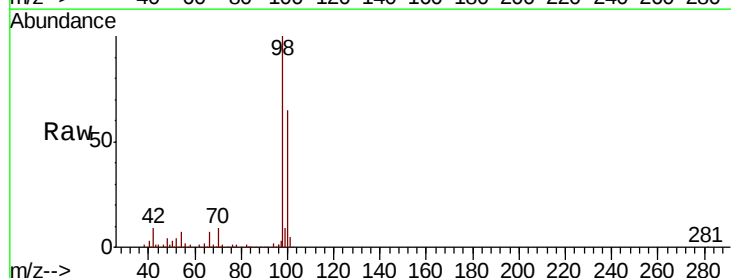


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

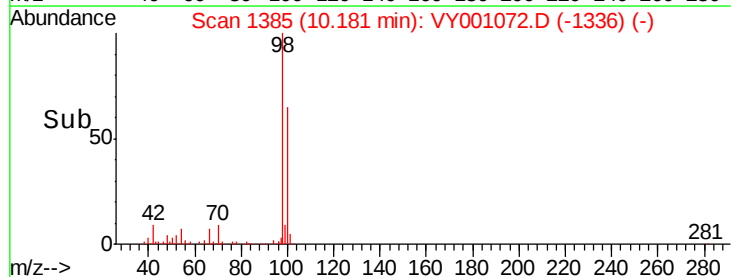
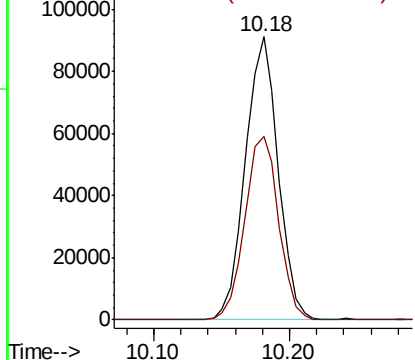


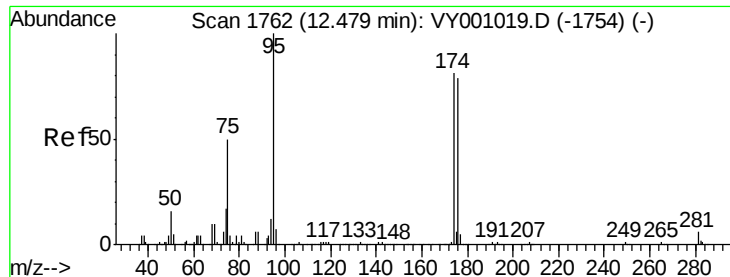
#50
 Toluene-d8
 Concen: 48.889 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001072.D
 Acq: 26 Dec 2019 15:15

Tgt Ion: 98 Resp: 153969
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

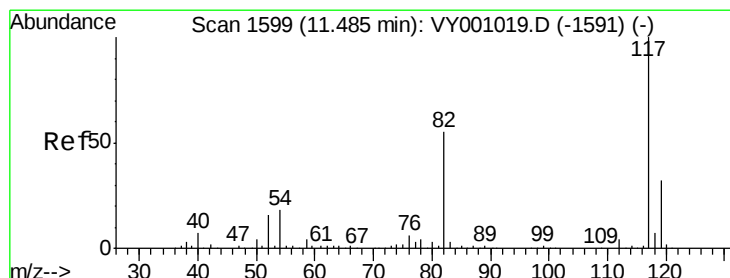
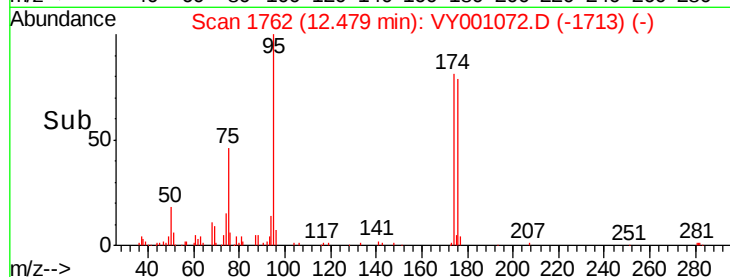
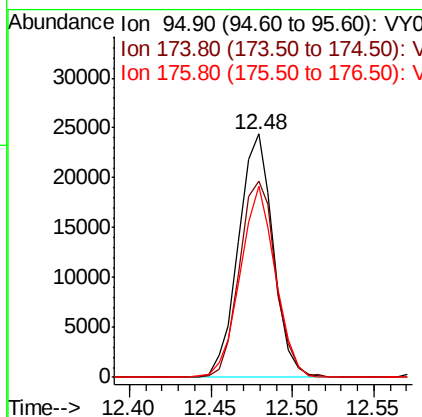
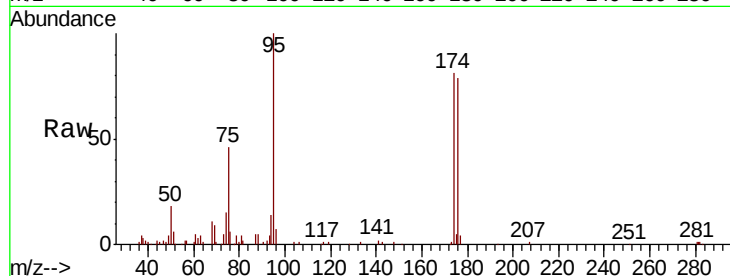




#62
4-Bromofluorobenzene
Concen: 31.432 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001072.D
Acq: 26 Dec 2019 15:15

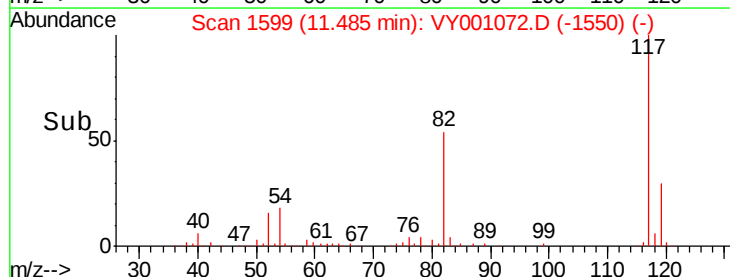
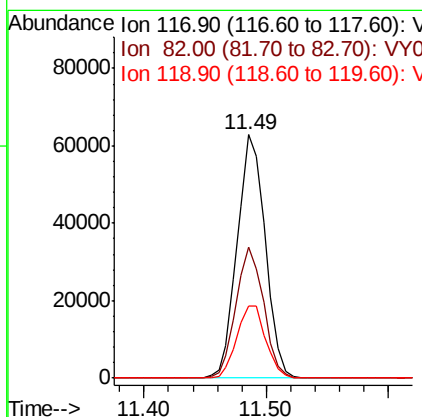
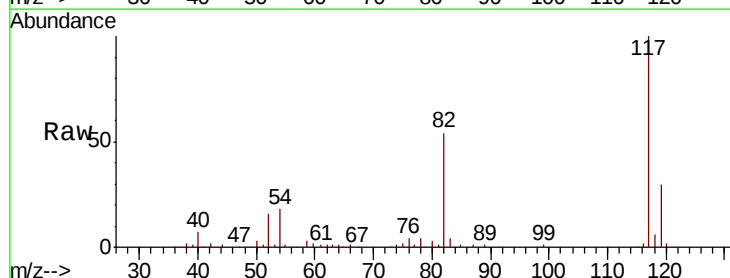
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)

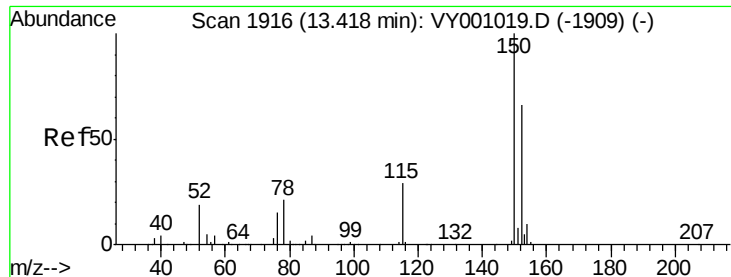
Tot Ion: 95 Resp: 36193
Ion Ratio Lower Upper
95 100
174 84.2 0.0 156.4
176 79.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001072.D
Acq: 26 Dec 2019 15:15

Tgt Ion: 117 Resp: 99760
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 29.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001072.D

Acq: 26 Dec 2019 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)

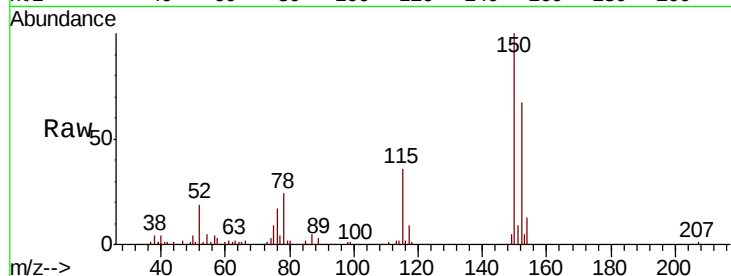
Tot Ion:152 Resp: 38206

Ion Ratio Lower Upper

152 100

115 59.7 29.8 89.3

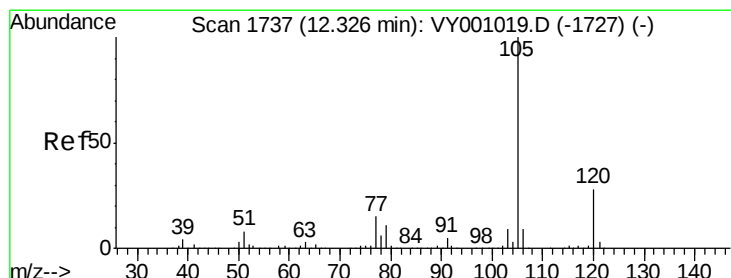
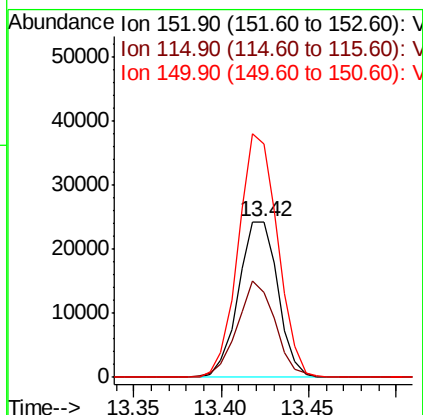
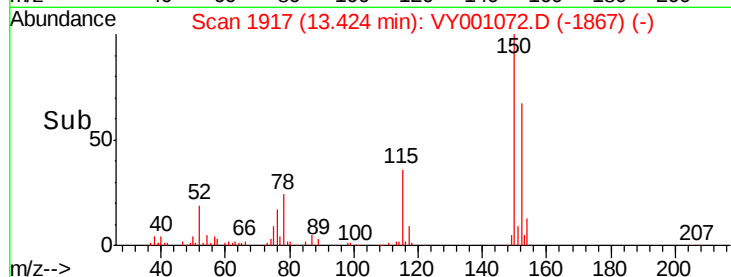
150 156.1 0.0 352.6



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



#73

Isopropylbenzene

Concen: 3.462 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY001072.D

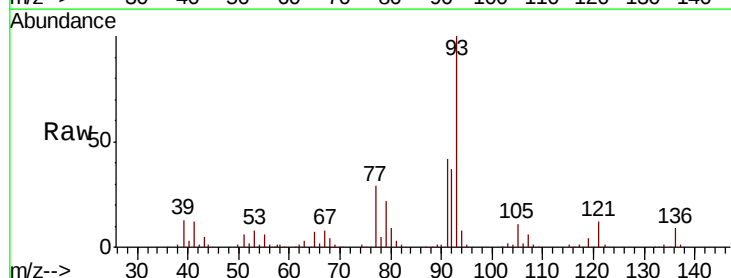
Acq: 26 Dec 2019 15:15

Tgt Ion:105 Resp: 10236

Ion Ratio Lower Upper

105 100

120 7.1 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

