

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001068.D
 Acq On : 26 Dec 2019 13:46
 Operator : SY/MD
 Sample : K6431-04
 Misc : 6.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(5-6)

Quant Time: Jan 06 06:50:49 2020
 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

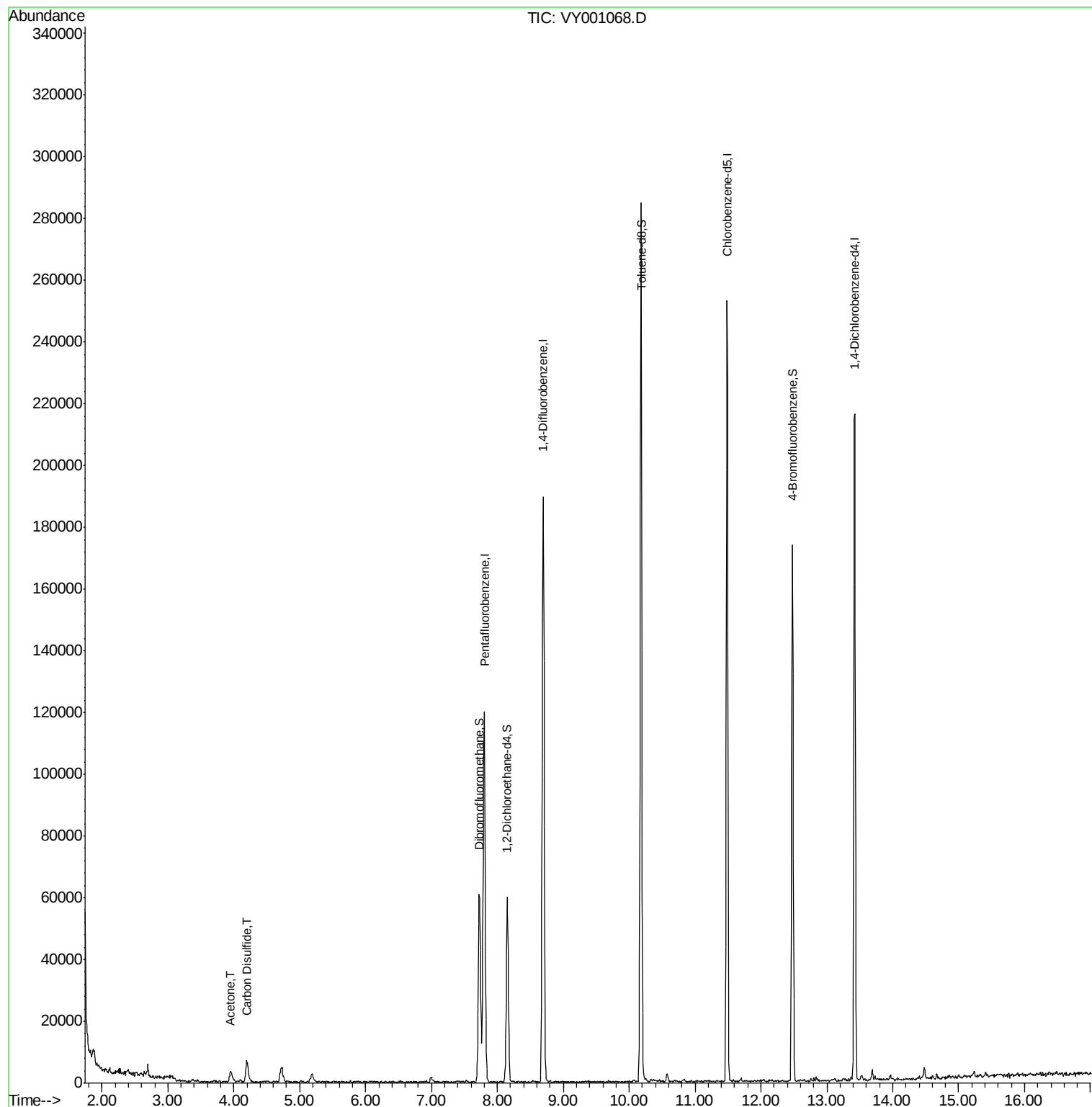
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	91328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	167102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	138119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	56205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	43517	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	7.72	113	45808	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	10.18	98	192412	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.48	95	54460	38.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.48%	
Target Compounds						
16) Acetone	3.96	43	5966	28.751	ug/l	97
17) Carbon Disulfide	4.19	76	12389	3.695	ug/l #	89

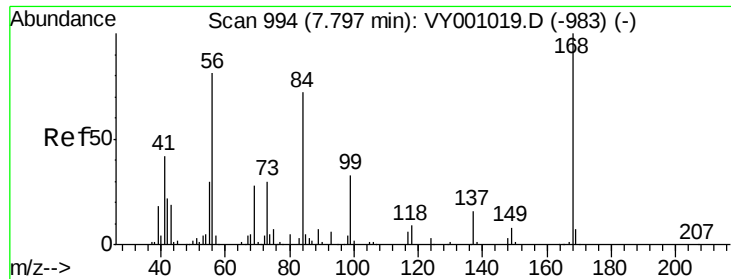
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001068.D

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Instrument :

MSVOA_Y

ClientSampleId :

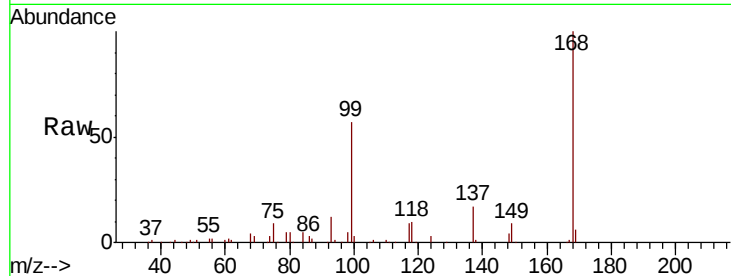
SB-4-(5-6)

Tot Ion:168 Resp: 91328

Ion Ratio Lower Upper

168 100

99 56.7 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

40000

30000

20000

10000

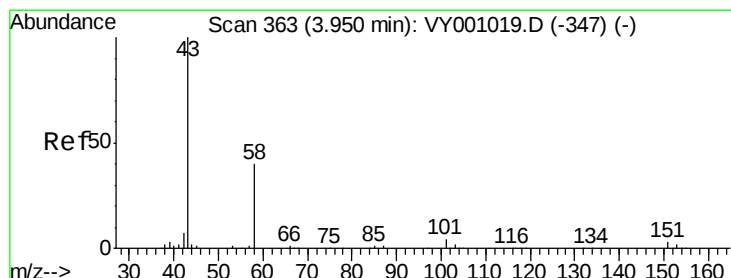
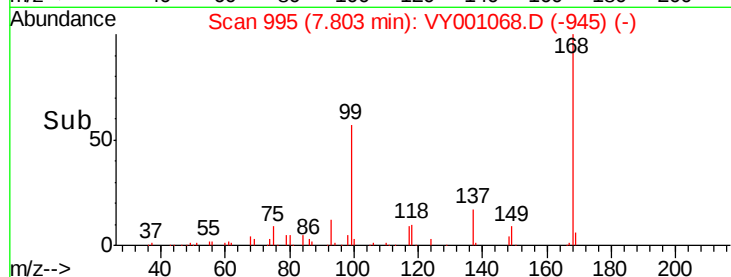
0

7.70

7.80

7.90

Time-->



#16

Acetone

Concen: 28.751 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001068.D

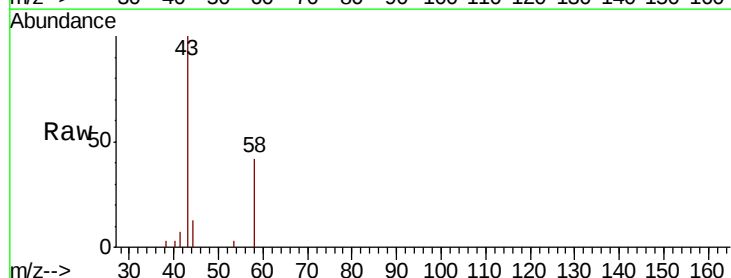
Acq: 26 Dec 2019 13:46

Tgt Ion: 43 Resp: 5966

Ion Ratio Lower Upper

43 100

58 41.8 32.1 48.1



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

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

3.96

2500

2000

1500

1000

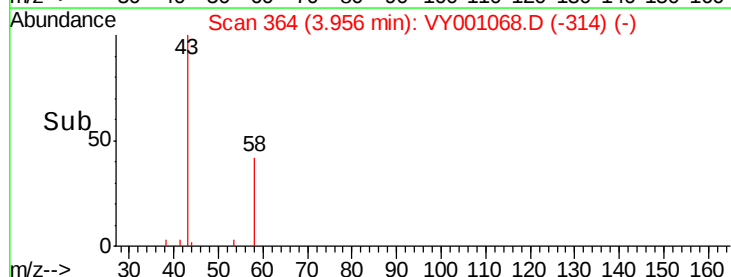
500

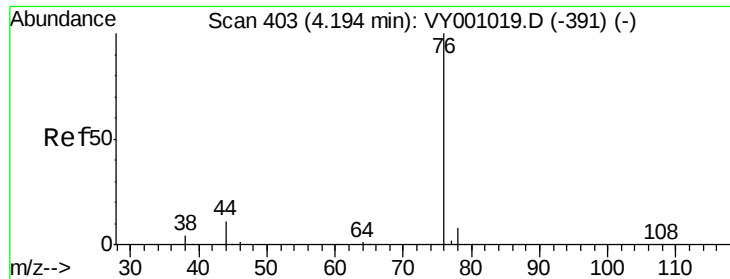
0

3.90

4.00

Time-->





#17

Carbon Disulfide

Concen: 3.695 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY001068.D

Acq: 26 Dec 2019 13:46

Instrument :

MSVOA_Y

ClientSampleId :

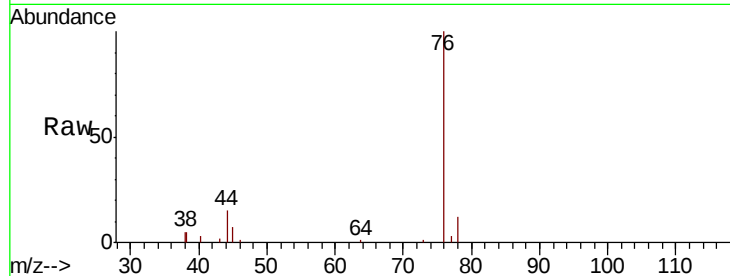
SB-4-(5-6)

Tot Ion: 76 Resp: 12389

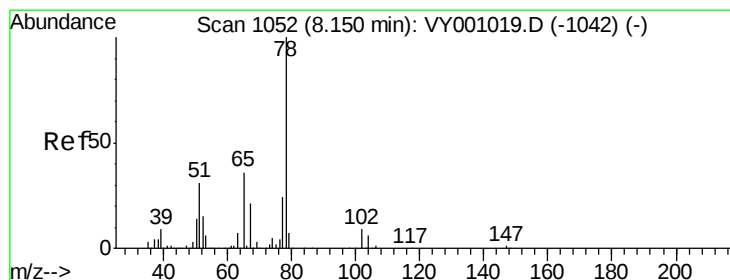
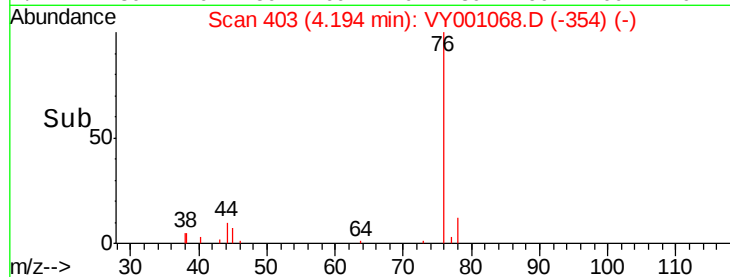
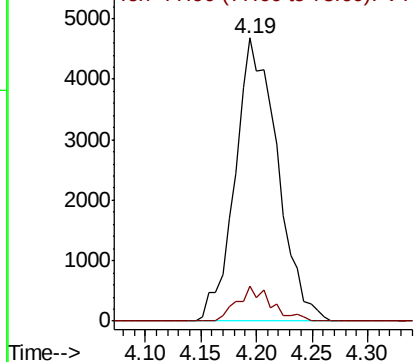
Ion Ratio Lower Upper

76 100

78 12.3 6.7 10.1#



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 48.312 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001068.D

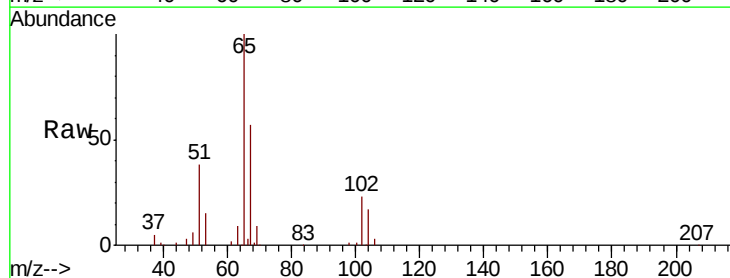
Acq: 26 Dec 2019 13:46

Tgt Ion: 65 Resp: 43517

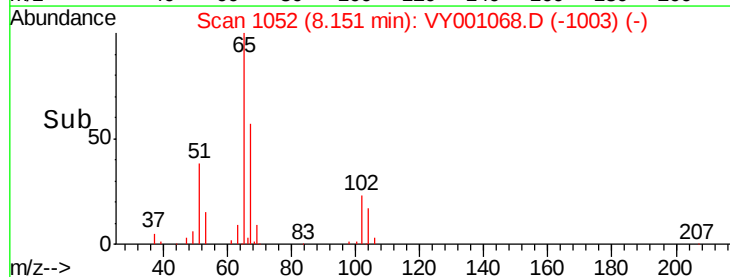
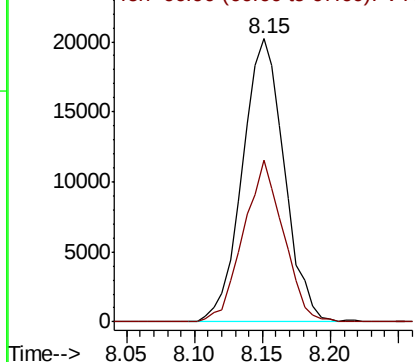
Ion Ratio Lower Upper

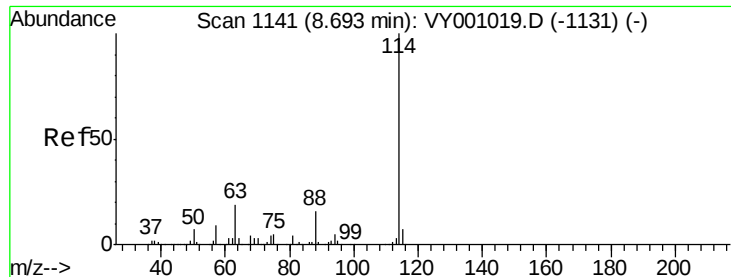
65 100

67 54.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

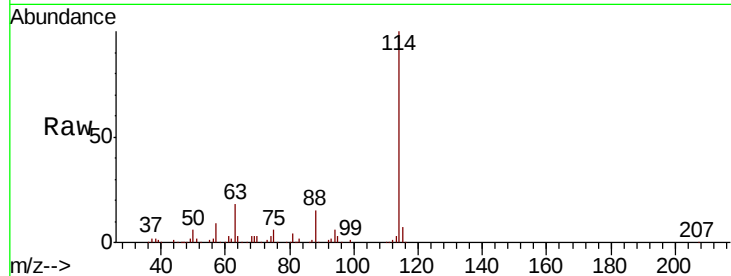




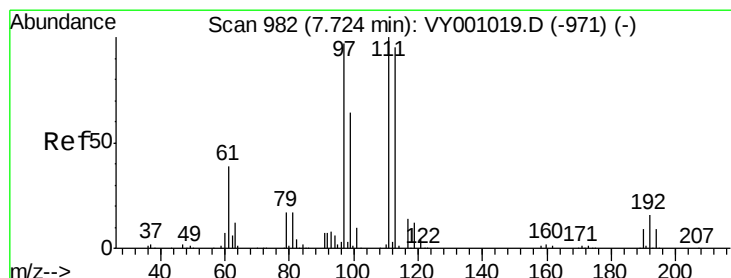
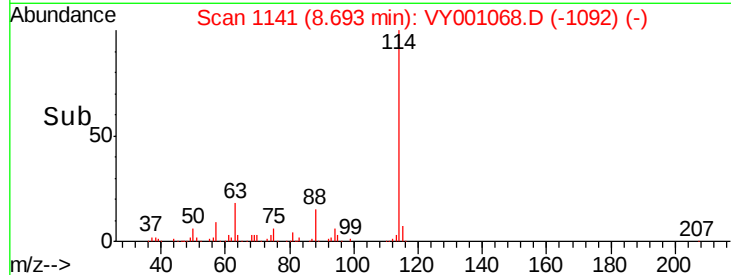
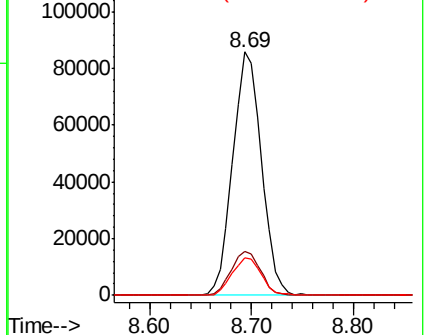
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001068.D
 Acq: 26 Dec 2019 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(5-6)

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	37.0
88	15.2	0.0	32.0

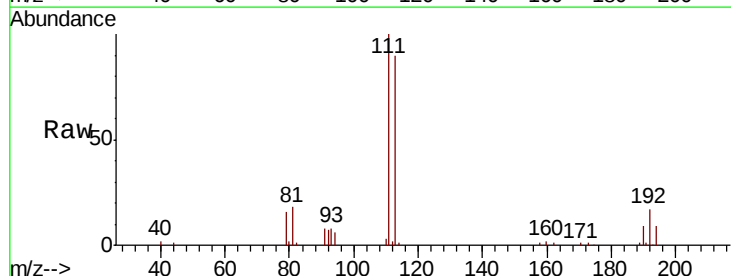


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

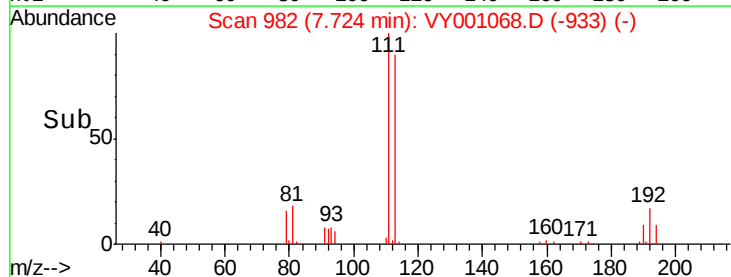
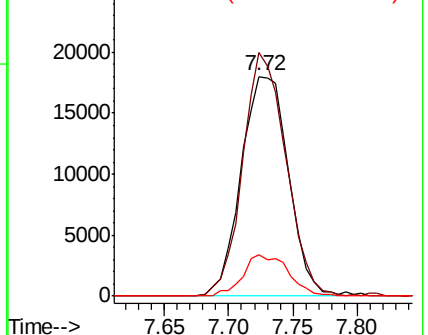


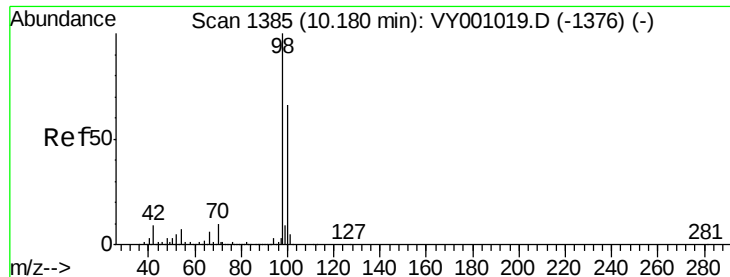
#35
 Dibromofluoromethane
 Concen: 46.553 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001068.D
 Acq: 26 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.4
192	18.2	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: 50.037 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001068.D

Acq: 26 Dec 2019 13:46

Instrument :

MSVOA_Y

ClientSampleId :

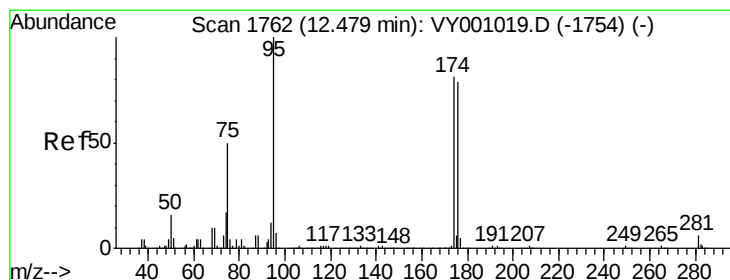
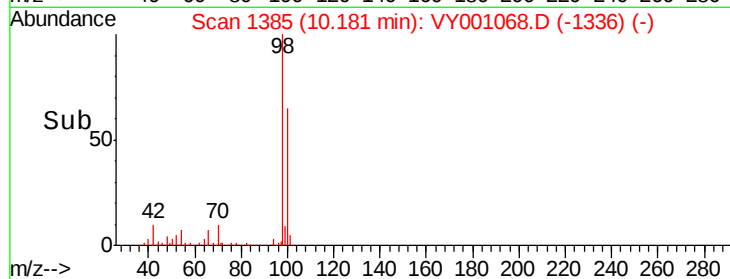
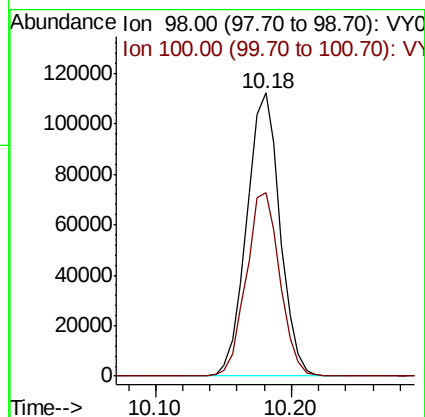
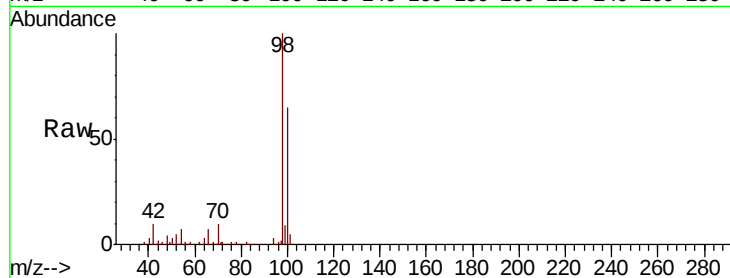
SB-4-(5-6)

Tot Ion: 98 Resp: 192412

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 38.735 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001068.D

Acq: 26 Dec 2019 13:46

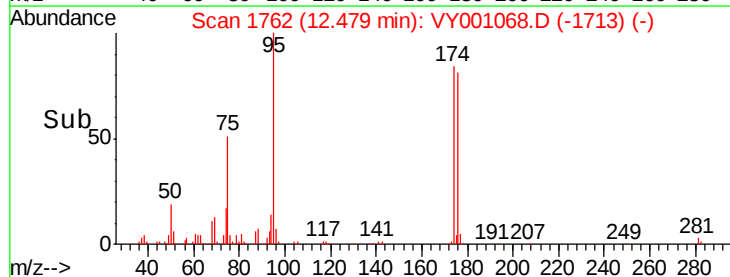
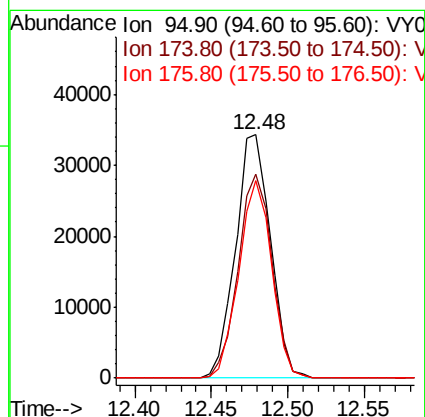
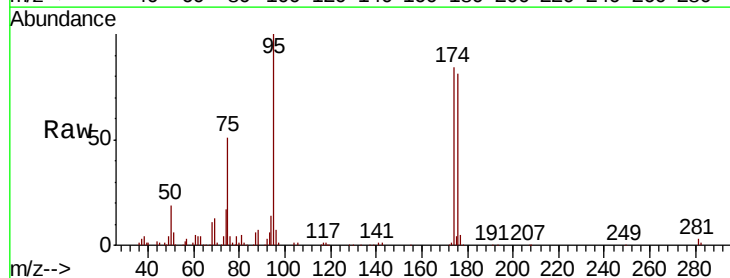
Tgt Ion: 95 Resp: 54460

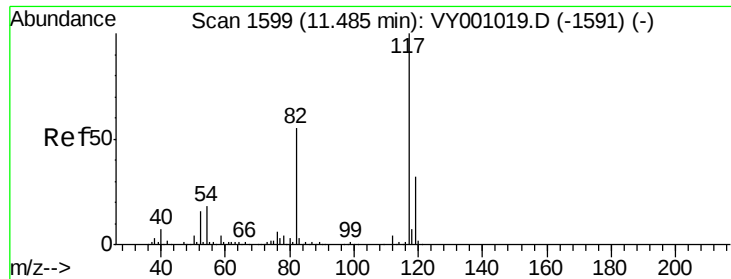
Ion Ratio Lower Upper

95 100

174 81.5 0.0 156.4

176 76.4 0.0 155.0

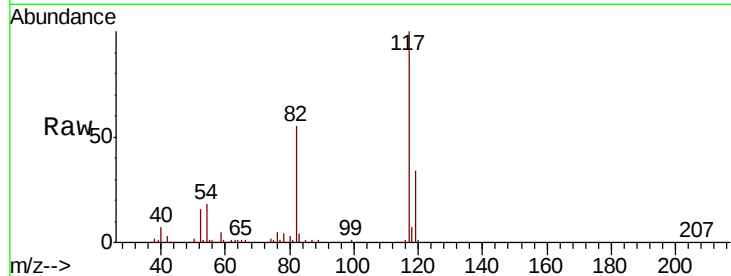




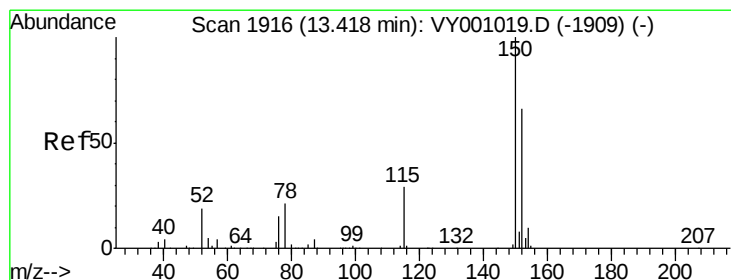
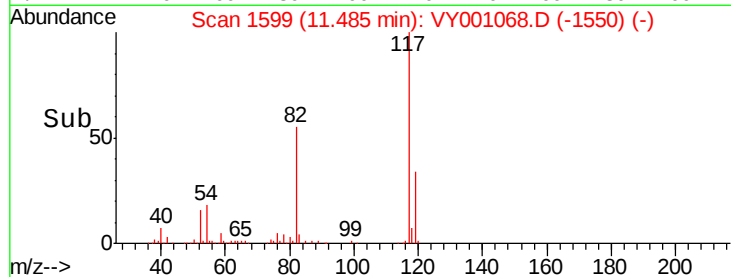
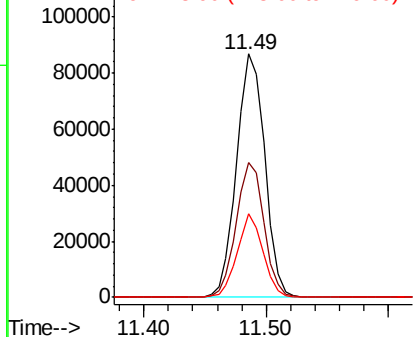
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001068.D
Acq: 26 Dec 2019 13:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(5-6)

Tot Ion:117 Resp: 138119
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 34.5 25.8 38.6

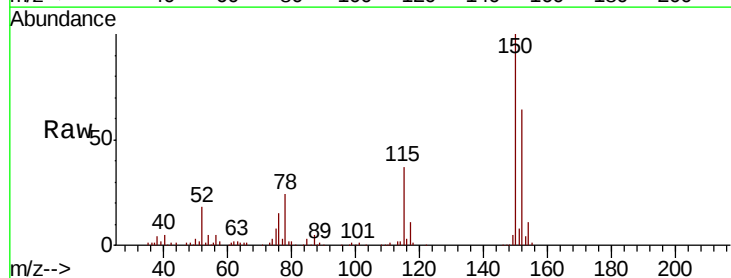


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001068.D
Acq: 26 Dec 2019 13:46

Tgt Ion:152 Resp: 56205
Ion Ratio Lower Upper
152 100
115 58.7 29.8 89.3
150 158.5 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

