

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001834.D
 Acq On : 03 Mar 2020 14:58
 Operator : SY/MD
 Sample : L1762-07
 Misc : 6.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-030220

Quant Time: Mar 04 04:14:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

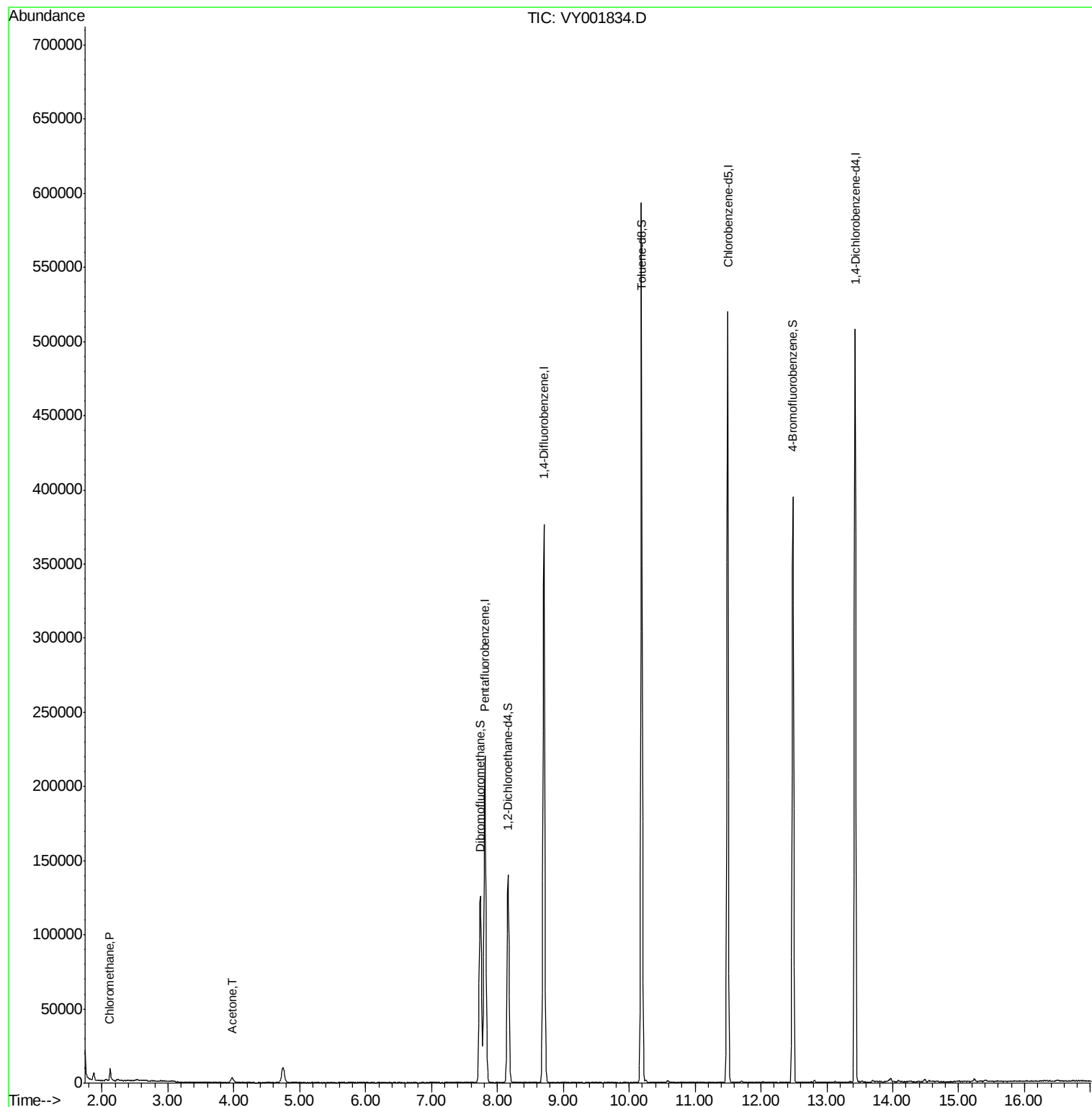
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	163385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	310865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	281598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	122938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101126	57.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.08%	
35) Dibromofluoromethane	7.74	113	90257	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.19	98	377422	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
62) 4-Bromofluorobenzene	12.49	95	129188	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
Target Compounds						
3) Chloromethane	2.12	50	7629	3.561	ug/l	95
16) Acetone	3.97	43	6530	10.738	ug/l	91

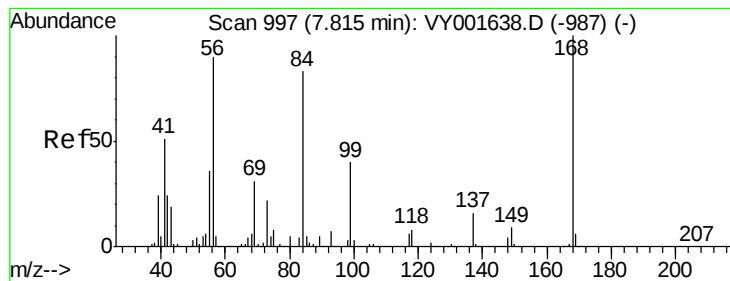
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001834.D

Acq: 03 Mar 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

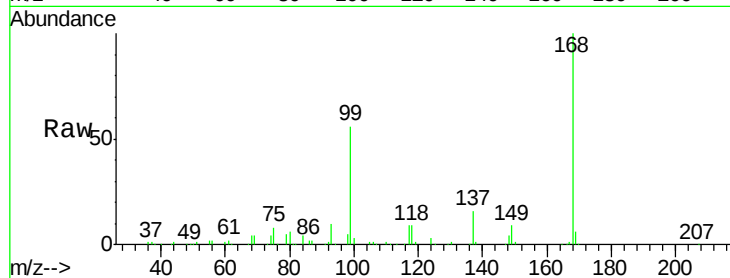
TR-06-030220

Tot Ion:168 Resp: 163385

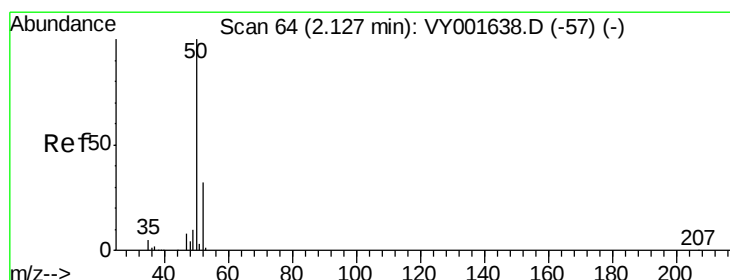
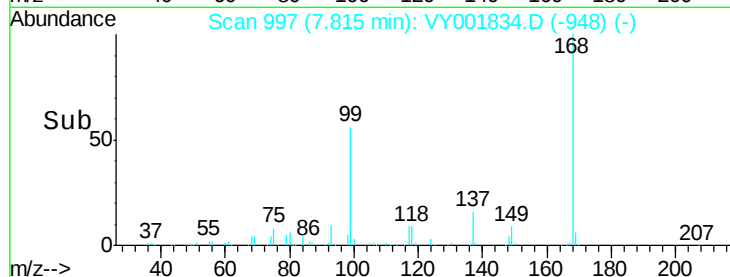
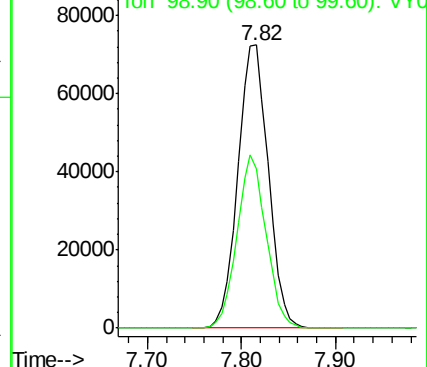
Ion Ratio Lower Upper

168 100

99 56.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001834.D (-987) (-)



#3

Chloromethane

Concen: 3.561 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001834.D

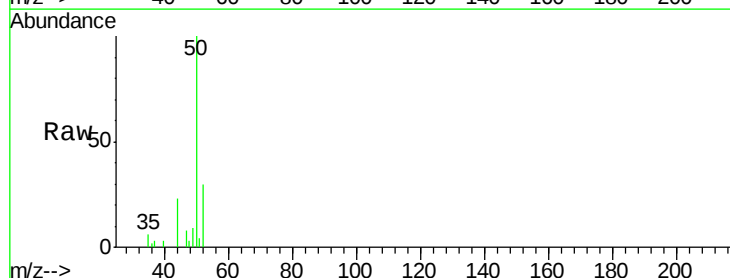
Acq: 03 Mar 2020 14:58

Tgt Ion: 50 Resp: 7629

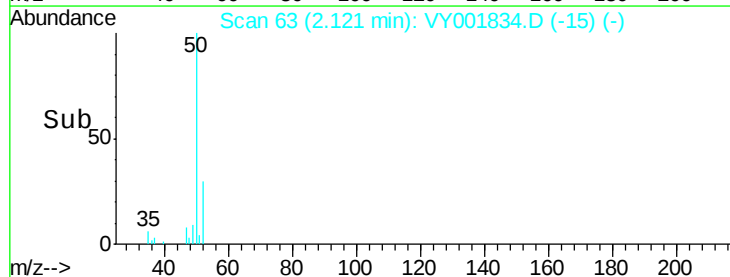
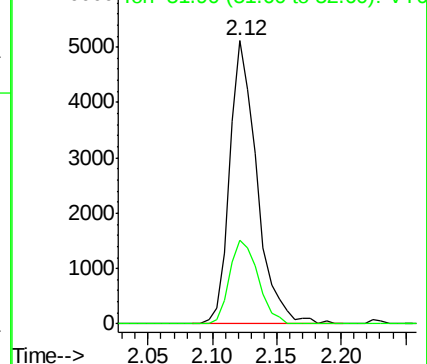
Ion Ratio Lower Upper

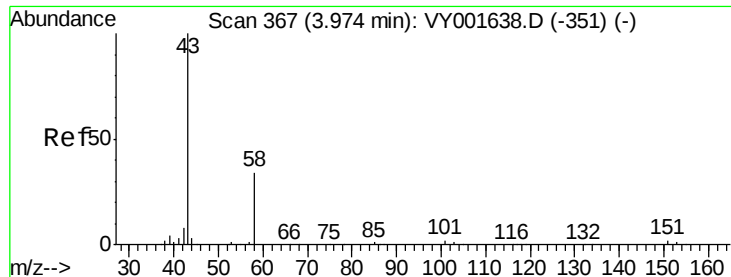
50 100

52 29.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001834.D (-15) (-)





#16

Acetone

Concen: 10.738 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001834.D

Acq: 03 Mar 2020 14:58

Instrument :

MSVOA_Y

ClientSampled :

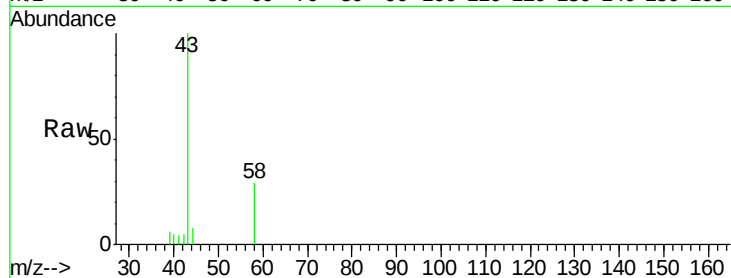
TR-06-030220

Tot Ion: 43 Resp: 6530

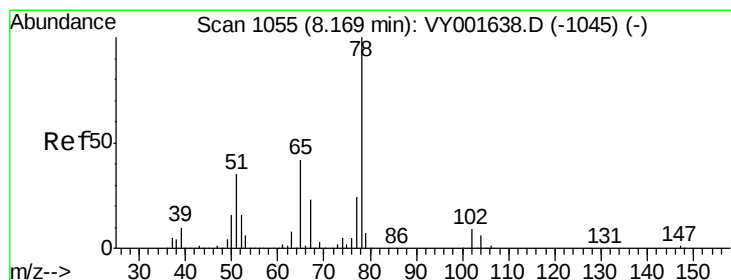
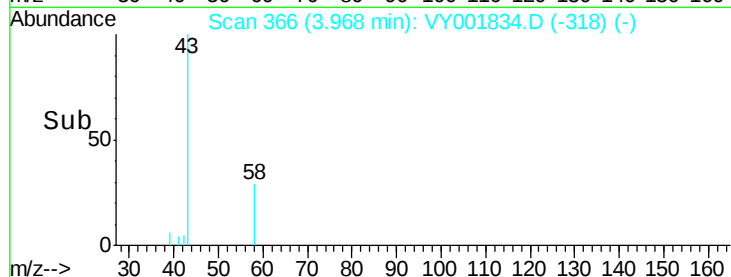
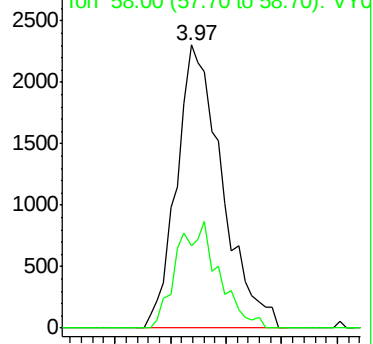
Ion Ratio Lower Upper

43 100

58 29.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001834.D (-318) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.542 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001834.D

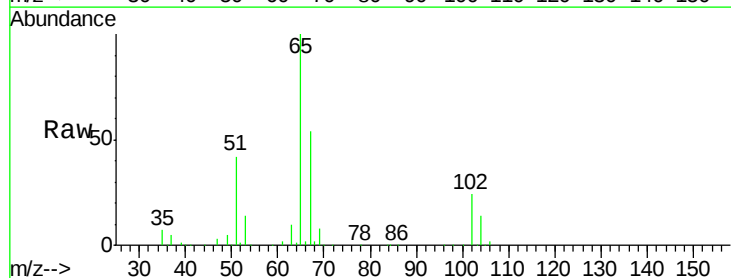
Acq: 03 Mar 2020 14:58

Tgt Ion: 65 Resp: 101126

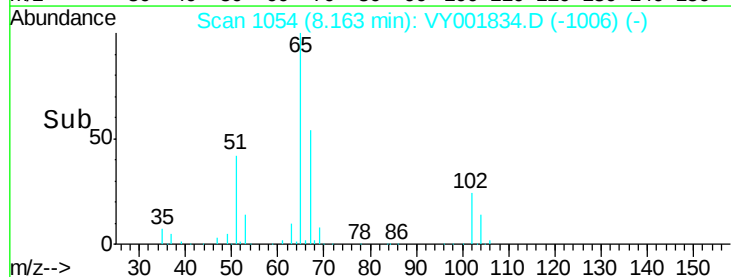
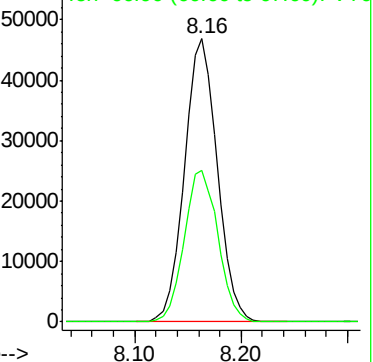
Ion Ratio Lower Upper

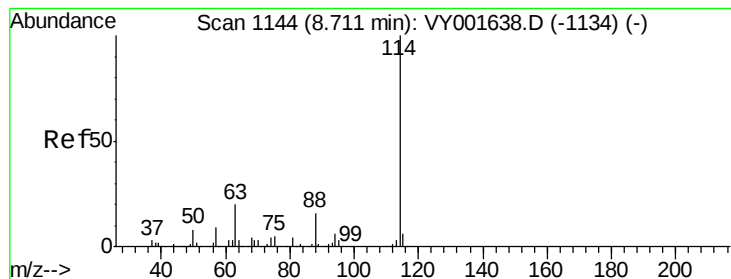
65 100

67 55.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001834.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001834.D

Acq: 03 Mar 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-030220

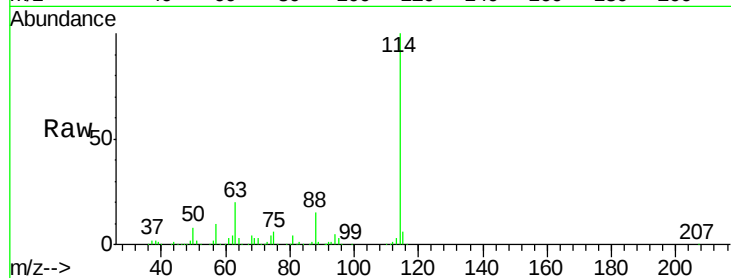
Tot Ion:114 Resp: 310865

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

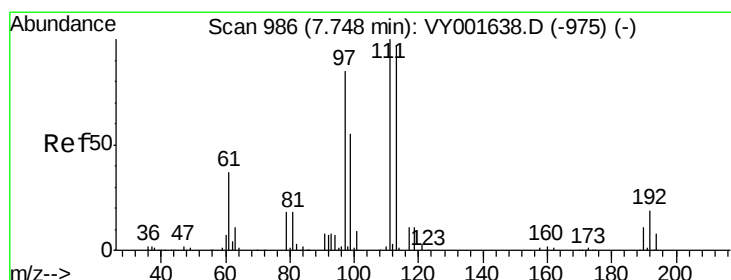
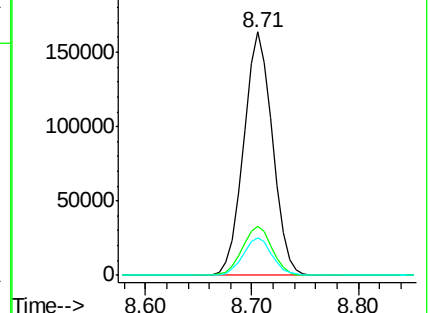
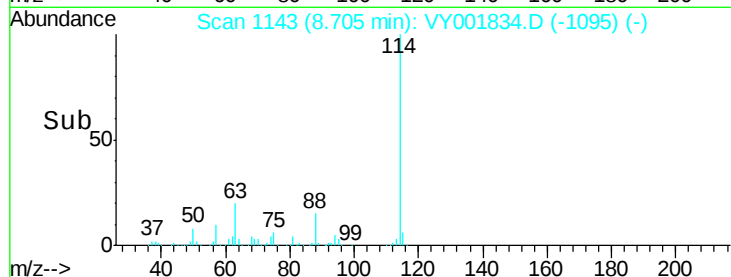
88 15.2 0.0 32.8



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: 50.692 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001834.D

Acq: 03 Mar 2020 14:58

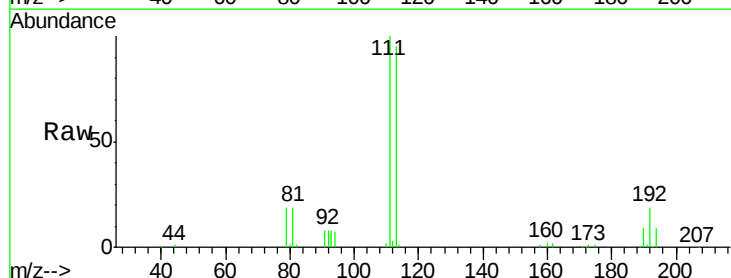
Tgt Ion:113 Resp: 90257

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

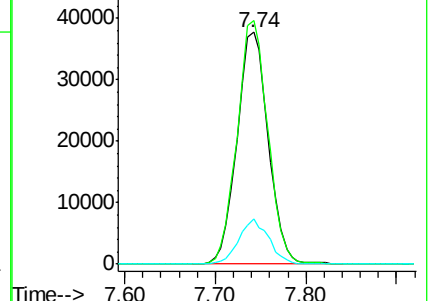
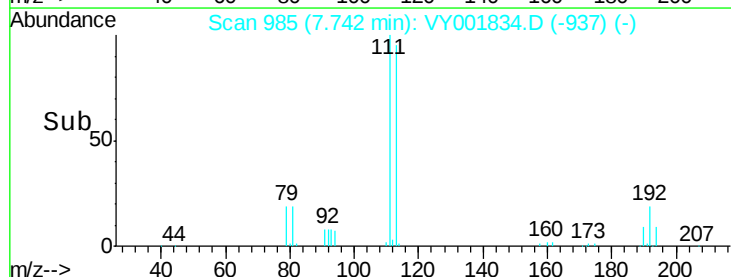
192 18.3 14.3 21.5

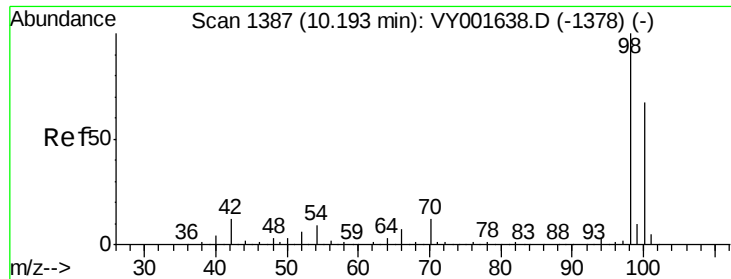


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.107 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001834.D

Acq: 03 Mar 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

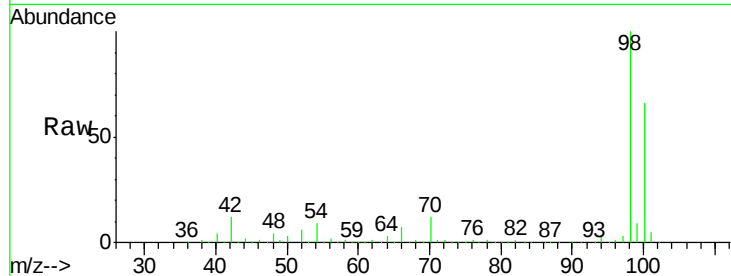
TR-06-030220

Tot Ion: 98 Resp: 377422

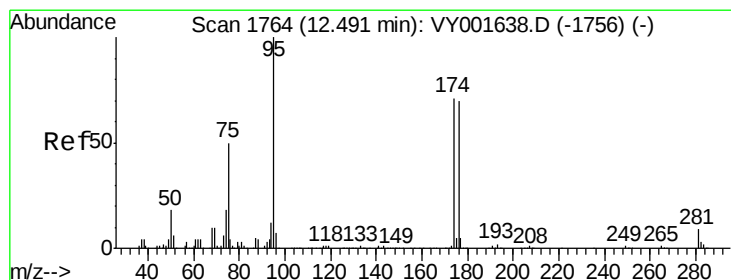
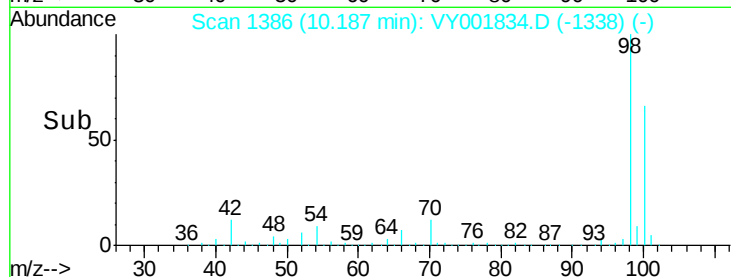
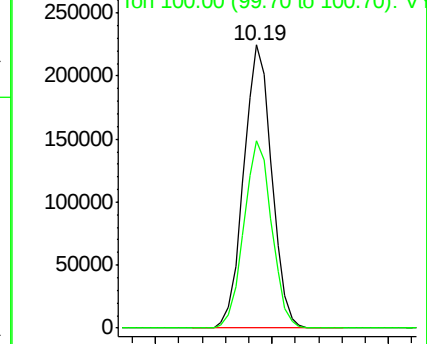
Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 47.673 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001834.D

Acq: 03 Mar 2020 14:58

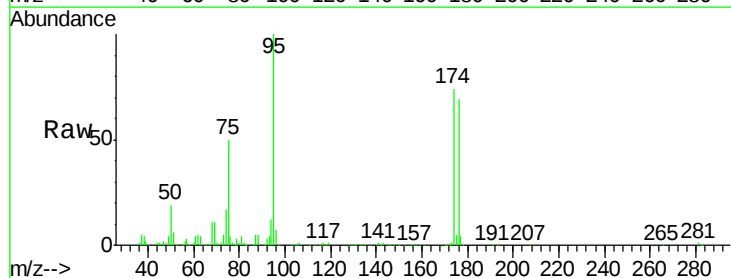
Tgt Ion: 95 Resp: 129188

Ion Ratio Lower Upper

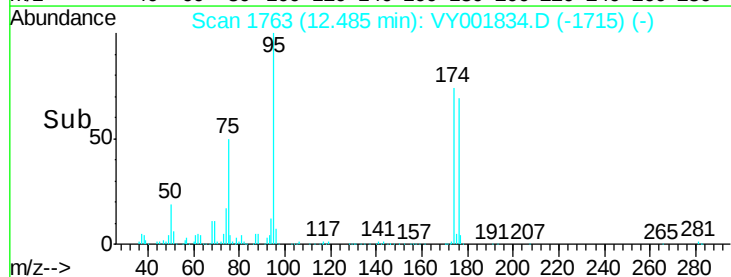
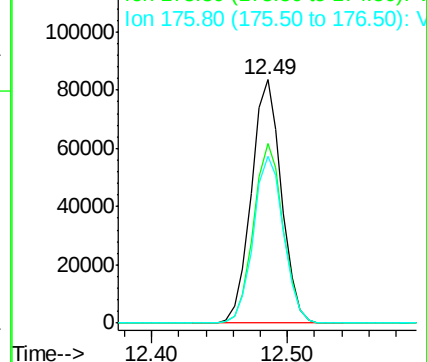
95 100

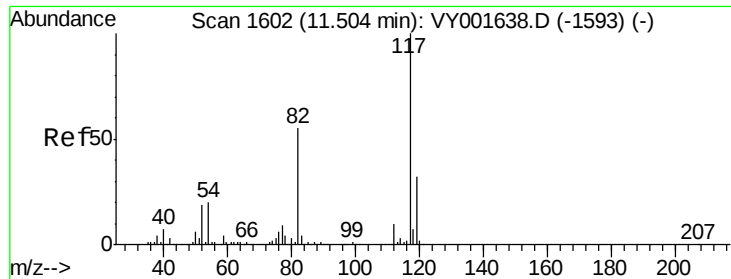
174 73.0 0.0 138.4

176 69.1 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

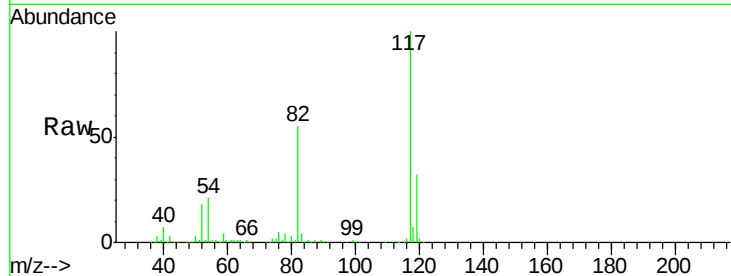




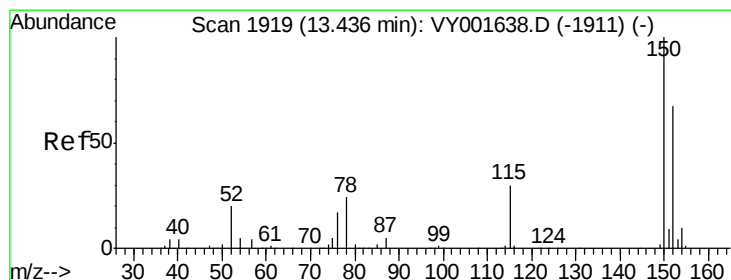
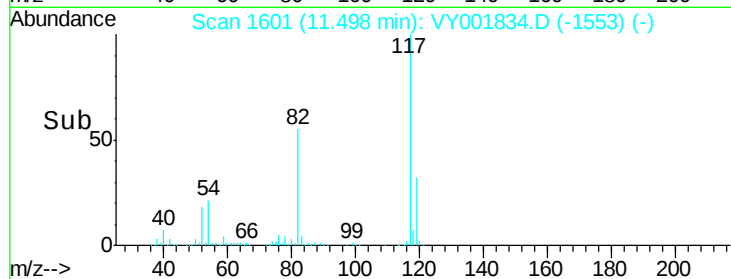
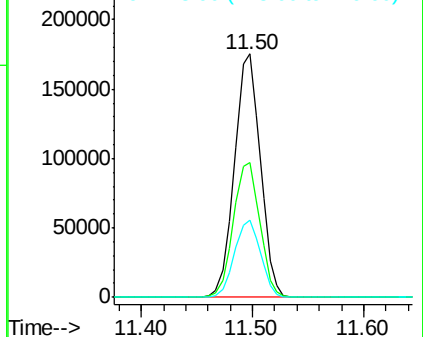
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-030220

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.5	68.3
119	31.7	25.8	38.6

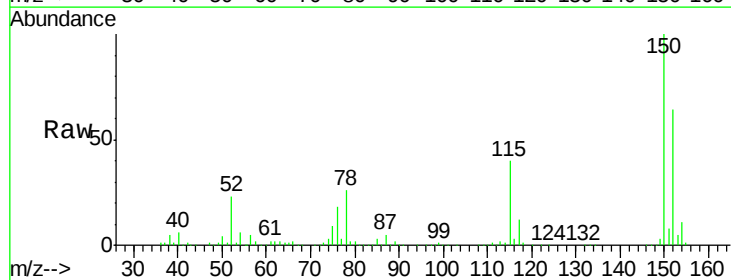


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.4	94.2
150	157.1	0.0	407.2



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

