

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001458.D
 Acq On : 31 Jan 2020 16:15
 Operator : SY/MD
 Sample : L1351-02
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-2

Quant Time: Jan 31 18:13:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

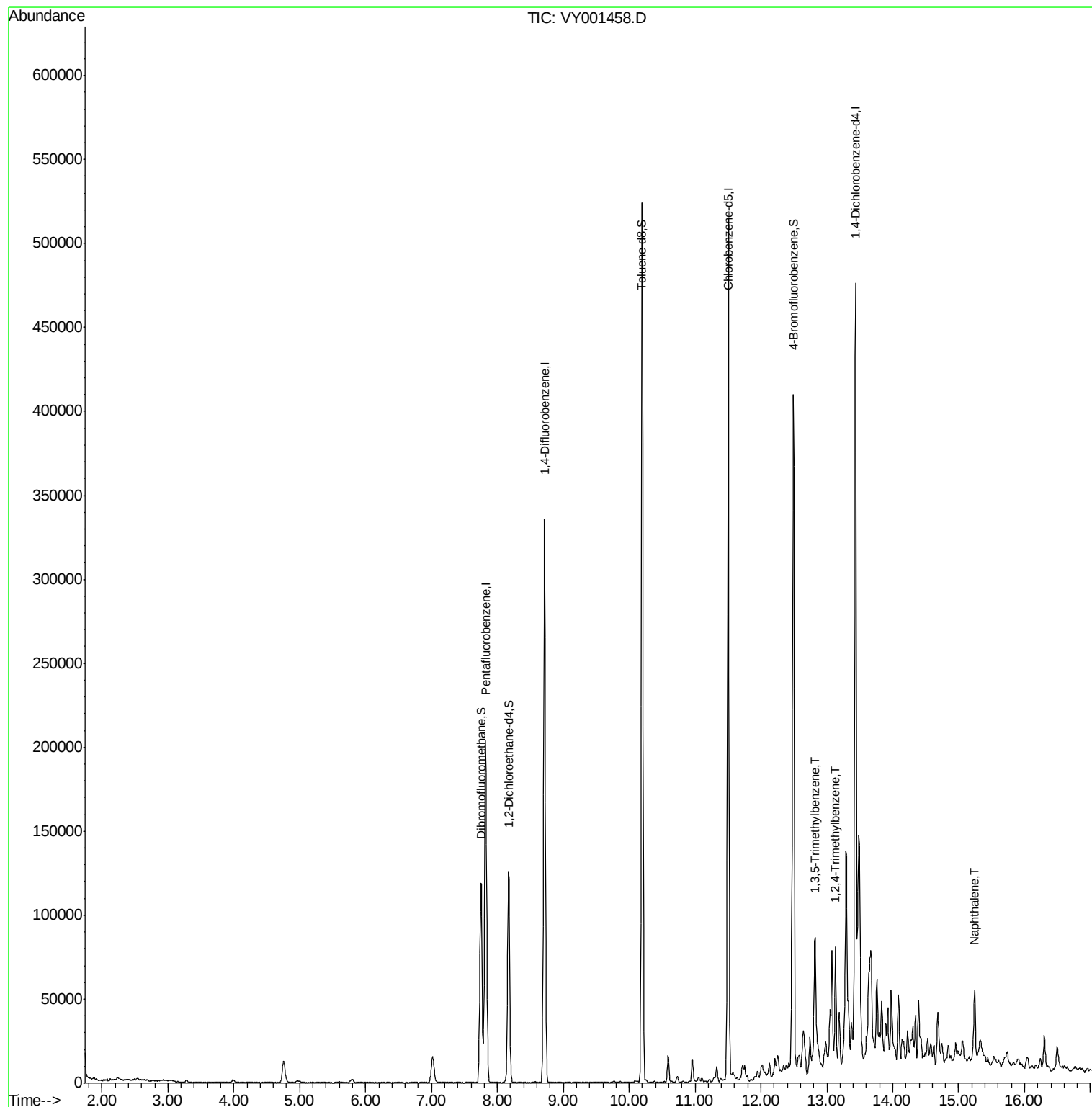
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	292911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	264217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	111338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	94395	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	7.75	113	85911	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.19	98	348482	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.49	95	122251	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.83	105	19811	2.701	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	35935	4.881	ug/l	100
95) Naphthalene	15.25	128	33282	6.275	ug/l	96

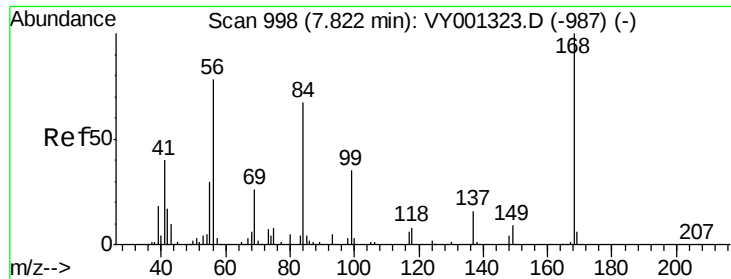
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
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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: VY001458.D

Acq: 31 Jan 2020 16:15

Instrument :

MSVOA_Y

ClientSampled :

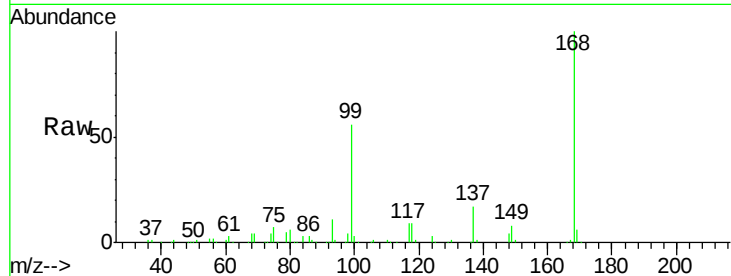
TAL-2

Tot Ion:168 Resp: 158220

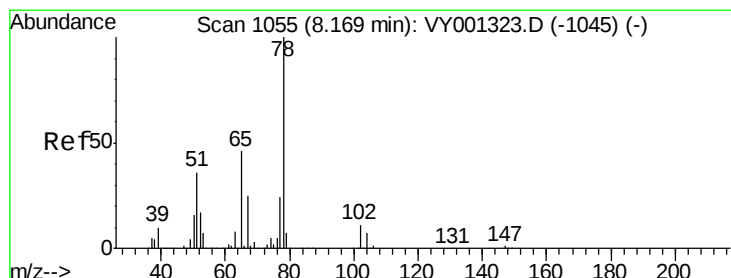
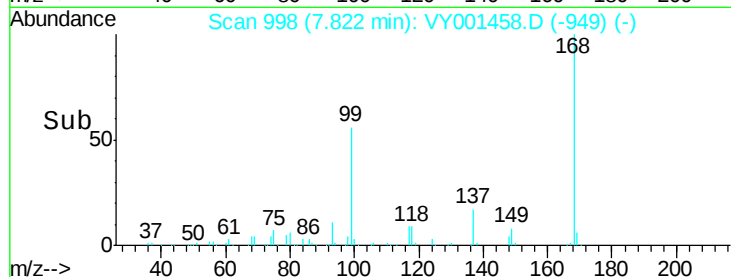
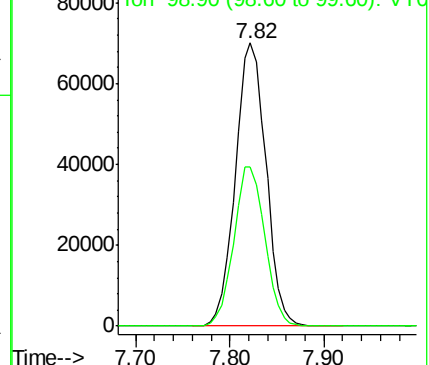
Ion Ratio Lower Upper

168 100

99 56.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001458.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.828 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001458.D

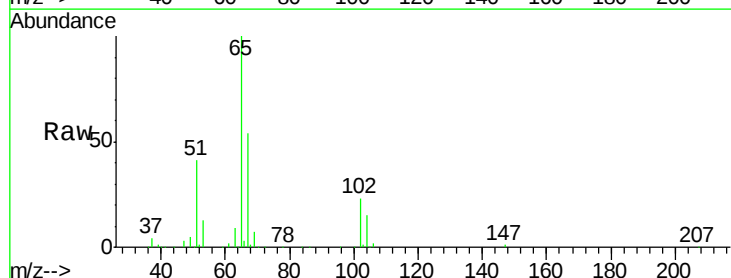
Acq: 31 Jan 2020 16:15

Tgt Ion: 65 Resp: 94395

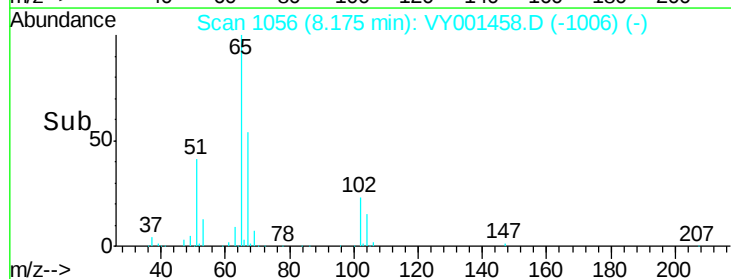
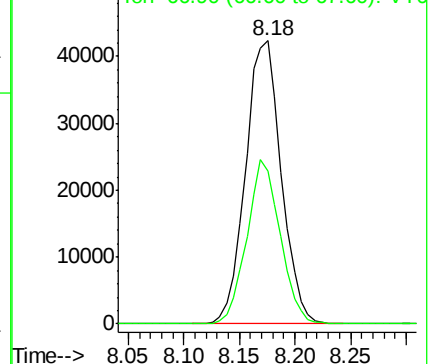
Ion Ratio Lower Upper

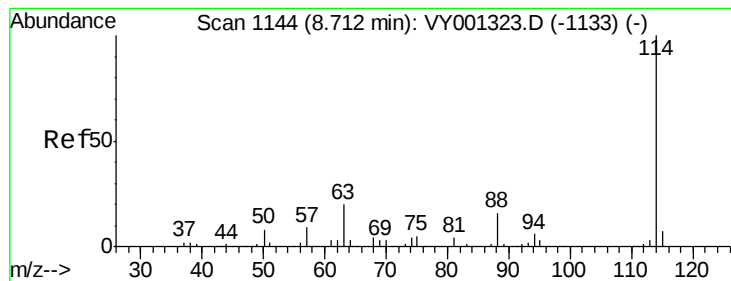
65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001458.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

Instrument :

MSVOA_Y

ClientSampleId :

TAL-2

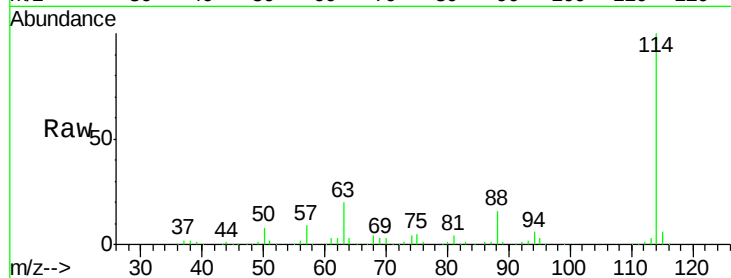
Tot Ion:114 Resp: 292911

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

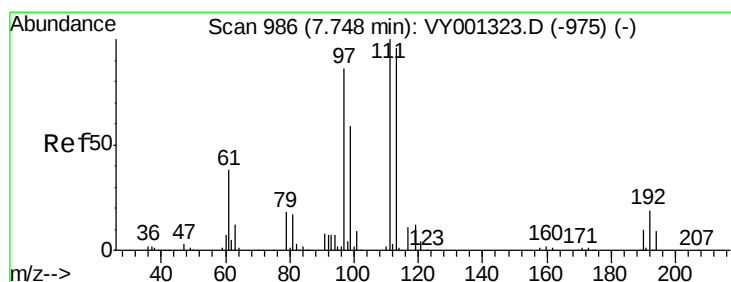
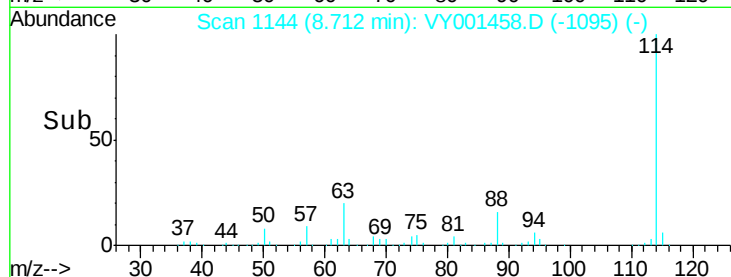
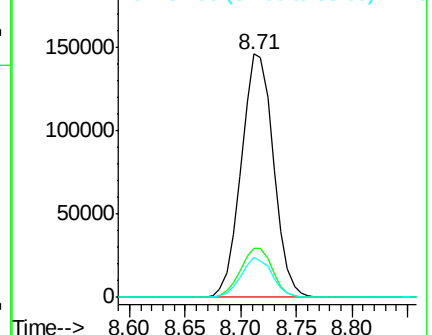
88 16.4 0.0 31.0



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: 49.973 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

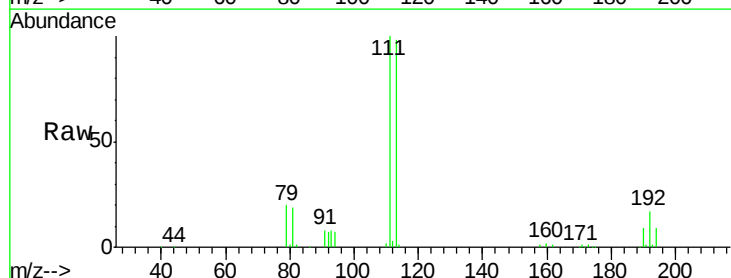
Tgt Ion:113 Resp: 85911

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

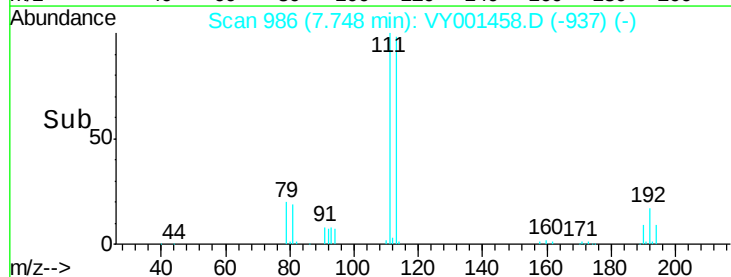
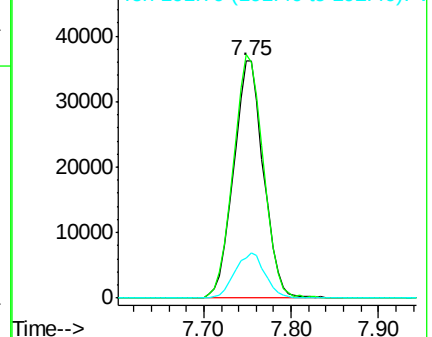
192 19.3 15.5 23.3

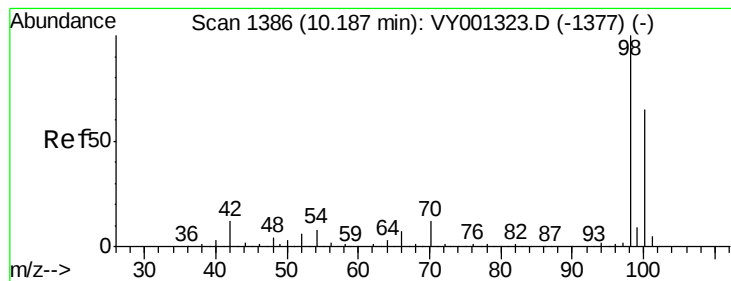


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.174 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

Instrument :

MSVOA_Y

ClientSampled :

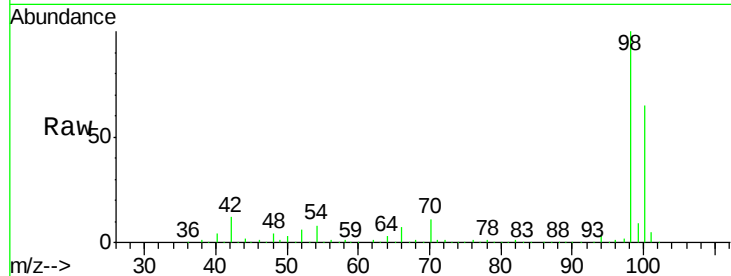
TAL-2

Tot Ion: 98 Resp: 348482

Ion Ratio Lower Upper

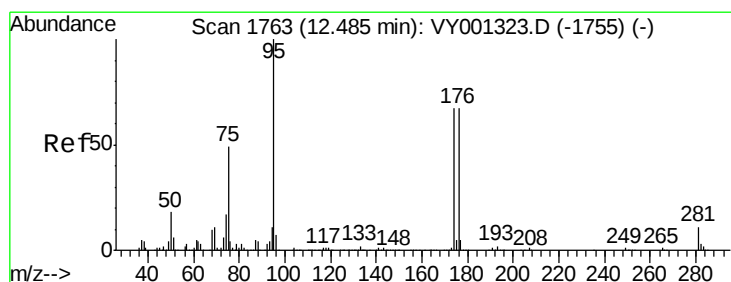
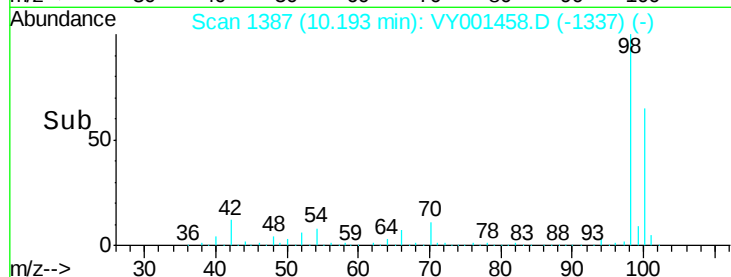
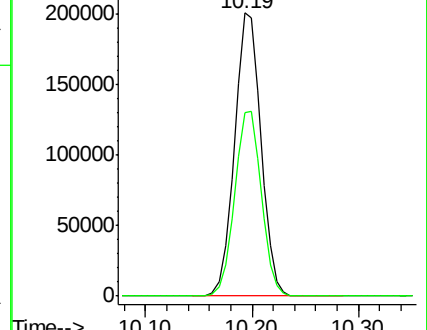
98 100

100 65.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 45.961 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

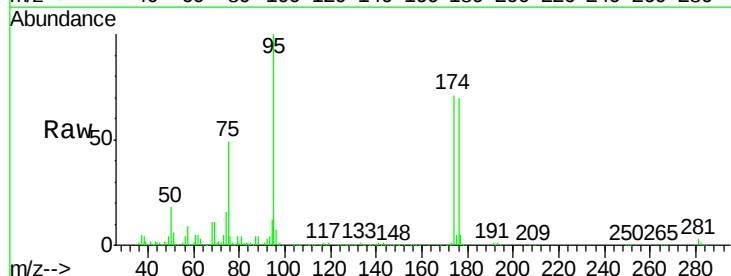
Tgt Ion: 95 Resp: 122251

Ion Ratio Lower Upper

95 100

174 74.4 0.0 142.0

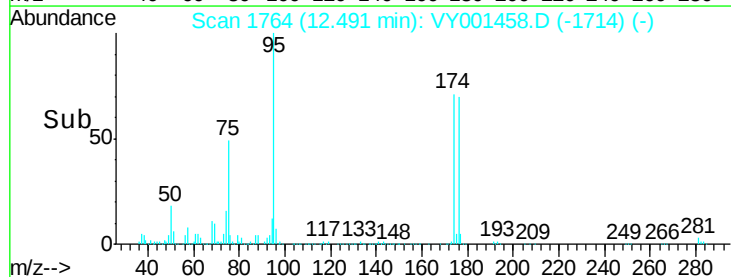
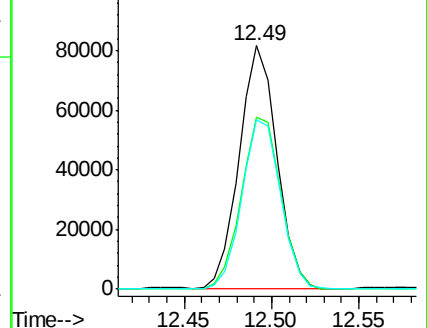
176 71.6 0.0 138.6

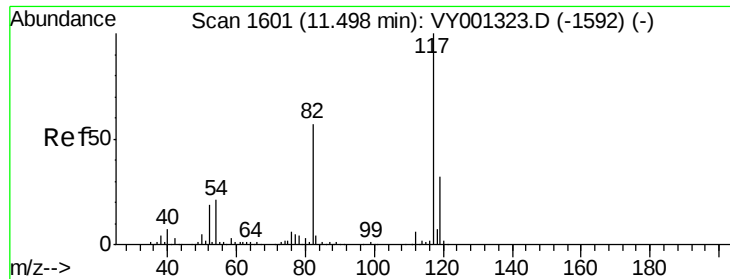


Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

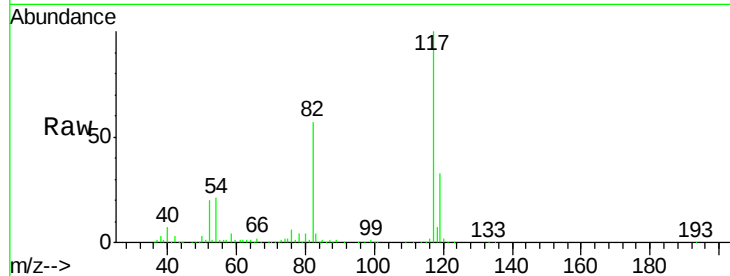




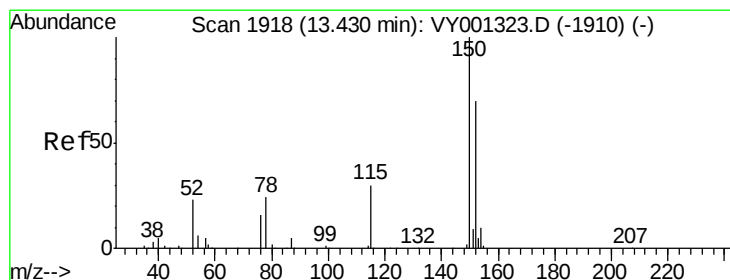
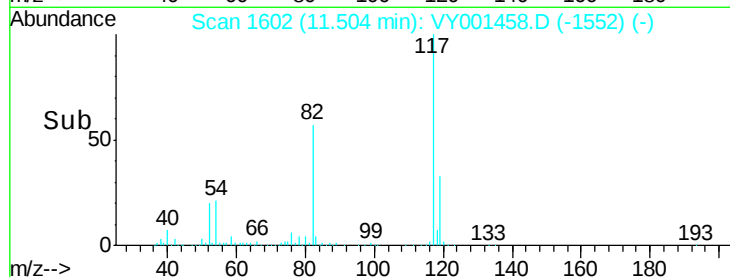
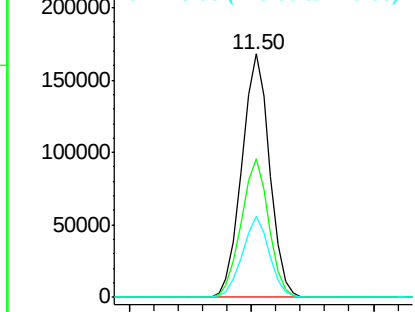
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001458.D
Acq: 31 Jan 2020 16:15

Instrument :
MSVOA_Y
ClientSampleId :
TAL-2

Tot Ion:117 Resp: 264217
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 33.1 25.8 38.6

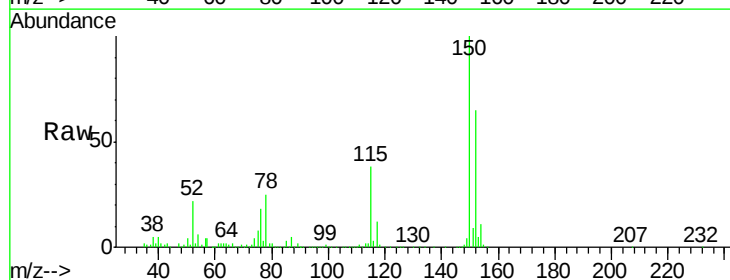


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

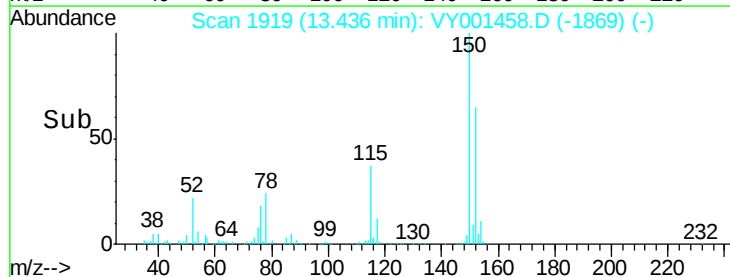
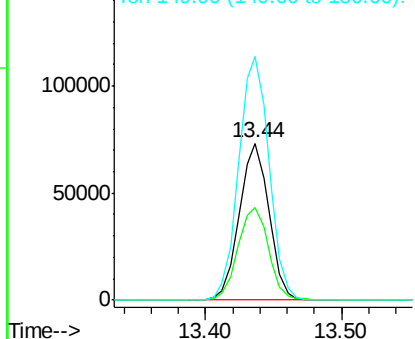


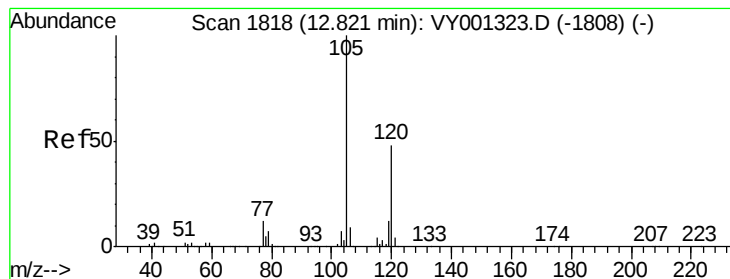
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001458.D
Acq: 31 Jan 2020 16:15

Tgt Ion:152 Resp: 111338
Ion Ratio Lower Upper
152 100
115 60.9 30.9 92.8
150 158.6 0.0 349.2



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





#80

1,3,5-Trimethylbenzene

Concen: 2.701 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

Instrument :

MSVOA_Y

ClientSampled :

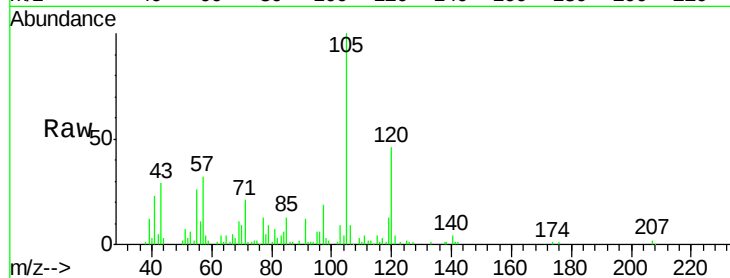
TAL-2

Tot Ion:105 Resp: 19811

Ion Ratio Lower Upper

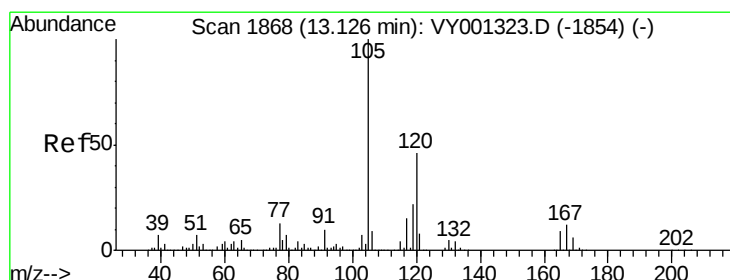
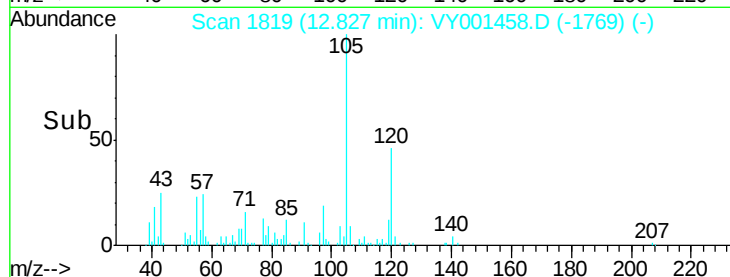
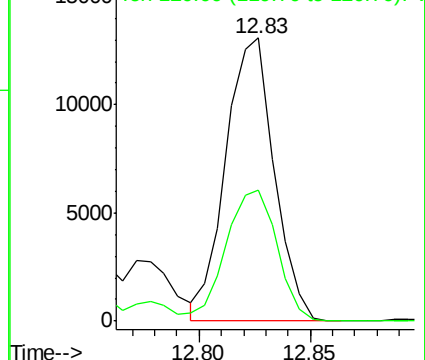
105 100

120 49.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.881 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001458.D

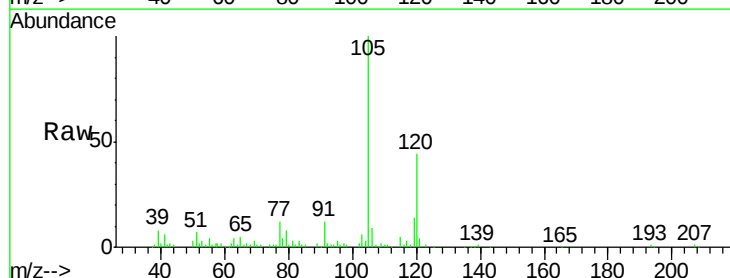
Acq: 31 Jan 2020 16:15

Tgt Ion:105 Resp: 35935

Ion Ratio Lower Upper

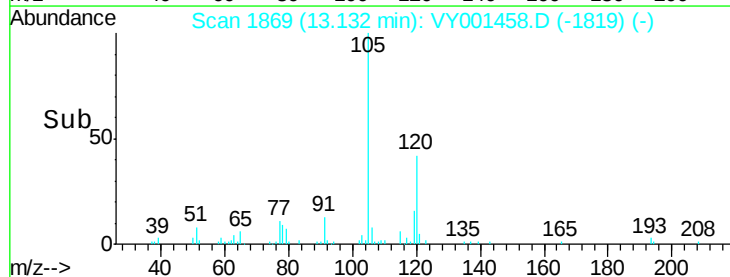
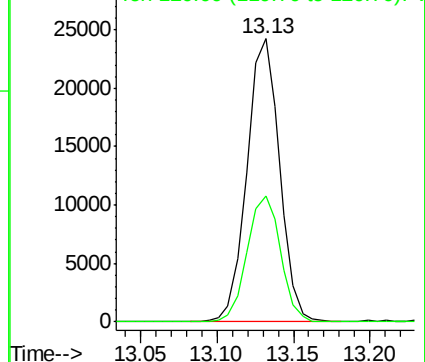
105 100

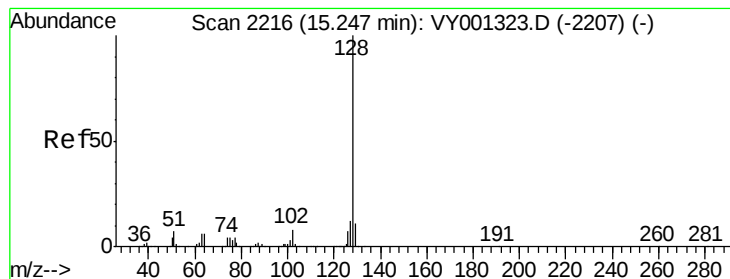
120 45.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 6.275 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

Instrument :

MSVOA_Y

ClientSampleId :

TAL-2

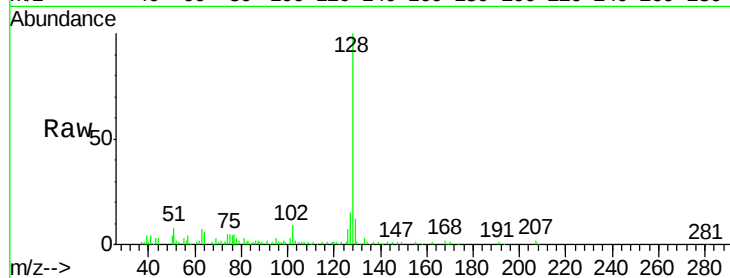
Tot Ion:128 Resp: 33282

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.2

129 12.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

