

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001457.D
 Acq On : 31 Jan 2020 15:53
 Operator : SY/MD
 Sample : L1351-01
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-1

Quant Time: Jan 31 16:15:12 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

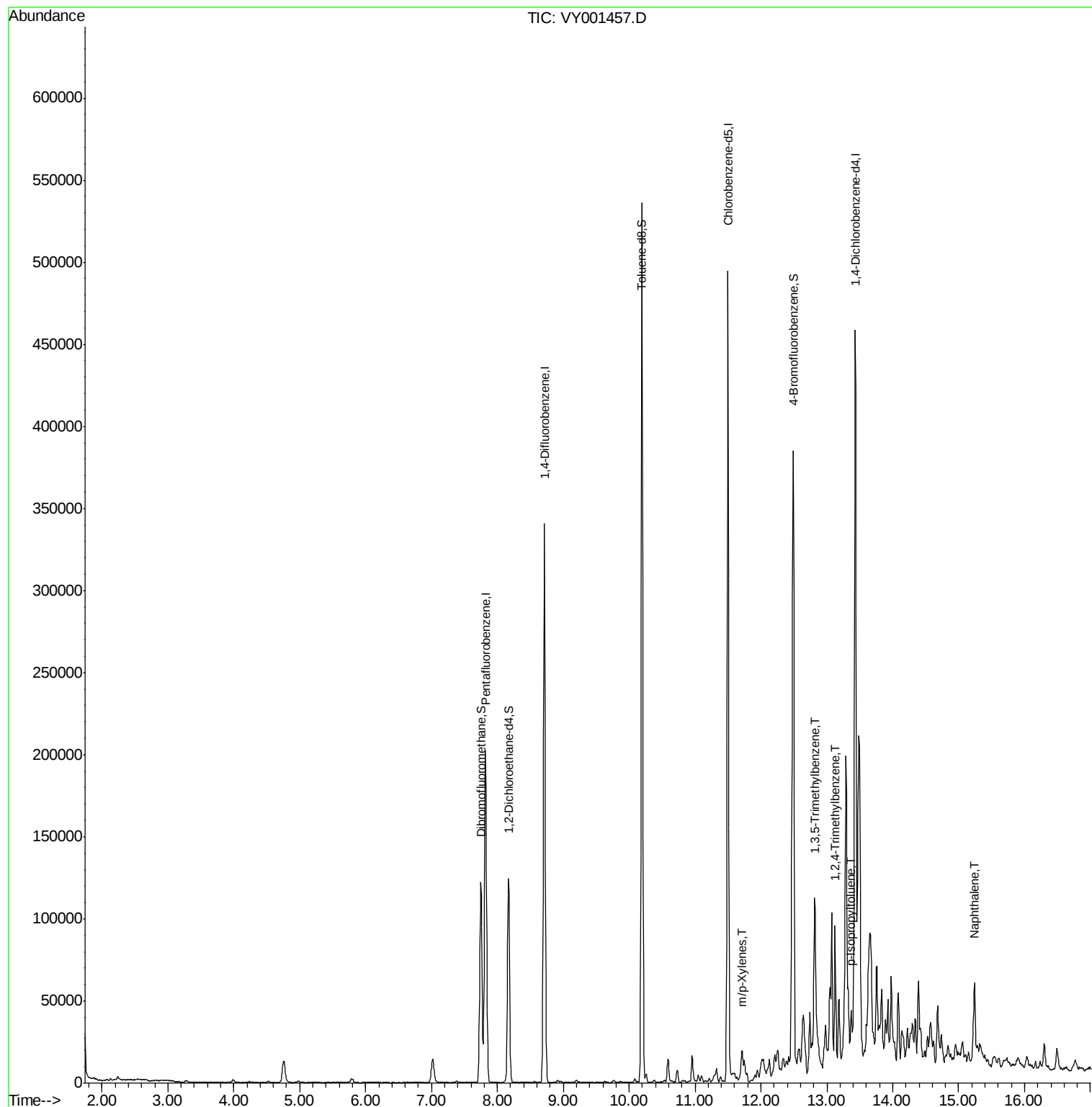
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	157238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	260054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	106947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	92751	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
35) Dibromofluoromethane	7.75	113	85511	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	10.19	98	342120	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.49	95	118458	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
68) m/p-Xylenes	11.71	106	3889	1.031	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	25703	3.649	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	43718	6.182	ug/l	98
86) p-Isopropyltoluene	13.38	119	8752	1.177	ug/l	99
95) Naphthalene	15.24	128	33757	6.626	ug/l	97

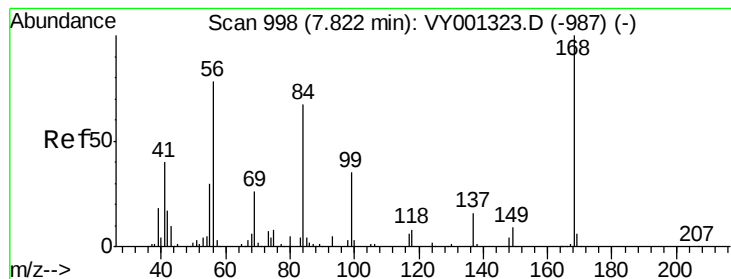
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001457.D
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Misc : 4.99G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TAL-1

Quant Time: Jan 31 16:15:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001457.D

Acq: 31 Jan 2020 15:53

Instrument :

MSVOA_Y

ClientSampled :

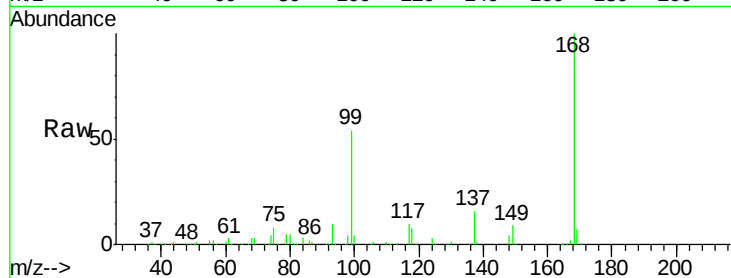
TAL-1

Tot Ion:168 Resp: 157238

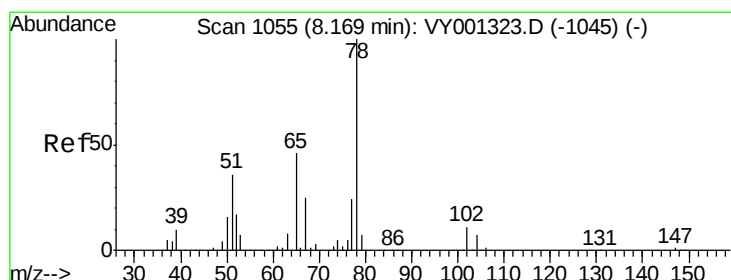
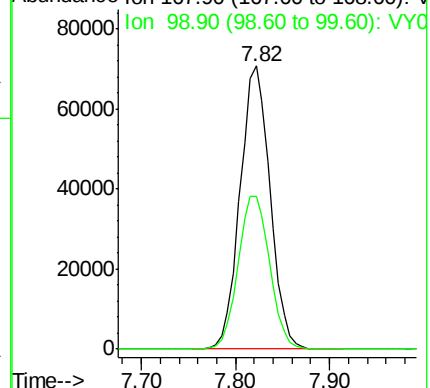
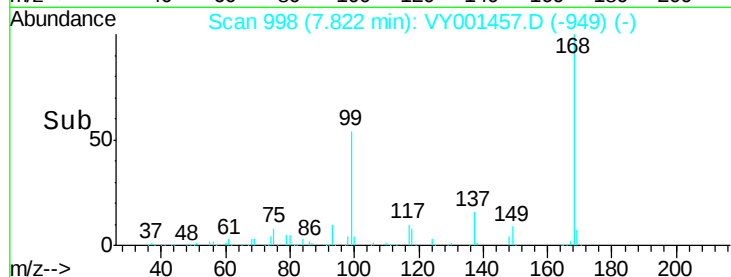
Ion Ratio Lower Upper

168 100

99 54.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001457.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.210 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001457.D

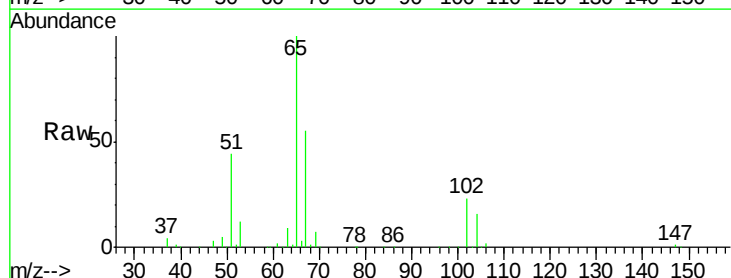
Acq: 31 Jan 2020 15:53

Tgt Ion: 65 Resp: 92751

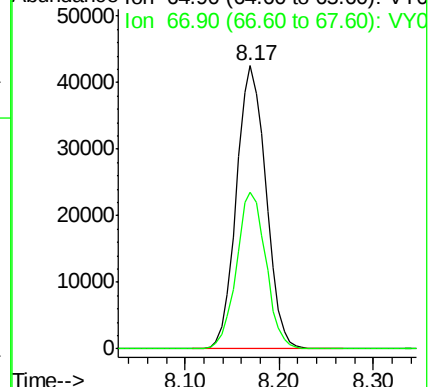
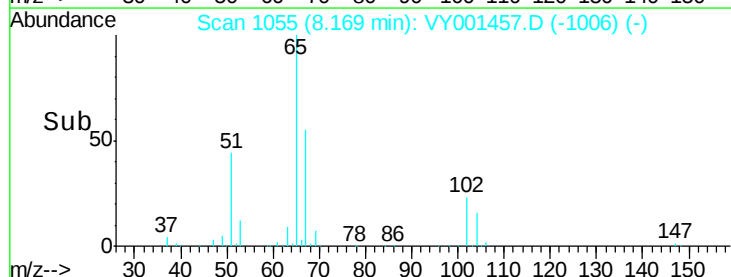
Ion Ratio Lower Upper

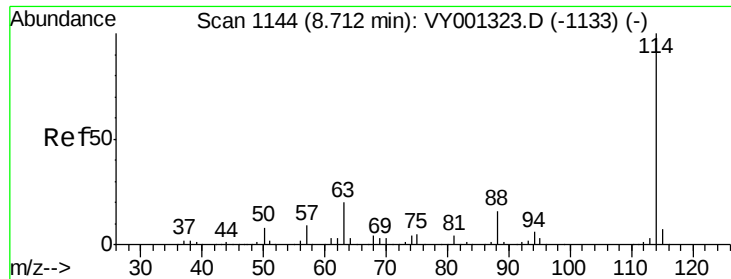
65 100

67 54.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001457.D (-1006) (-)

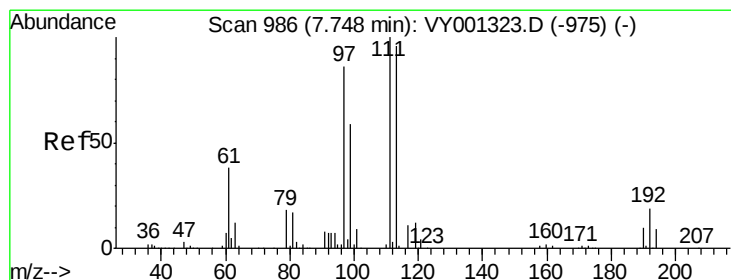
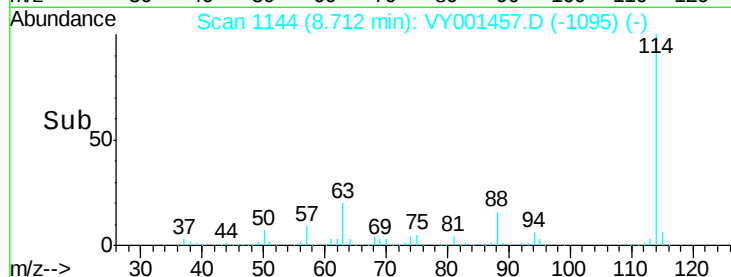
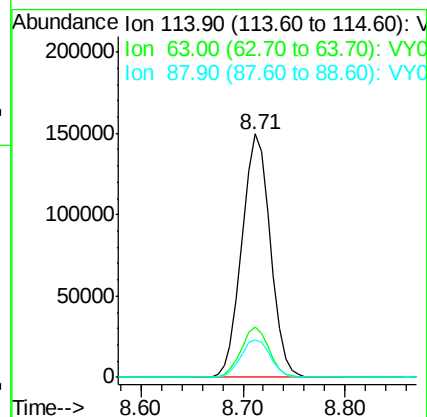
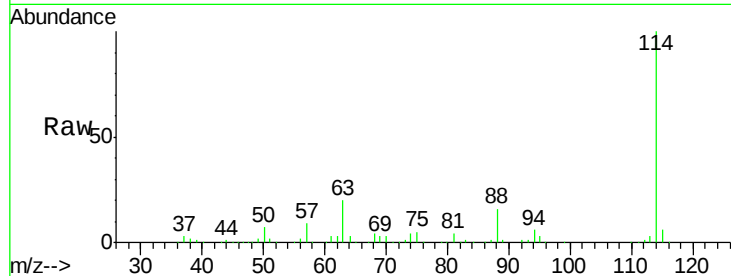




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VY001457.D
Acq: 31 Jan 2020 15:53

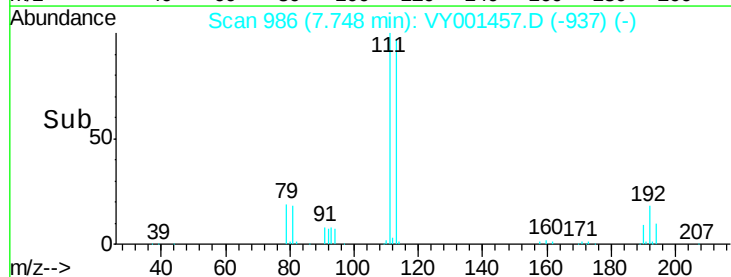
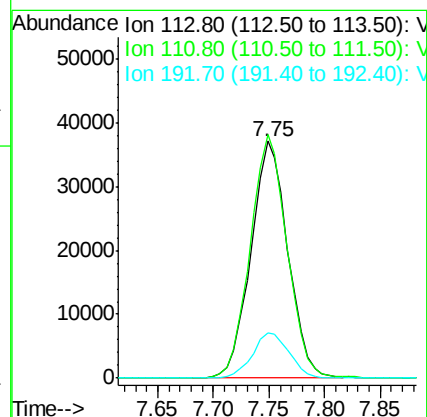
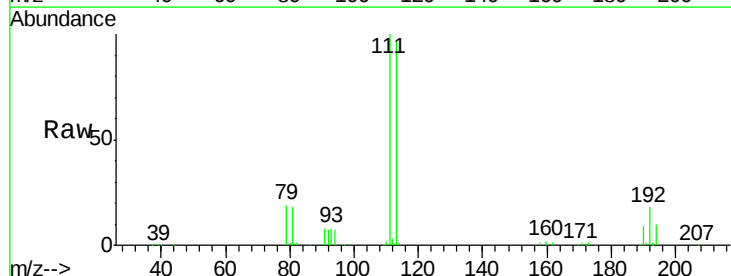
Instrument :
MSVOA_Y
ClientSampleId :
TAL-1

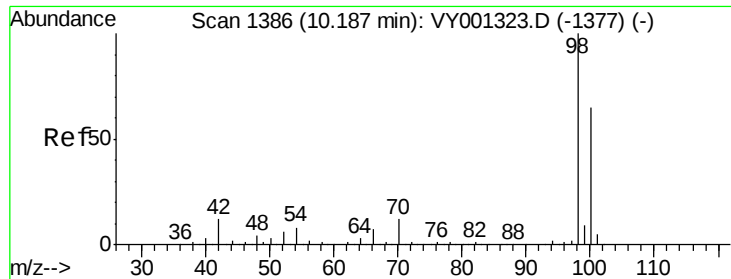
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.6	0.0	31.0



#35
Dibromofluoromethane
Concen: 50.402 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY001457.D
Acq: 31 Jan 2020 15:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	19.1	15.5	23.3





#50

Toluene-d8

Concen: 51.903 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001457.D

Acq: 31 Jan 2020 15:53

Instrument :

MSVOA_Y

ClientSampleId :

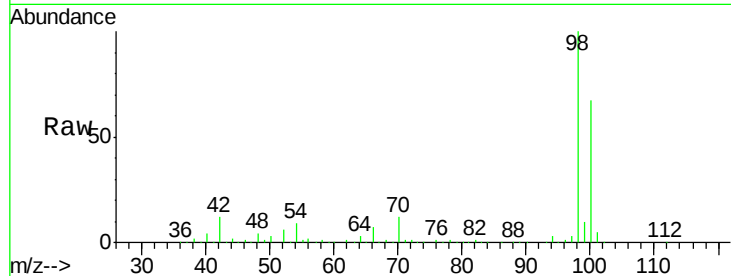
TAL-1

Tot Ion: 98 Resp: 342120

Ion Ratio Lower Upper

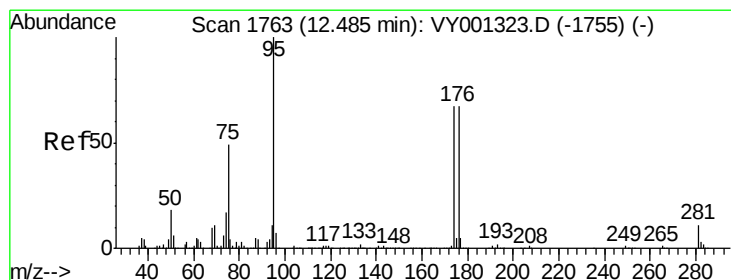
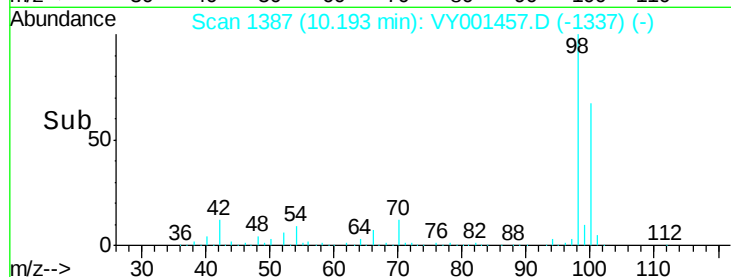
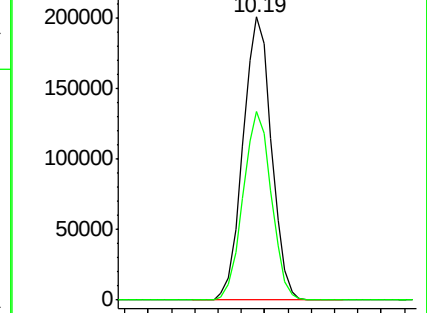
98 100

100 66.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 45.128 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001457.D

Acq: 31 Jan 2020 15:53

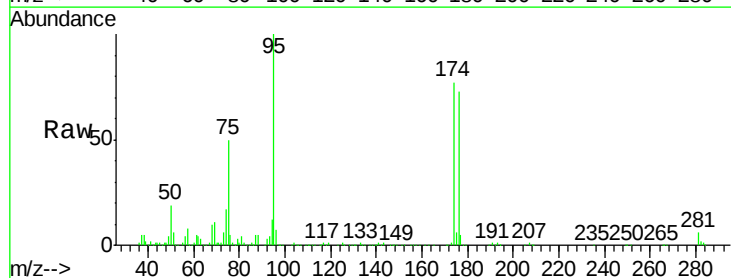
Tgt Ion: 95 Resp: 118458

Ion Ratio Lower Upper

95 100

174 74.9 0.0 142.0

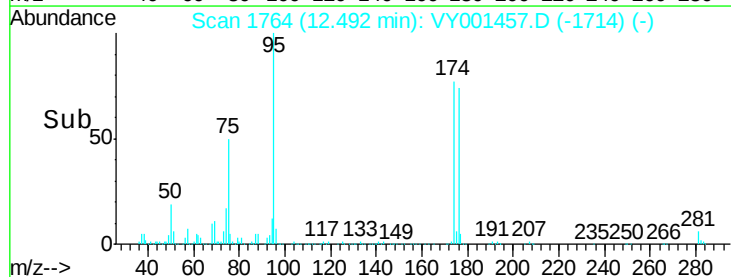
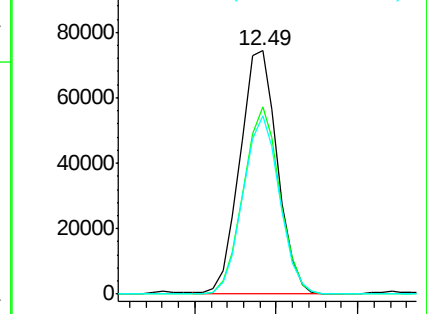
176 71.6 0.0 138.6

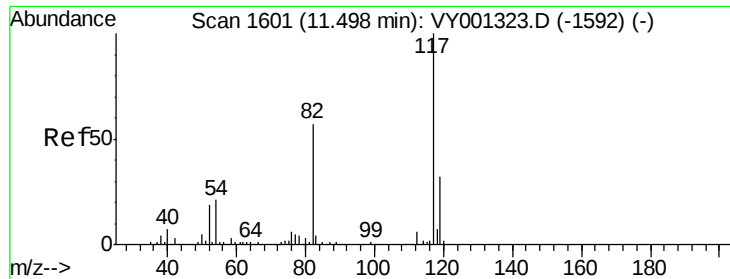


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

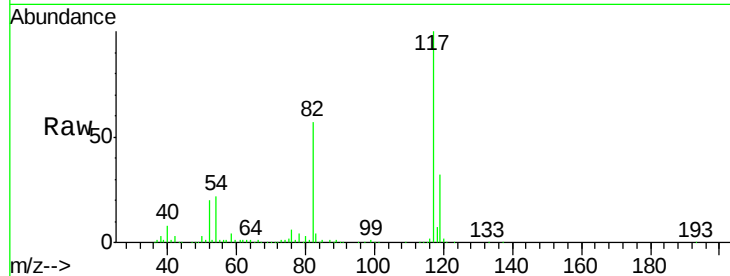




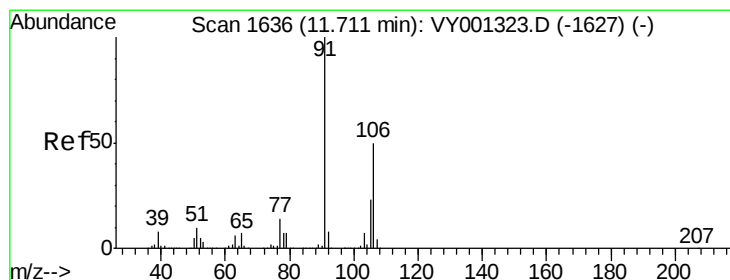
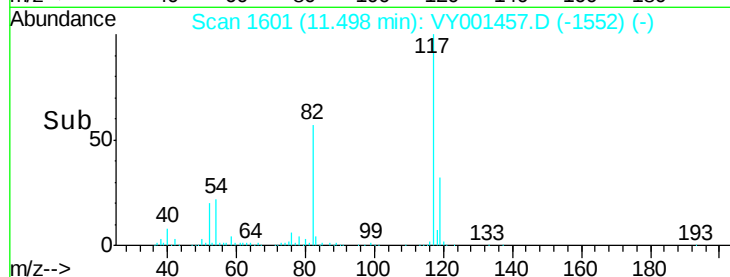
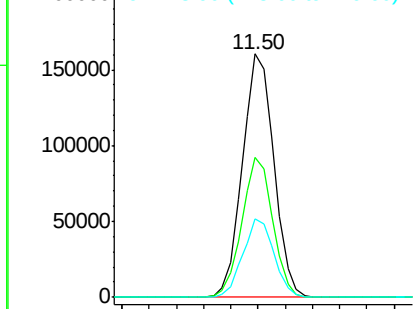
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001457.D
Acq: 31 Jan 2020 15:53

Instrument :
MSVOA_Y
ClientSampled :
TAL-1

Tot Ion:117 Resp: 260054
Ion Ratio Lower Upper
117 100
82 57.3 45.5 68.3
119 32.4 25.8 38.6

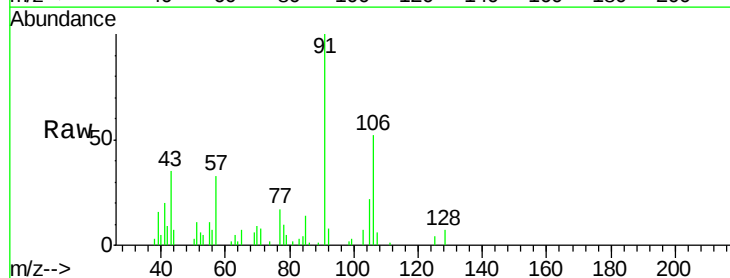


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

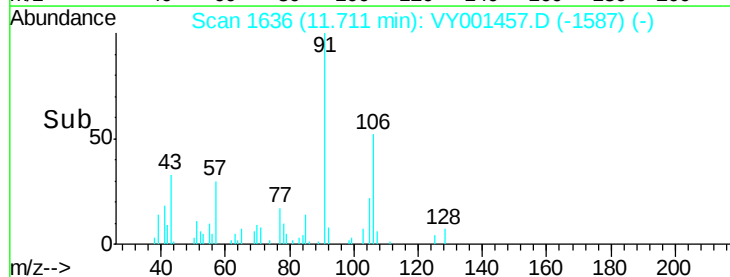
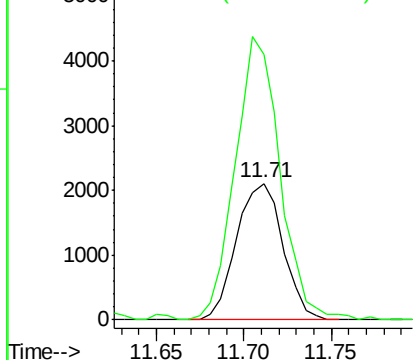


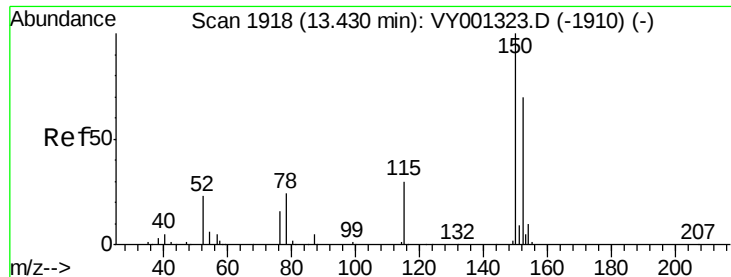
#68
m/p-Xylenes
Concen: 1.031 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001457.D
Acq: 31 Jan 2020 15:53

Tgt Ion:106 Resp: 3889
Ion Ratio Lower Upper
106 100
91 201.0 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001457.D

Acq: 31 Jan 2020 15:53

Instrument :

MSVOA_Y

ClientSampleId :

TAL-1

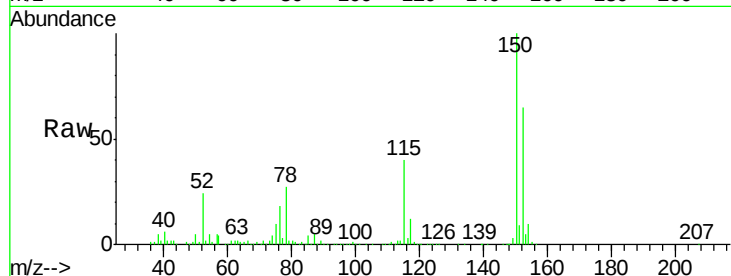
Tot Ion:152 Resp: 106947

Ion Ratio Lower Upper

152 100

115 62.7 30.9 92.8

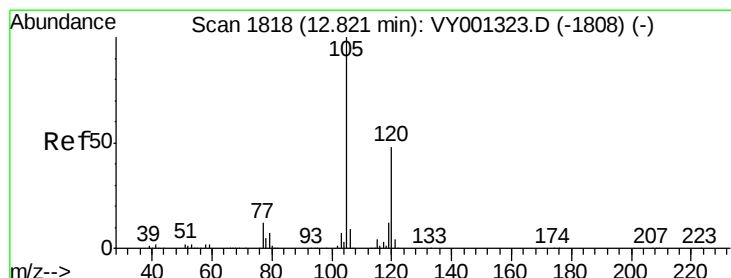
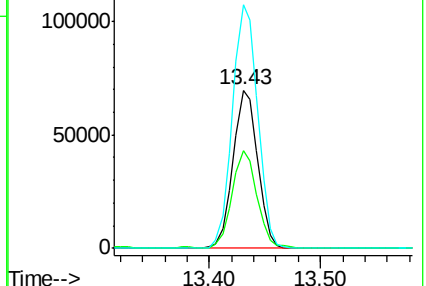
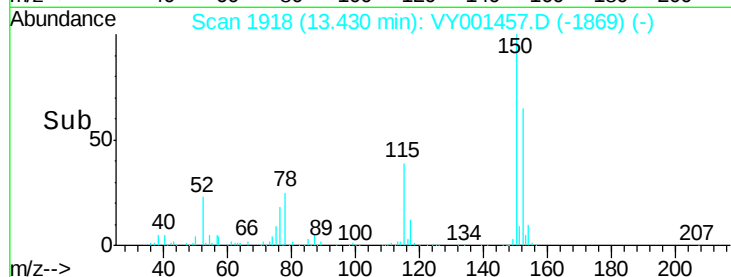
150 157.3 0.0 349.2



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: 3.649 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001457.D

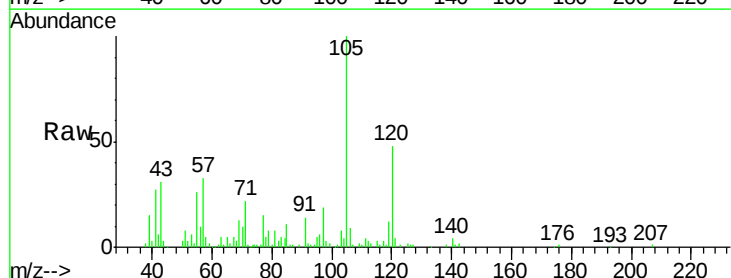
Acq: 31 Jan 2020 15:53

Tgt Ion:105 Resp: 25703

Ion Ratio Lower Upper

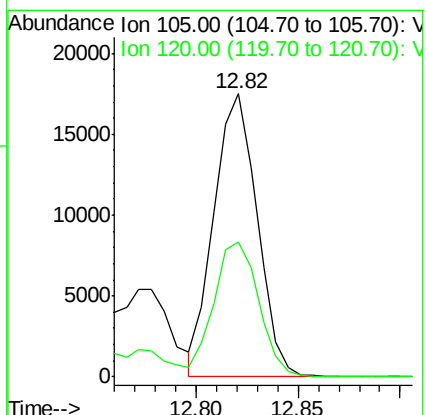
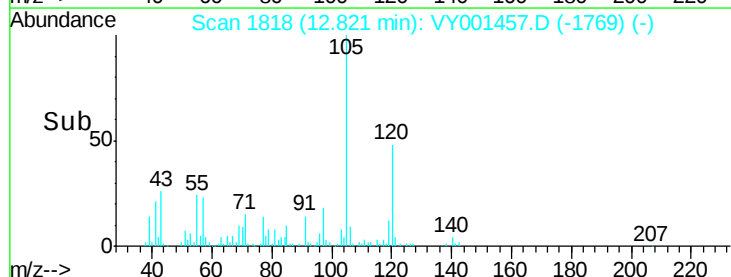
105 100

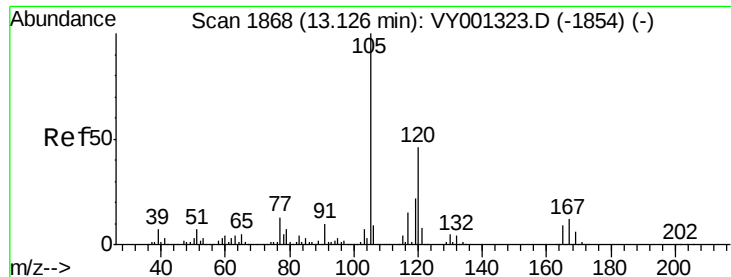
120 49.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

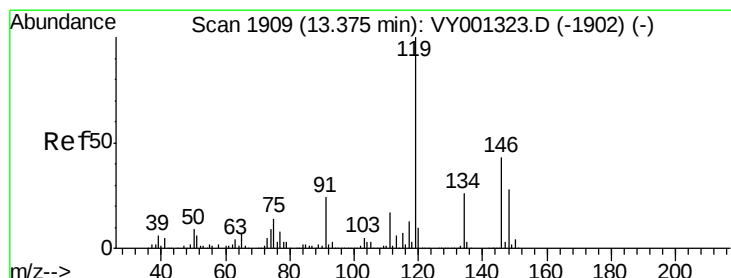
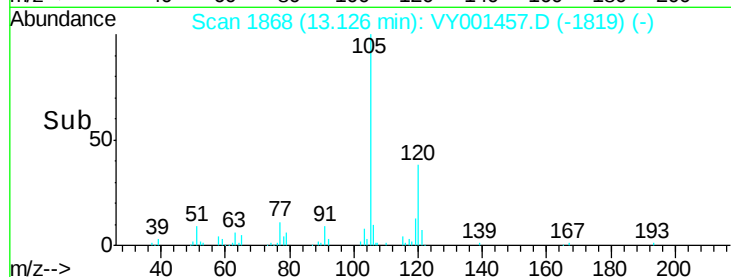
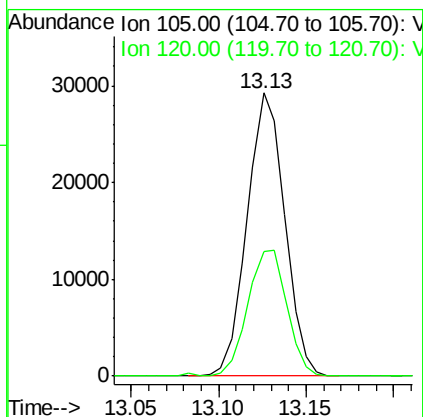
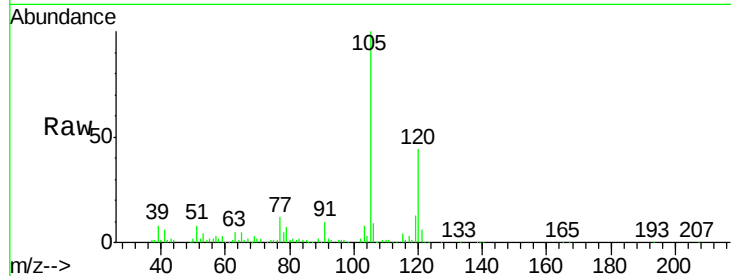




#84
 1,2,4-Trimethylbenzene
 Concen: 6.182 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001457.D
 Acq: 31 Jan 2020 15:53

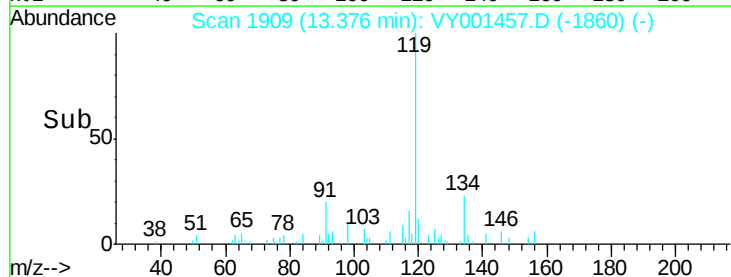
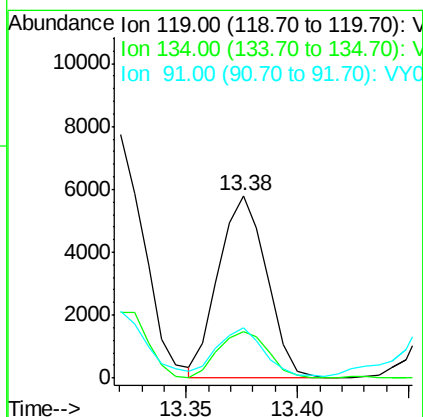
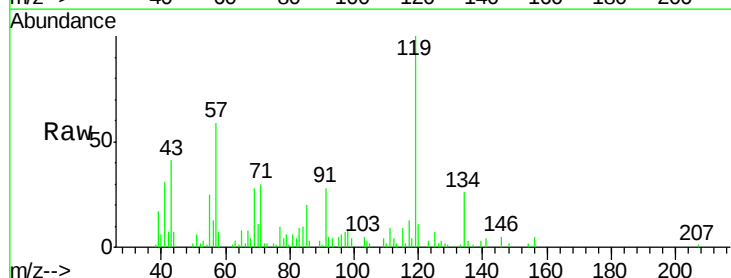
Instrument :
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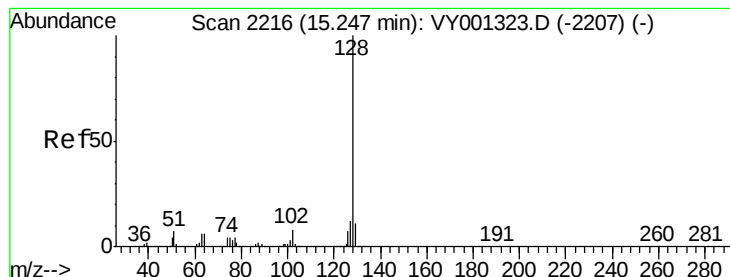
Tot Ion:105 Resp: 43718
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.4 67.3



#86
 p-Isopropyltoluene
 Concen: 1.177 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001457.D
 Acq: 31 Jan 2020 15:53

Tgt Ion:119 Resp: 8752
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 24.9 12.2 36.6





#95

Naphthalene

Concen: 6.626 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001457.D

Acq: 31 Jan 2020 15:53

Instrument :

MSVOA_Y

ClientSampleId :

TAL-1

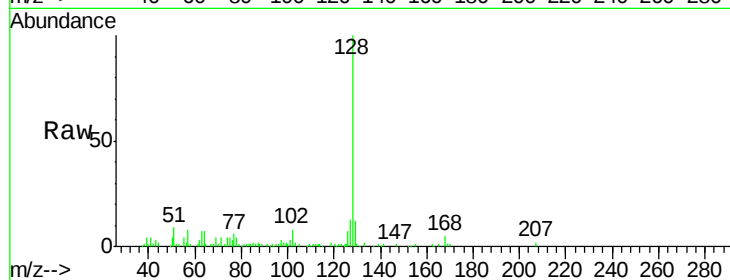
Tot Ion:128 Resp: 33757

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.2

129 12.2 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

