

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001403.D
 Acq On : 27 Jan 2020 14:15
 Operator : SY/MD
 Sample : L1262-01RE
 Misc : 12.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B10(0-15)RE

Quant Time: Jan 27 16:20:56 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

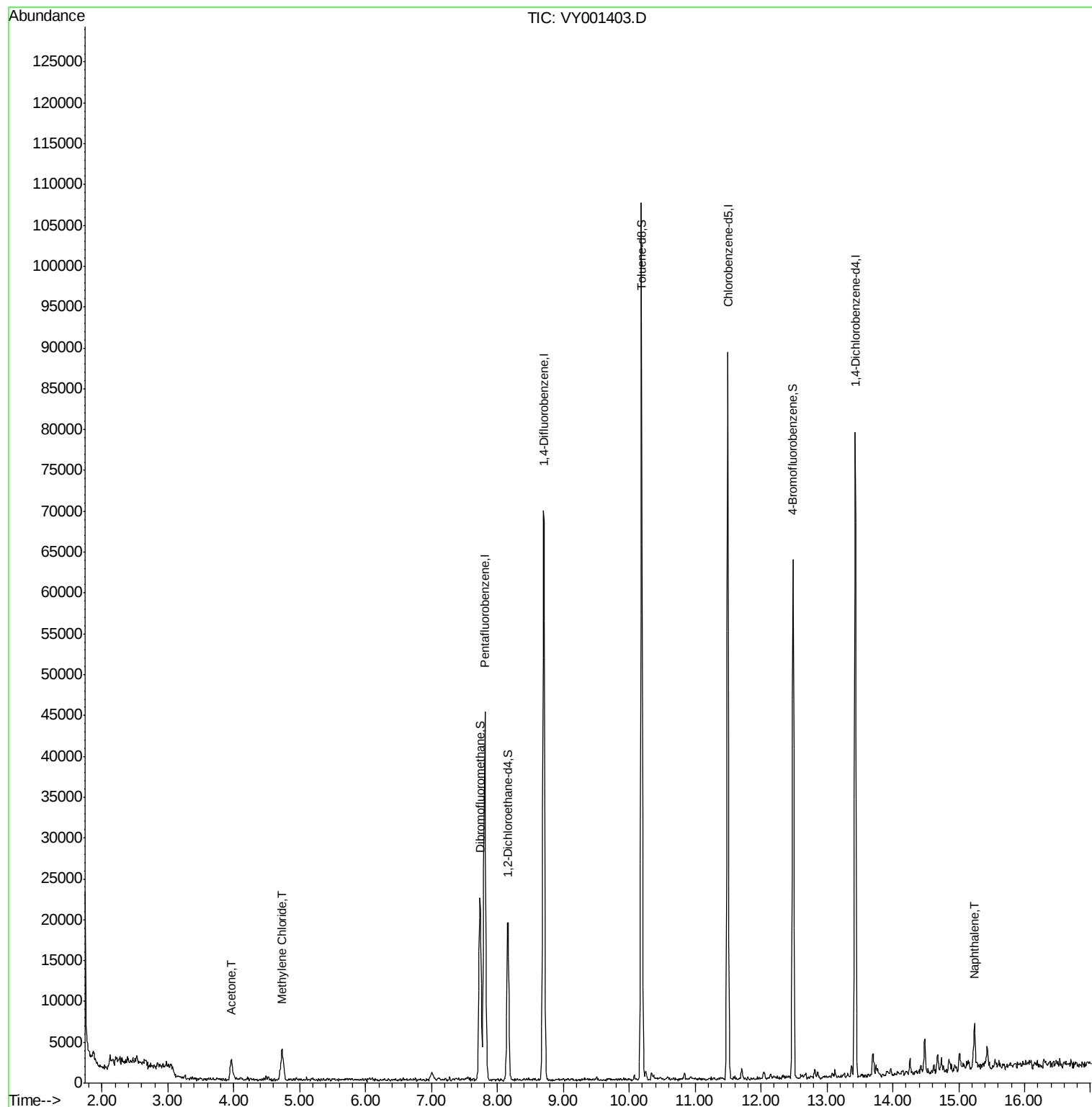
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	33411	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	59500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	48029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	18786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	14749	40.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.14%	
35) Dibromofluoromethane	7.74	113	15808	45.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.54%	
50) Toluene-d8	10.19	98	68778	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.48	95	21088	39.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.06%	
Target Compounds						
16) Acetone	3.96	43	4321	38.711	ug/l	89
20) Methylene Chloride	4.73	84	2660	1.843	ug/l	89
95) Naphthalene	15.24	128	4429	4.949	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

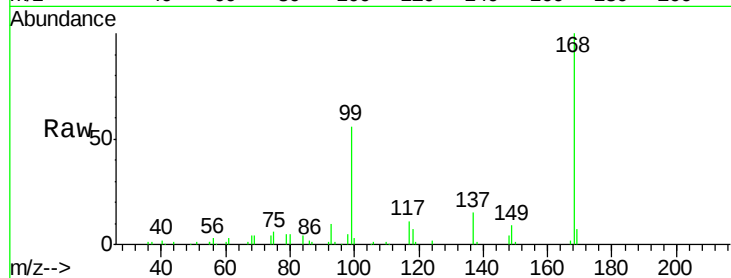
B10(0-15)RE

Tot Ion:168 Resp: 33411

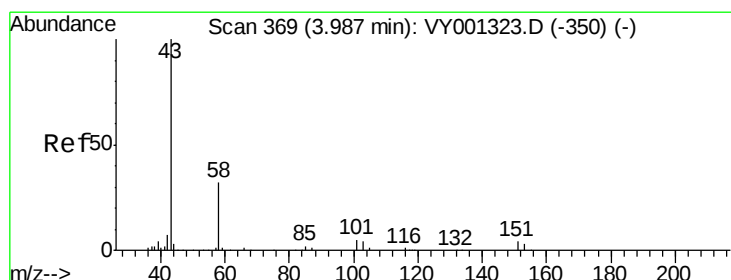
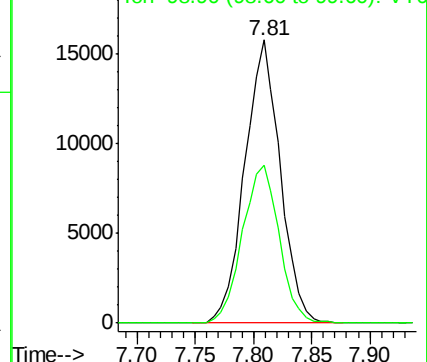
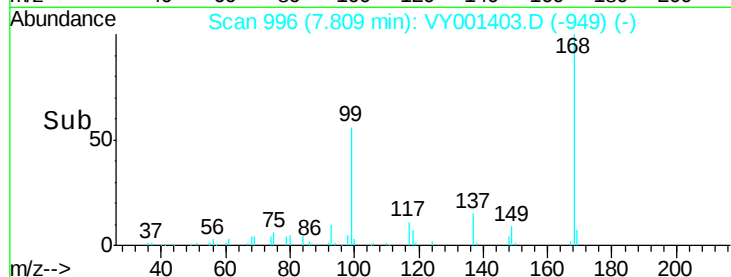
Ion Ratio Lower Upper

168 100

99 55.9 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001403.D (-949) (-)



#16

Acetone

Concen: 38.711 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.02 min

Lab File: VY001403.D

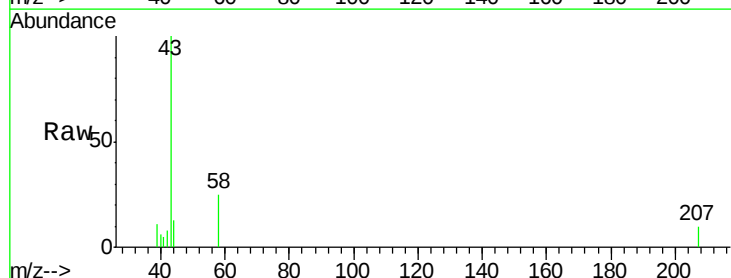
Acq: 27 Jan 2020 14:15

Tgt Ion: 43 Resp: 4321

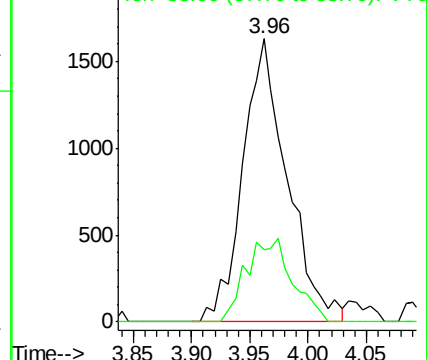
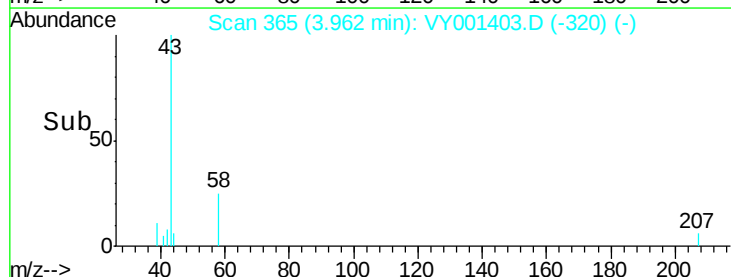
Ion Ratio Lower Upper

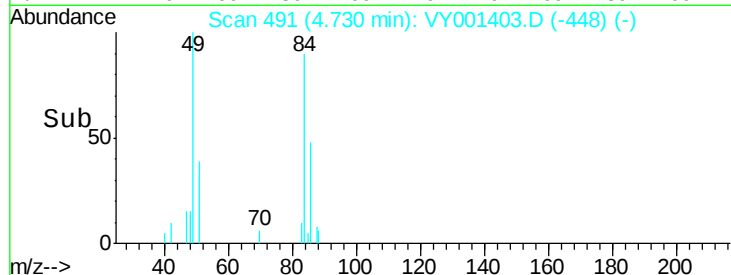
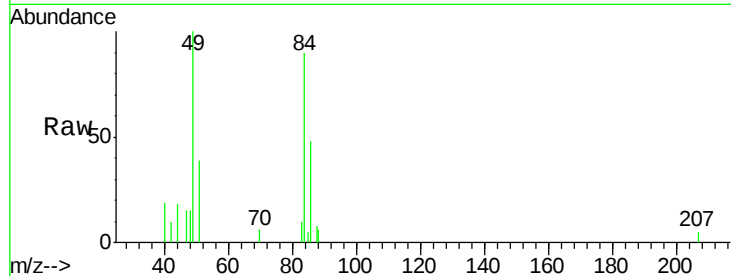
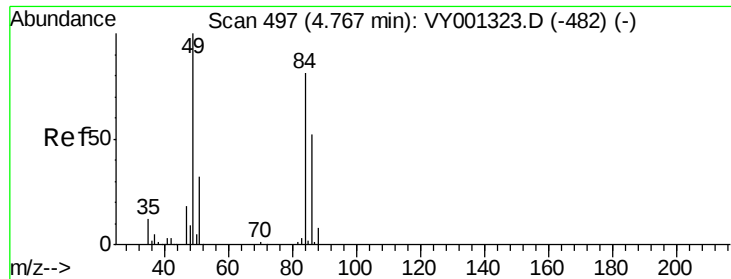
43 100

58 25.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001403.D (-320) (-)

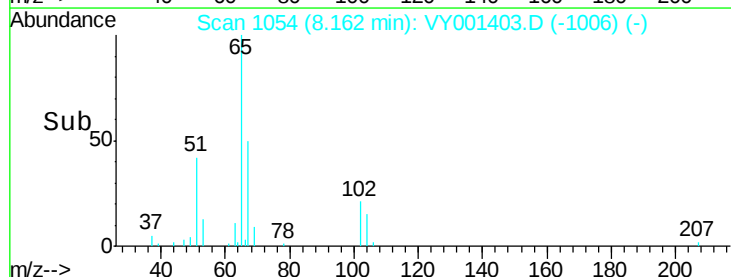
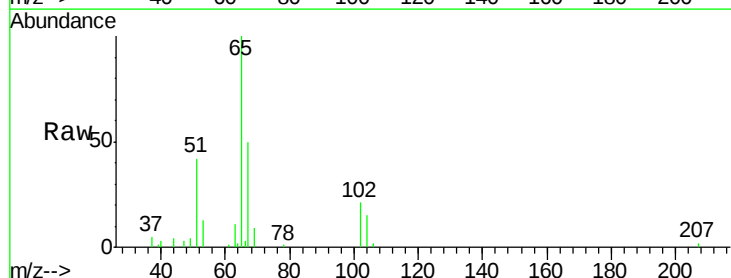
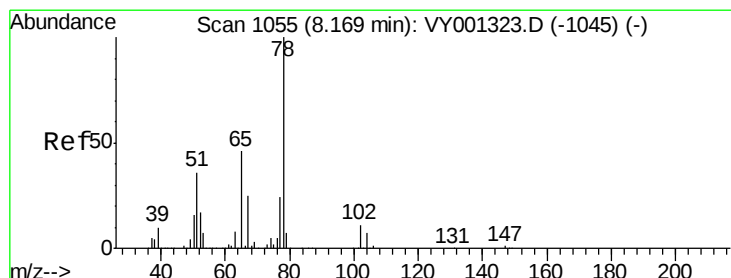
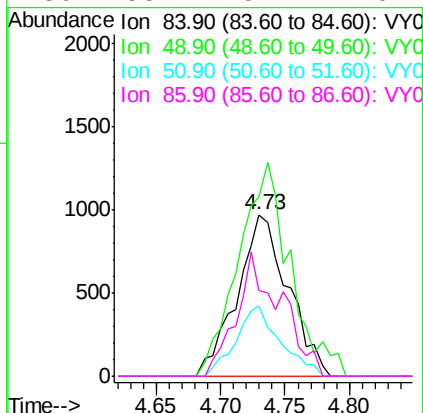




#20
Methvlene Chloride
Concen: 1.843 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.04 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

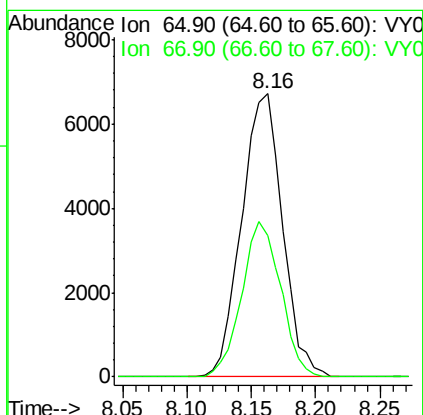
Instrument :
MSVOA_Y
ClientSampleId :
B10(0-15)RE

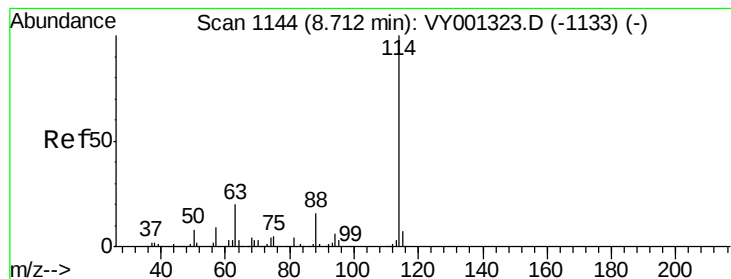
Tot Ion: 84 Resp: 2660
Ion Ratio Lower Upper
84 100
49 110.7 98.3 147.5
51 43.5 31.6 47.4
86 53.1 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 40.568 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

Tgt Ion: 65 Resp: 14749
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

B10(0-15)RE

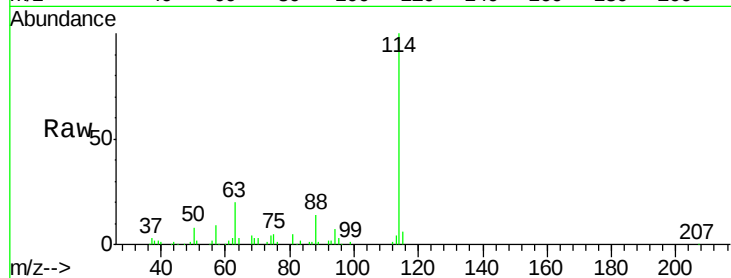
Tot Ion:114 Resp: 59500

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

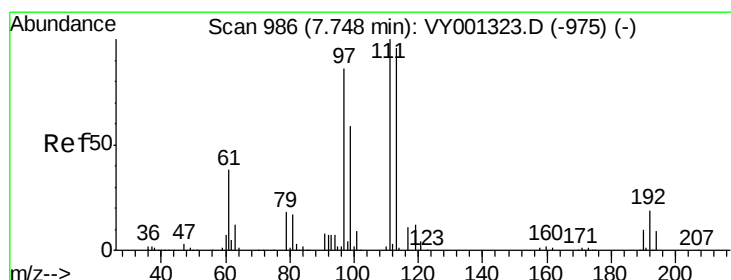
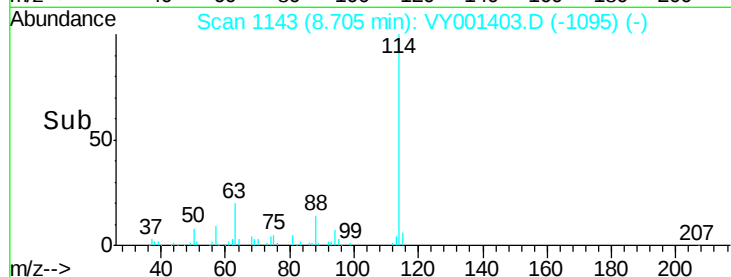
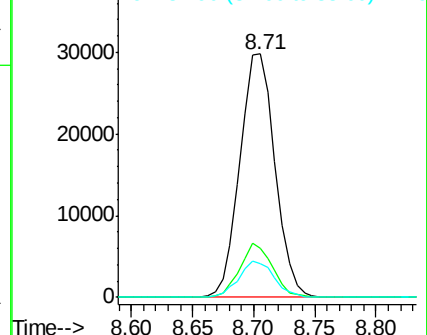
88 14.0 0.0 31.0



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: 45.267 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

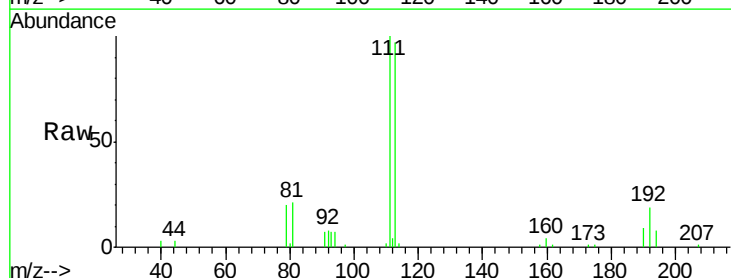
Tgt Ion:113 Resp: 15808

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

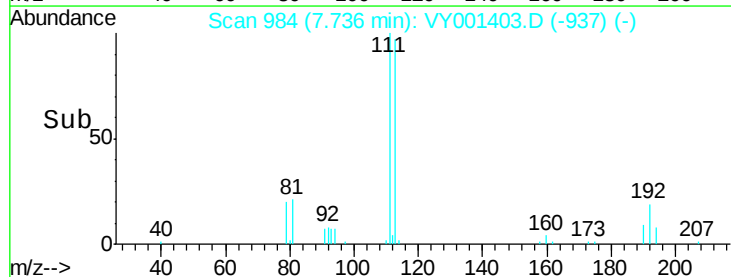
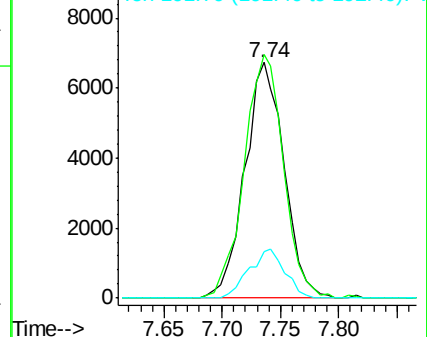
192 18.8 15.5 23.3

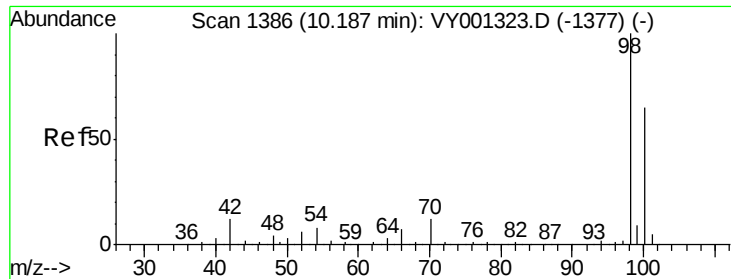


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.693 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

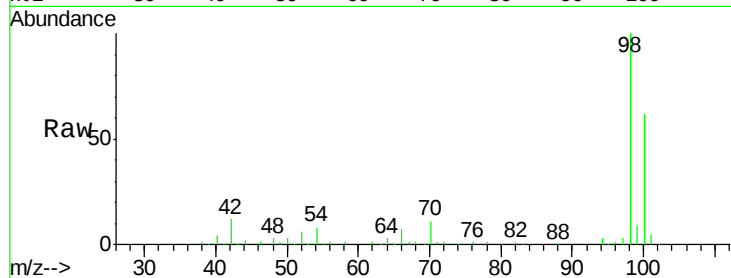
B10(0-15)RE

Tot Ion: 98 Resp: 68778

Ion Ratio Lower Upper

98 100

100 65.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

40000

30000

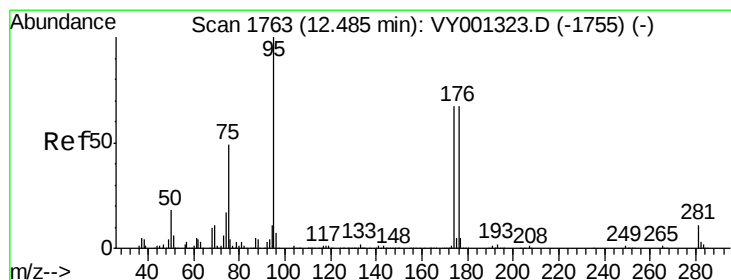
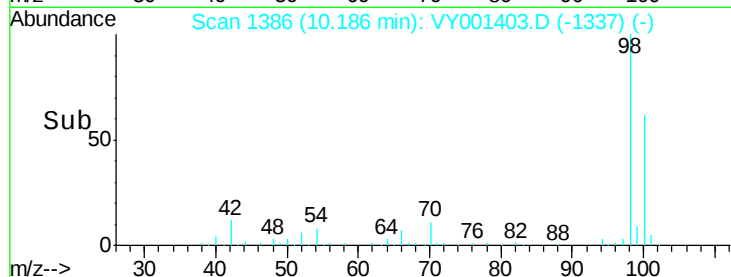
20000

10000

0

Time-->

10.10 10.15 10.20 10.25



#62

4-Bromofluorobenzene

Concen: 39.030 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

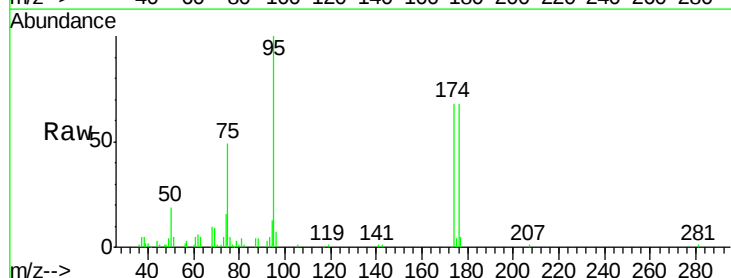
Tgt Ion: 95 Resp: 21088

Ion Ratio Lower Upper

95 100

174 74.2 0.0 142.0

176 72.1 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

12.48

15000

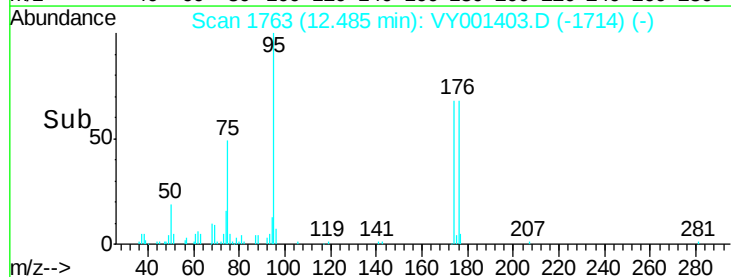
10000

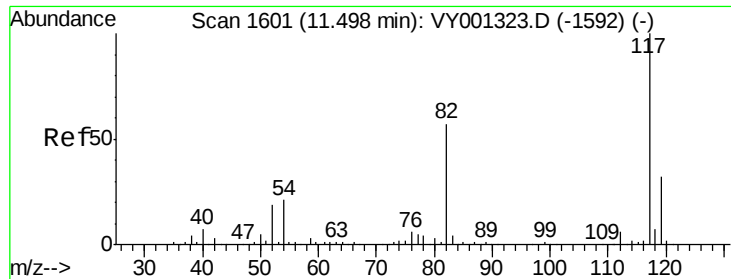
5000

0

Time-->

12.40 12.45 12.50 12.55

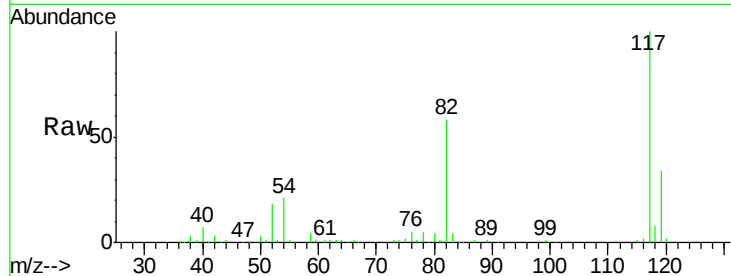




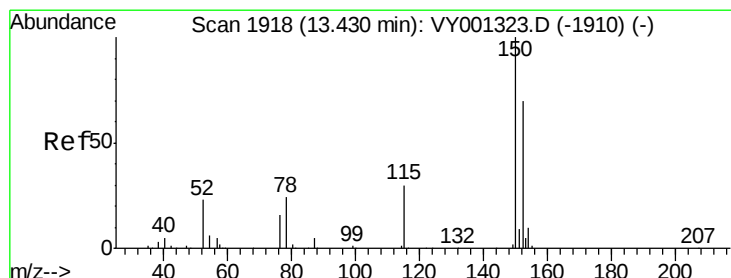
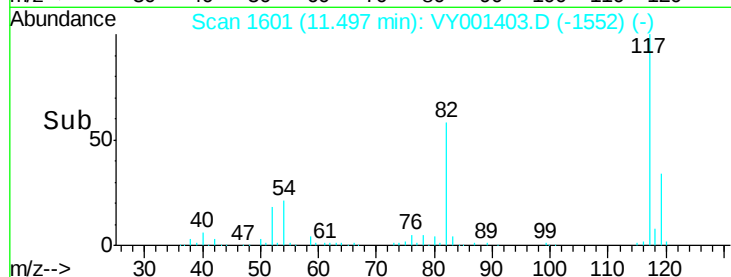
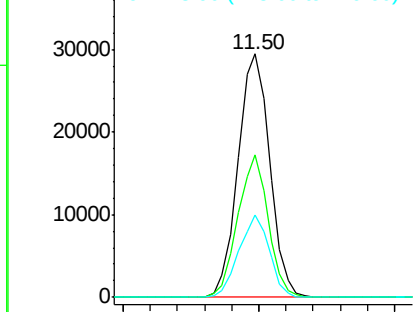
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
B10(0-15)RE

Tot Ion:117 Resp: 48029
Ion Ratio Lower Upper
117 100
82 58.4 45.5 68.3
119 33.6 25.8 38.6

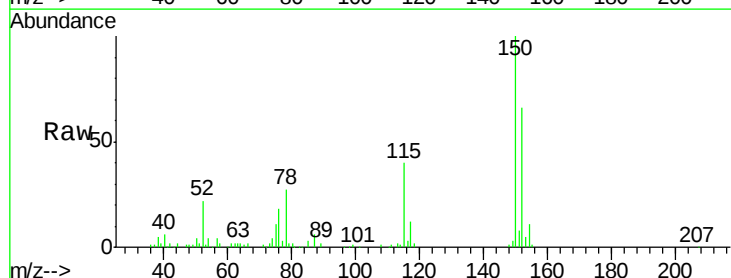


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

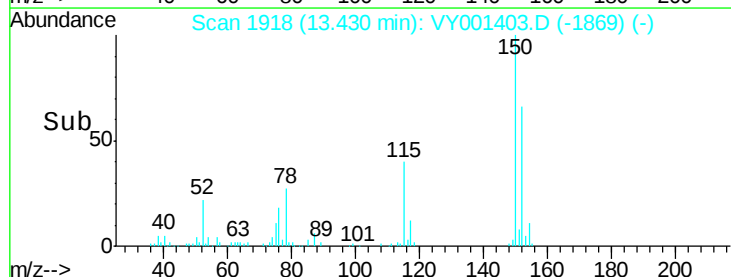
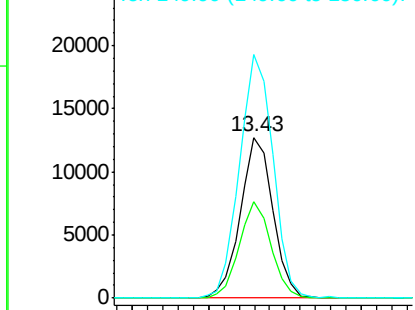


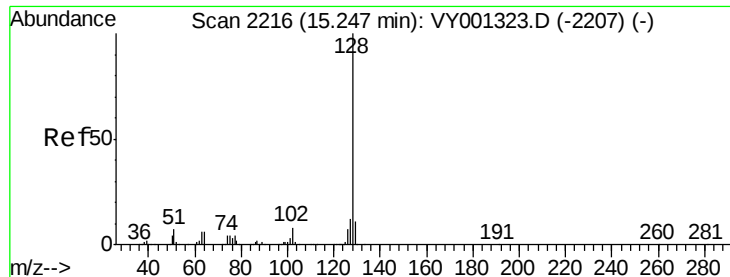
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

Tgt Ion:152 Resp: 18786
Ion Ratio Lower Upper
152 100
115 58.6 30.9 92.8
150 155.9 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





#95

Naphthalene

Concen: 4.949 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001403.D

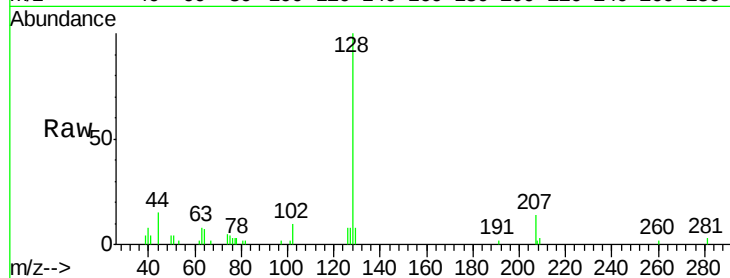
Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

B10(0-15)RE



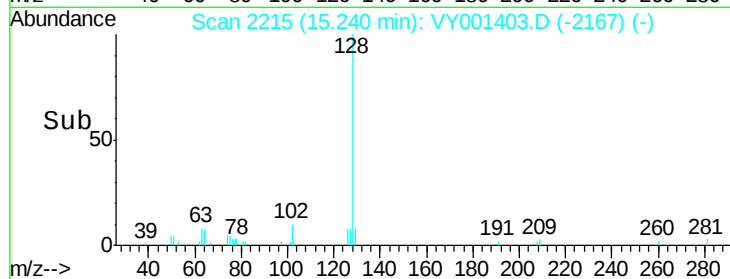
Tot Ion:128 Resp: 4429

Ion Ratio Lower Upper

128 100

127 10.7 10.2 15.2

129 11.0 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

