

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000622.D
 Acq On : 08 Nov 2019 17:03
 Operator : SY/MD
 Sample : K5723-06RE
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8-CRE

Quant Time: Nov 11 06:31:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

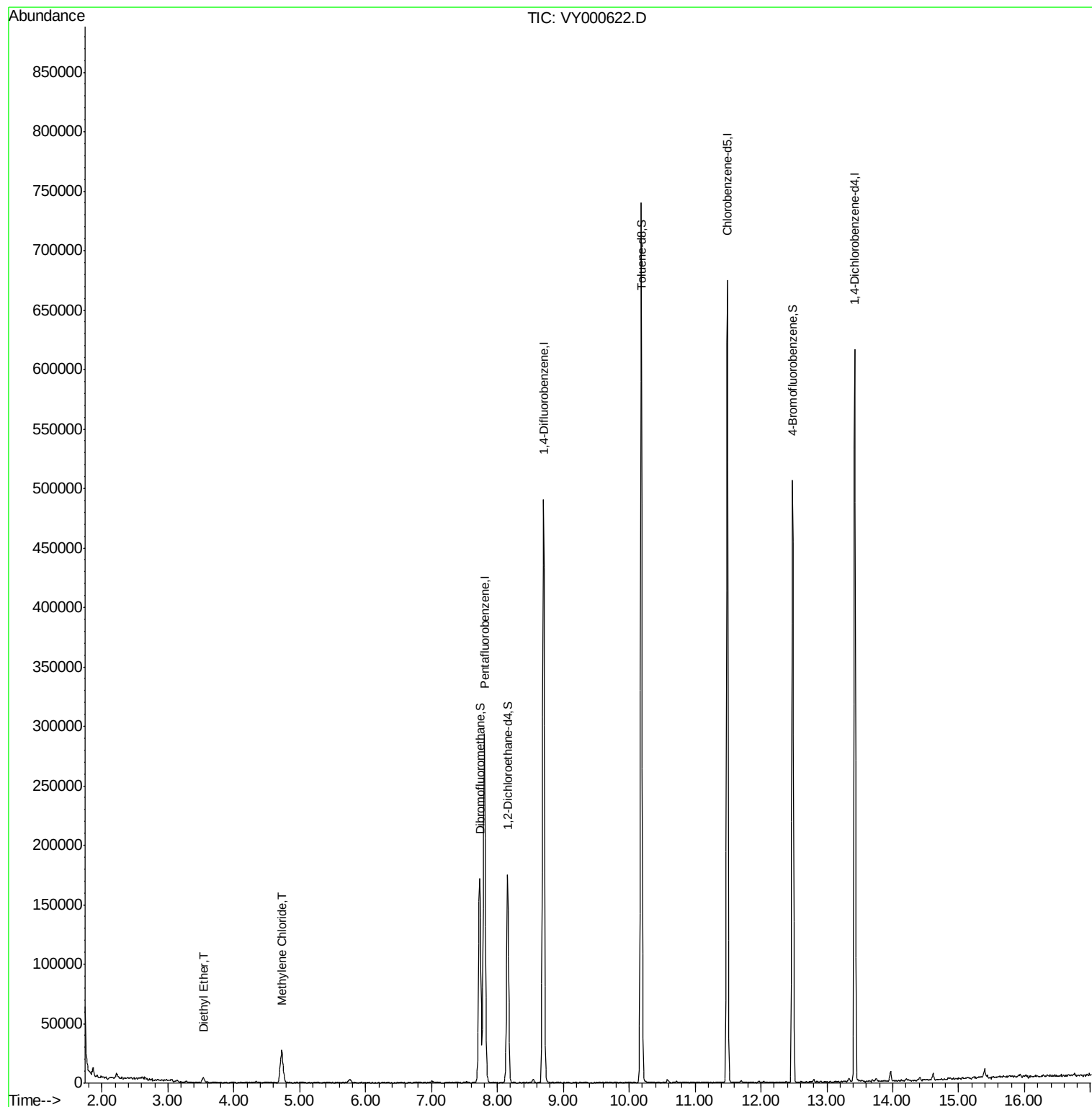
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	218990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	401436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	350780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	137208	60.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.08%	
35) Dibromofluoromethane	7.74	113	121105	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.18	98	469461	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.48	95	155580	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
8) Diethyl Ether	3.54	74	2378	1.797	ug/l	81
20) Methylene Chloride	4.72	84	19454	7.269	ug/l	98

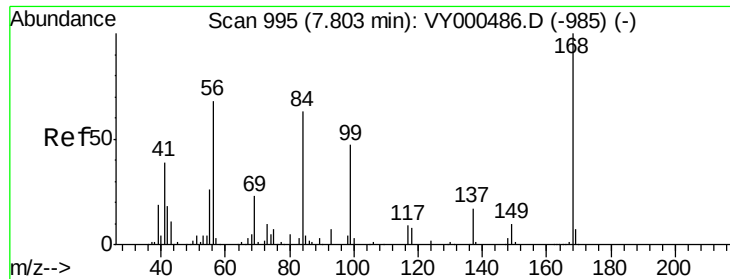
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000622.D

Acq: 08 Nov 2019 17:03

Instrument :

MSVOA_Y

ClientSampled :

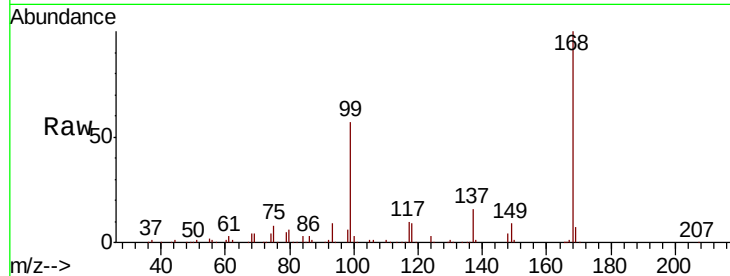
8-CRE

Tot Ion:168 Resp: 218990

Ion Ratio Lower Upper

168 100

99 57.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

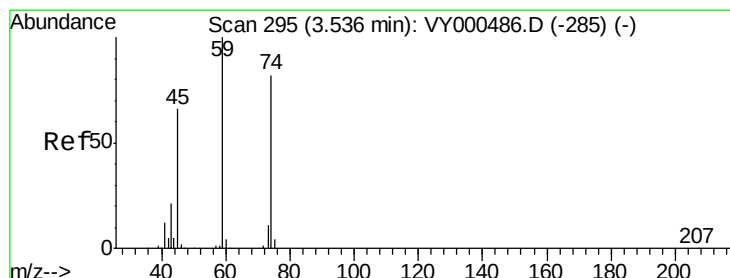
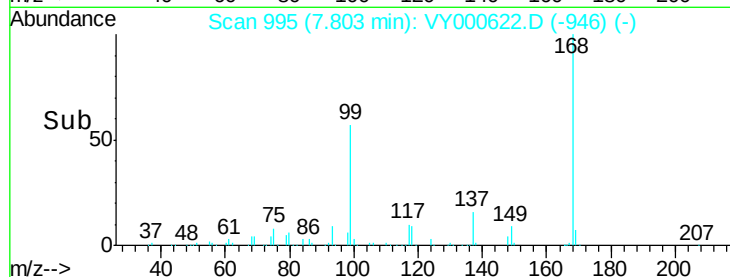
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.797 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY000622.D

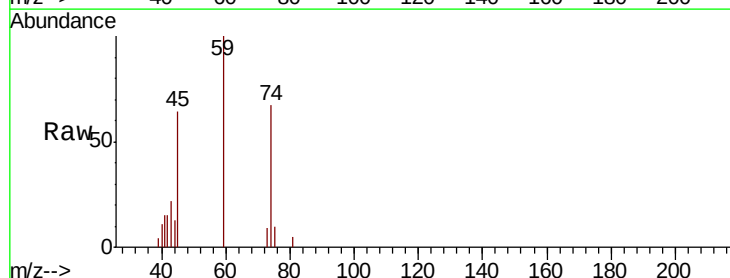
Acq: 08 Nov 2019 17:03

Tgt Ion: 74 Resp: 2378

Ion Ratio Lower Upper

74 100

45 108.7 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

Ion 45.00 (44.70 to 45.70): VY000486.D (-285) (-)

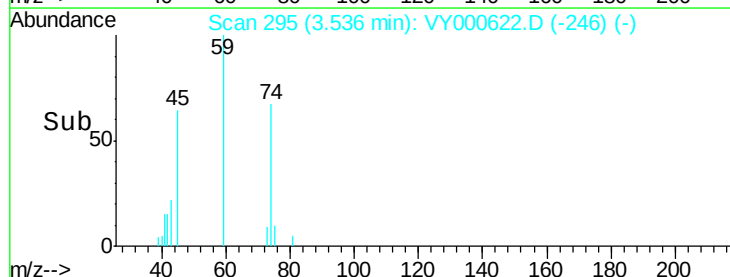
3.54

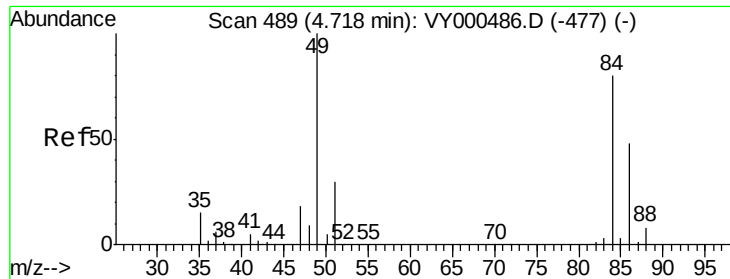
1000

500

0

Time-->

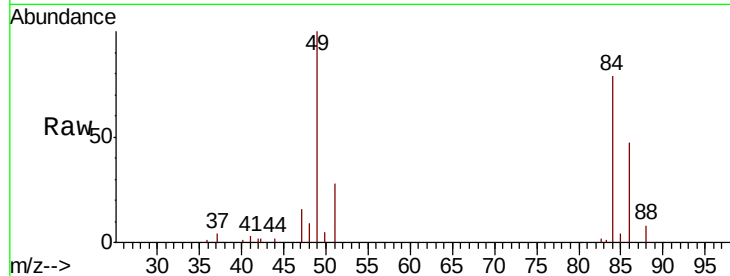




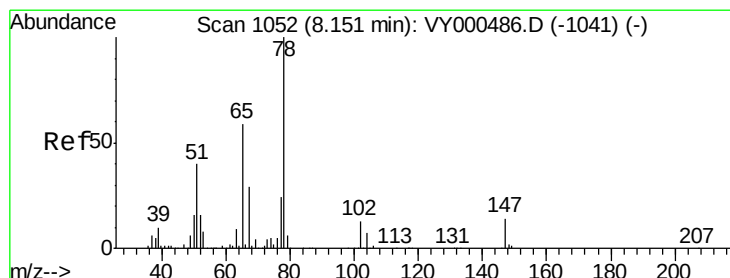
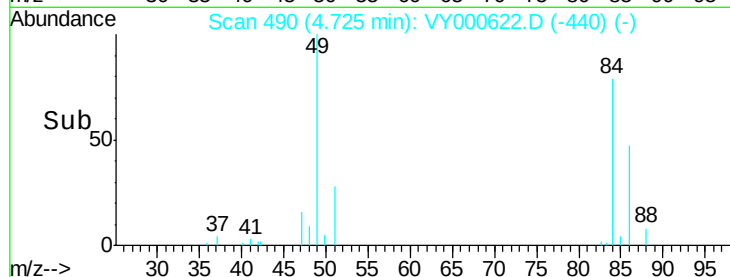
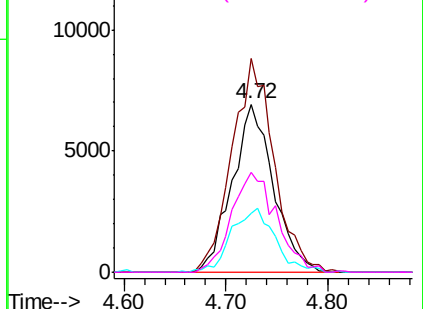
#20
Methylene Chloride
Concen: 7.269 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000622.D
Acq: 08 Nov 2019 17:03

Instrument :
MSVOA_Y
ClientSampled :
8-CRE

Tot Ion: 84 Resp: 19454
Ion Ratio Lower Upper
84 100
49 127.3 100.2 150.4
51 35.3 29.6 44.4
86 59.2 48.3 72.5

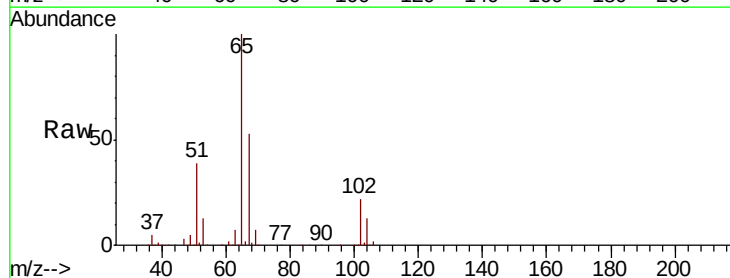


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

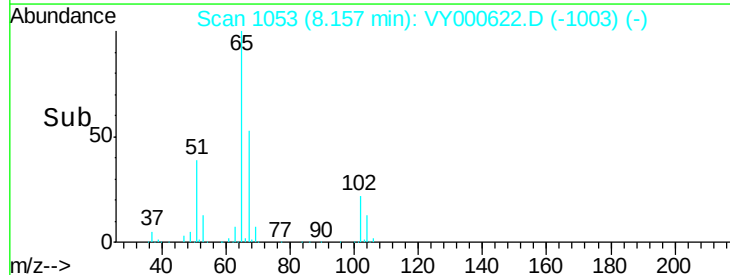
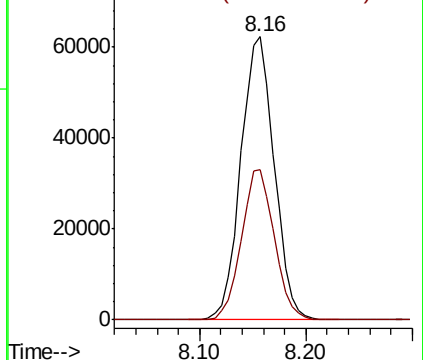


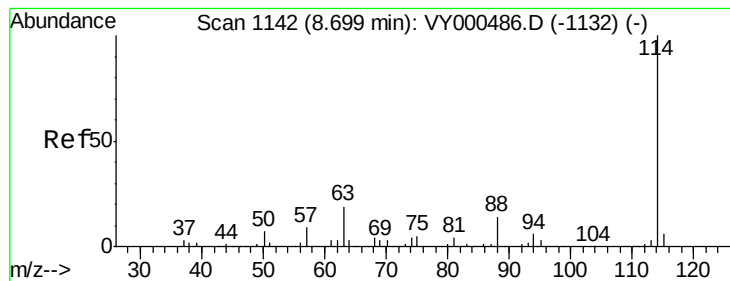
#33
1,2-Dichloroethane-d4
Concen: 60.544 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000622.D
Acq: 08 Nov 2019 17:03

Tgt Ion: 65 Resp: 137208
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2



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: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000622.D

Acq: 08 Nov 2019 17:03

Instrument :

MSVOA_Y

ClientSampleId :

8-CRE

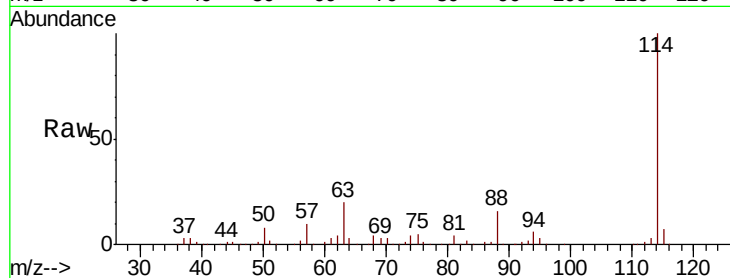
Tot Ion:114 Resp: 401436

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.0

88 16.4 0.0 28.6



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

8.70

250000

200000

150000

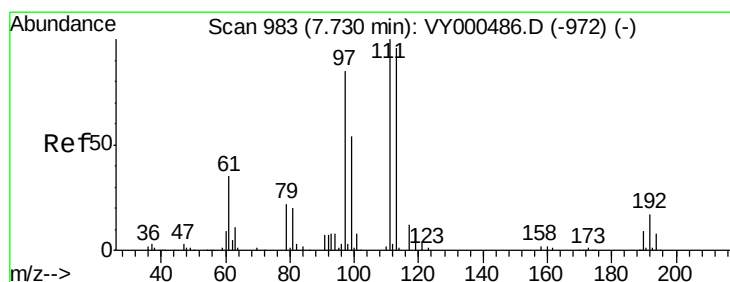
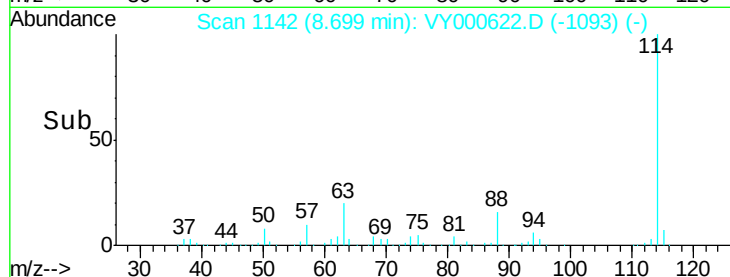
100000

50000

0

Time-->

8.60 8.65 8.70 8.75 8.80



#35

Dibromofluoromethane

Concen: 51.388 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000622.D

Acq: 08 Nov 2019 17:03

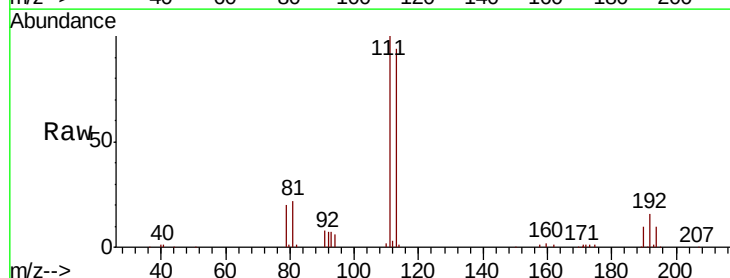
Tgt Ion:113 Resp: 121105

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

192 18.7 15.0 22.4



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

7.74

60000

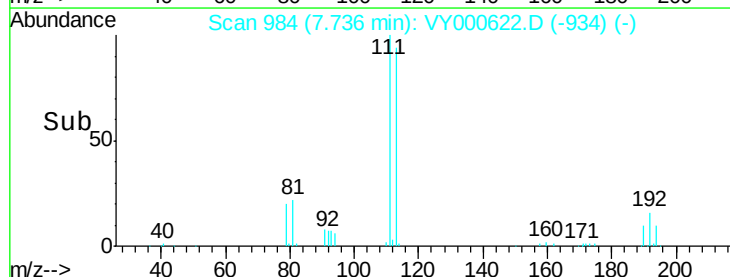
40000

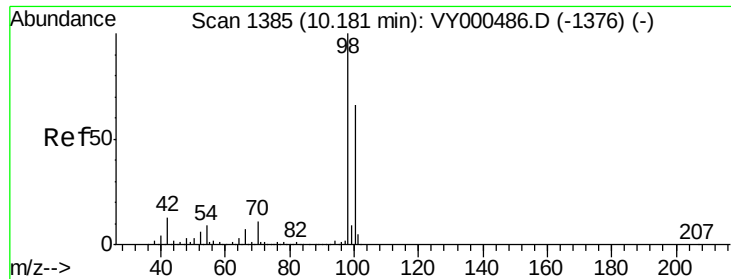
20000

0

Time-->

7.60 7.70 7.80





#50

Toluene-d8

Concen: 52.498 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000622.D

Acq: 08 Nov 2019 17:03

Instrument :

MSVOA_Y

ClientSampled :

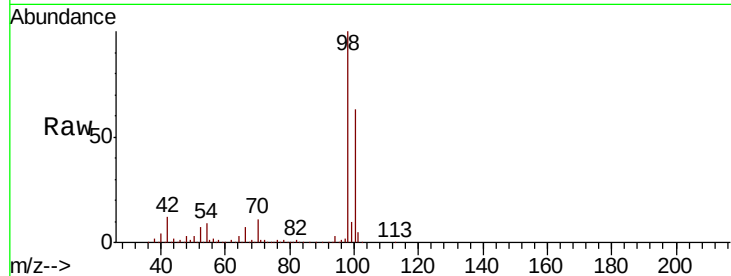
8-CRE

Tot Ion: 98 Resp: 469461

Ion Ratio Lower Upper

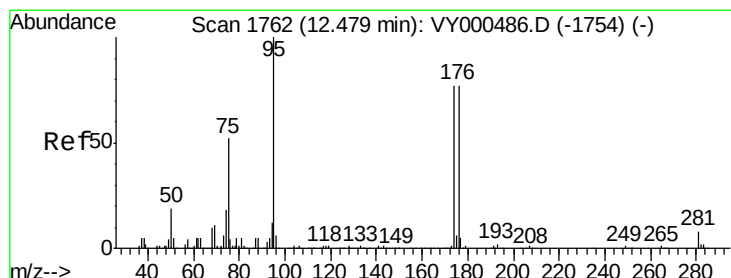
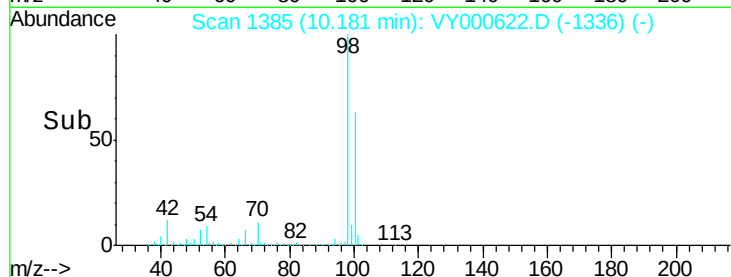
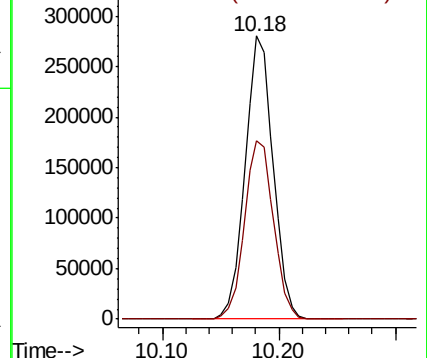
98 100

100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 45.701 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000622.D

Acq: 08 Nov 2019 17:03

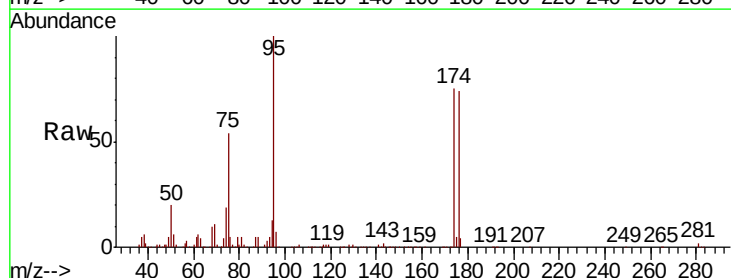
Tgt Ion: 95 Resp: 155580

Ion Ratio Lower Upper

95 100

174 77.1 0.0 161.6

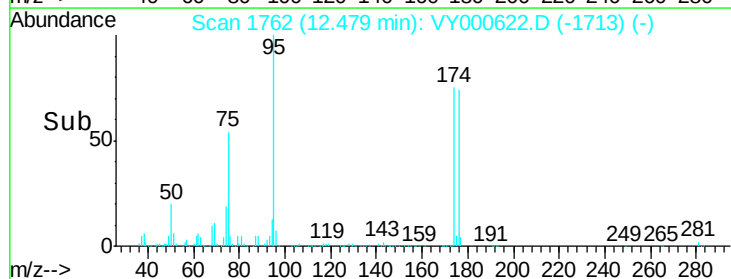
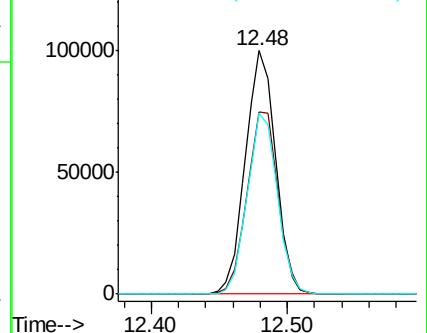
176 74.3 0.0 157.8

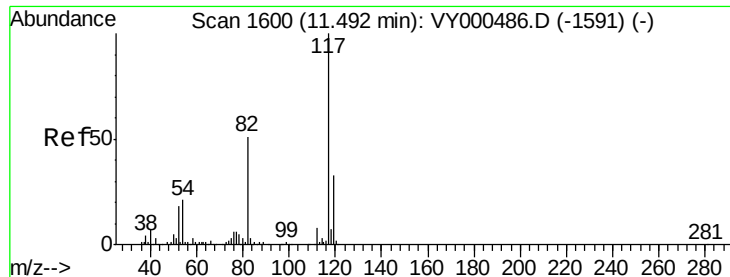


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

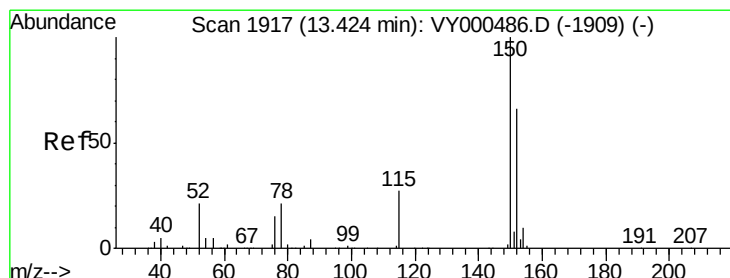
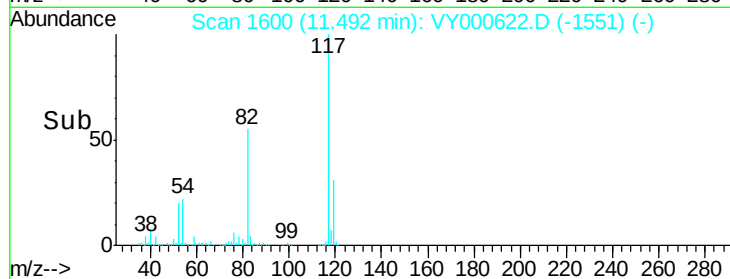
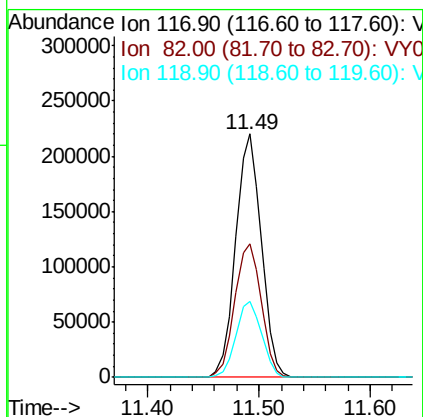
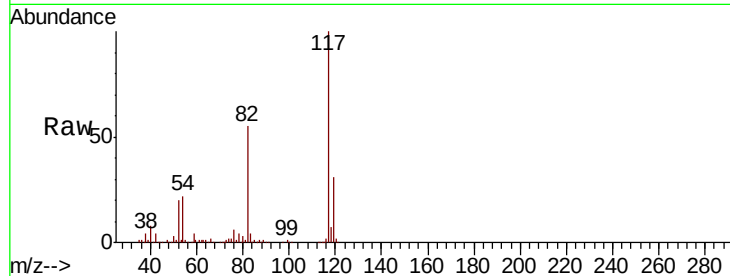




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000622.D
Acq: 08 Nov 2019 17:03

Instrument :
MSVOA_Y
ClientSampled :
8-CRE

Tot Ion:117 Resp: 350780
Ion Ratio Lower Upper
117 100
82 55.0 40.8 61.2
119 31.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000622.D
Acq: 08 Nov 2019 17:03

Tgt Ion:152 Resp: 145536
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 156.1 0.0 348.8

