

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000505.D
 Acq On : 31 Oct 2019 15:02
 Operator : SY/MD
 Sample : K5615-03
 Misc : 7.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

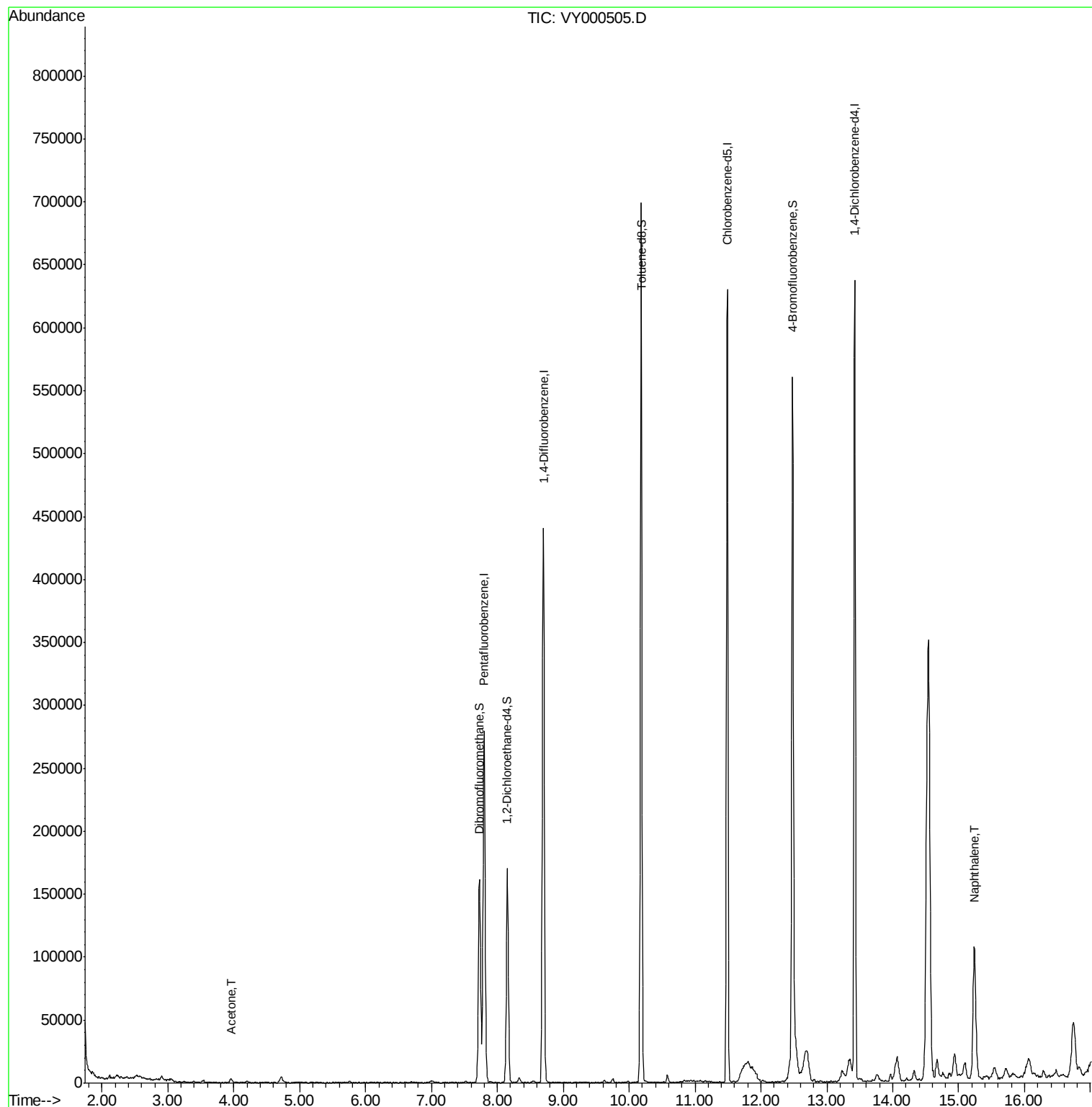
Quant Time: Nov 01 08:54:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	216517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	376945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	334248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	127700	56.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.98%	
35) Dibromofluoromethane	7.73	113	111323	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.18	98	440326	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.48	95	148869	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
16) Acetone	3.96	43	5108	8.271	ug/l #	86
95) Naphthalene	15.23	128	9529	1.370	ug/l #	86

(#) = 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# 994

Delta R.T. -0.01 min

Lab File: VY000505.D

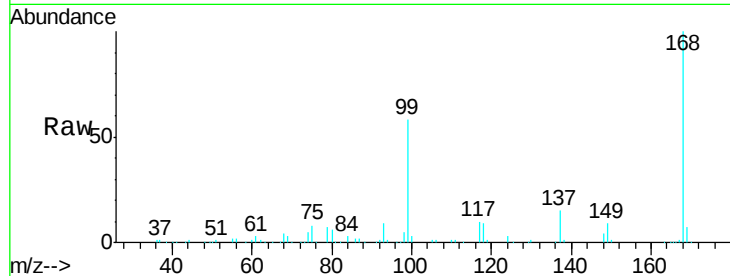
Acq: 31 Oct 2019 15:02

Tgt Ion: 168 Resp: 216517

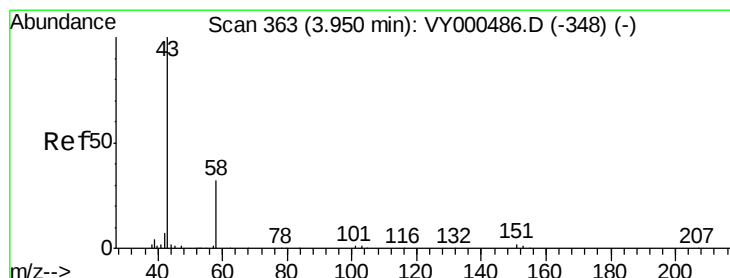
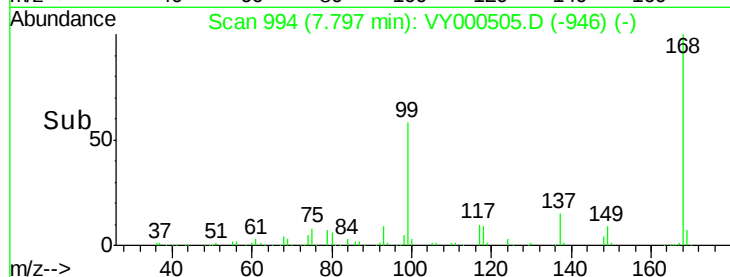
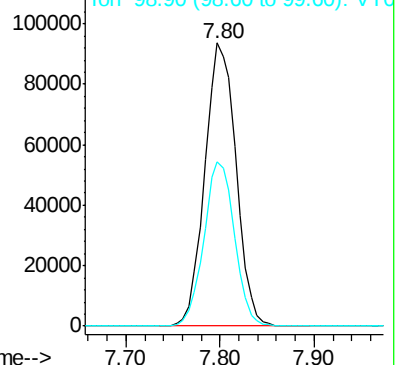
Ion Ratio Lower Upper

168 100

99 57.9 45.7 68.5



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



#16

Acetone

Concen: 8.271 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000505.D

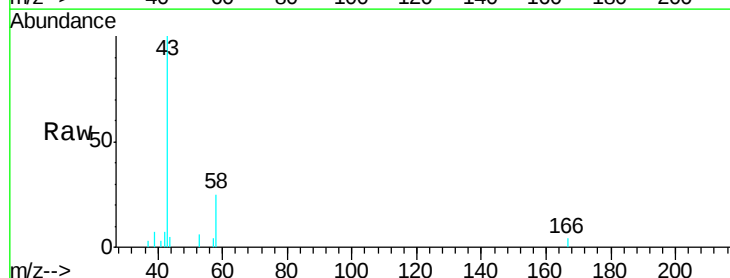
Acq: 31 Oct 2019 15:02

Tgt Ion: 43 Resp: 5108

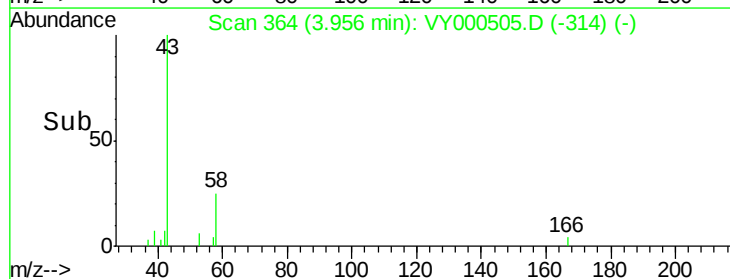
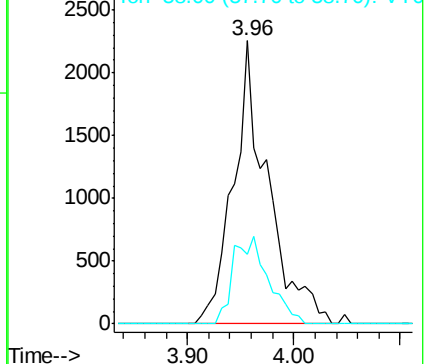
Ion Ratio Lower Upper

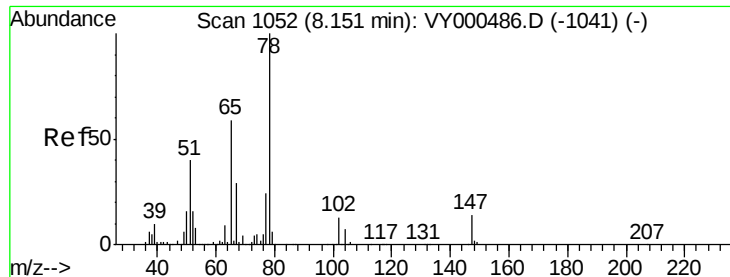
43 100

58 24.6 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)





#33

1,2-Dichloroethane-d4

Concen: 56.992 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000505.D

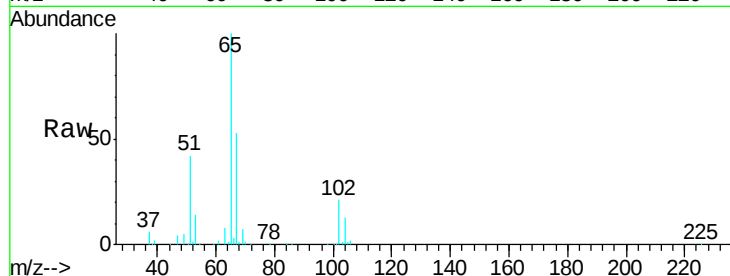
Acq: 31 Oct 2019 15:02

Tgt Ion: 65 Resp: 127700

Ion Ratio Lower Upper

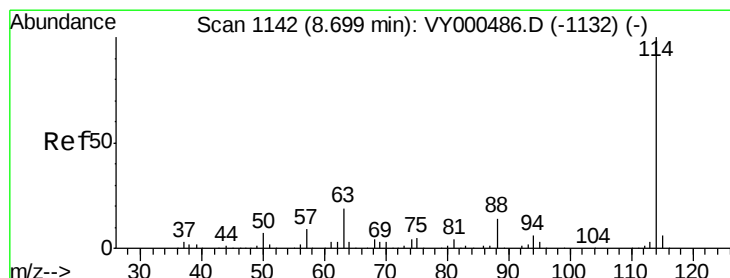
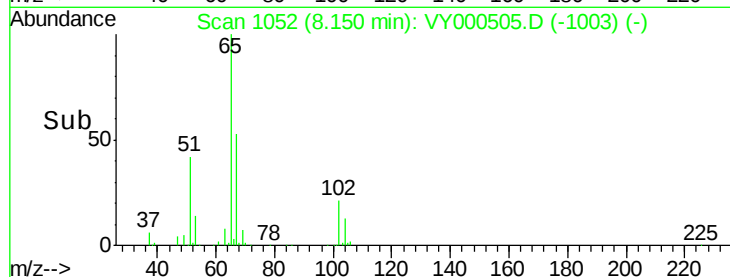
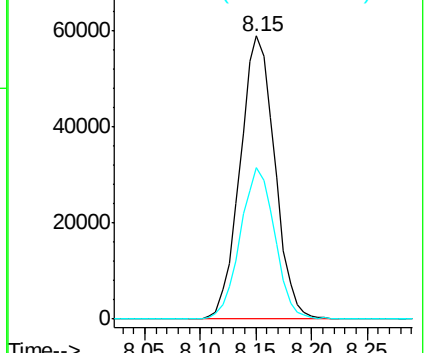
65 100

67 53.2 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: VY000505.D

Acq: 31 Oct 2019 15:02

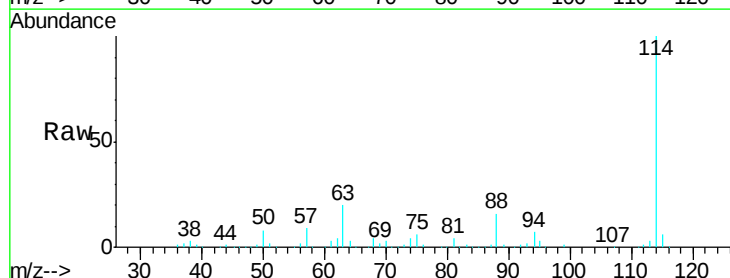
Tgt Ion: 114 Resp: 376945

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.0

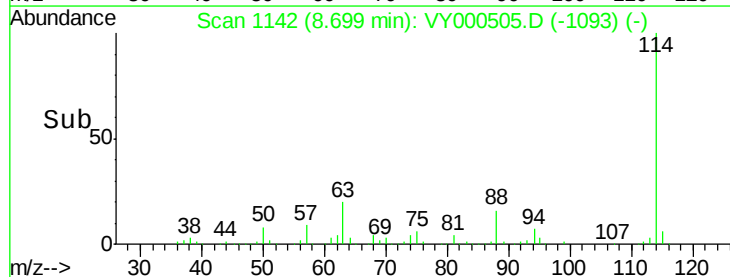
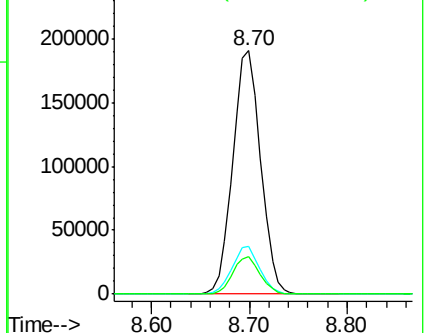
88 15.6 0.0 28.6

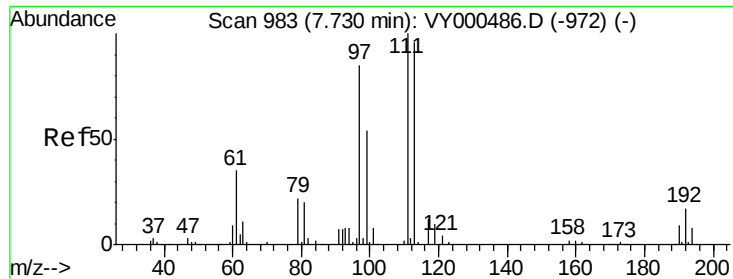


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.306 ug/l

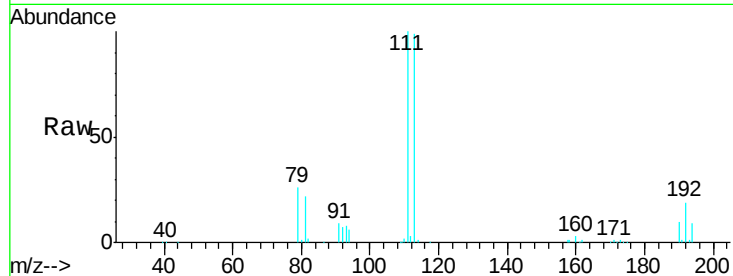
RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000505.D

Acq: 31 Oct 2019 15:02

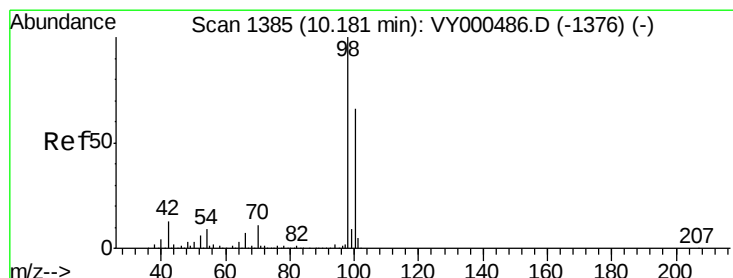
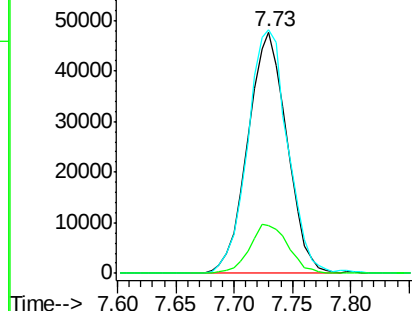
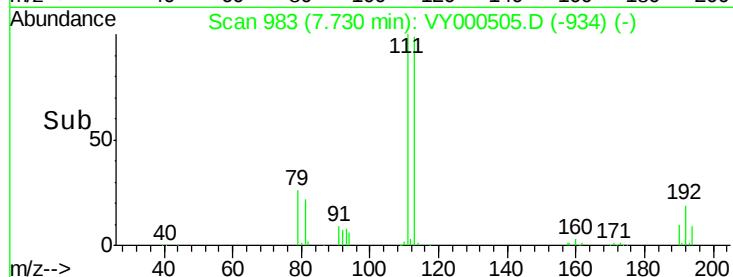
Tgt Ion:	113	Resp:	111323
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.7	122.5
192	20.0	15.0	22.4



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



#50

Toluene-d8

Concen: 52.440 ug/l

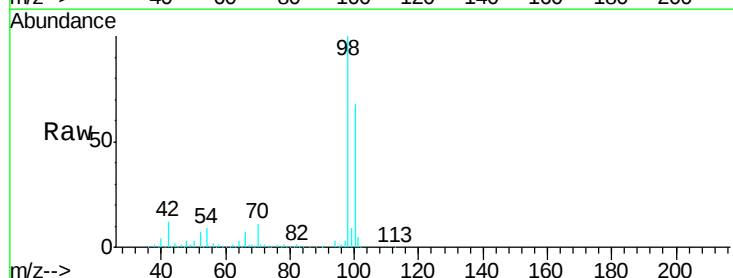
RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000505.D

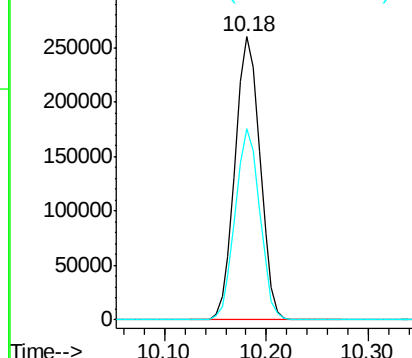
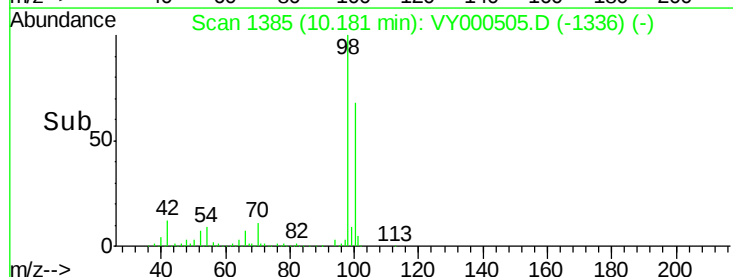
Acq: 31 Oct 2019 15:02

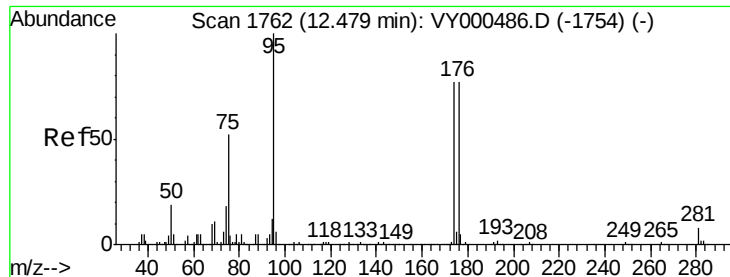
Tgt Ion:	98	Resp:	440326
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.571 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000505.D

Acq: 31 Oct 2019 15:02

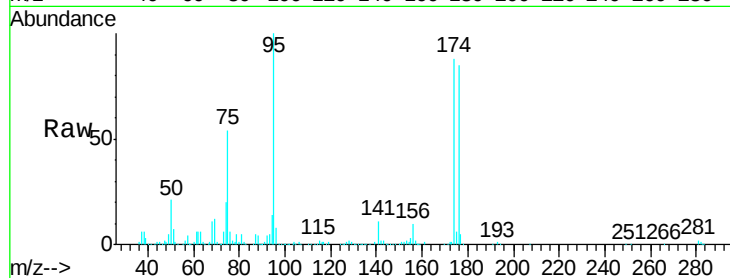
Tgt Ion: 95 Resp: 148869

Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.6

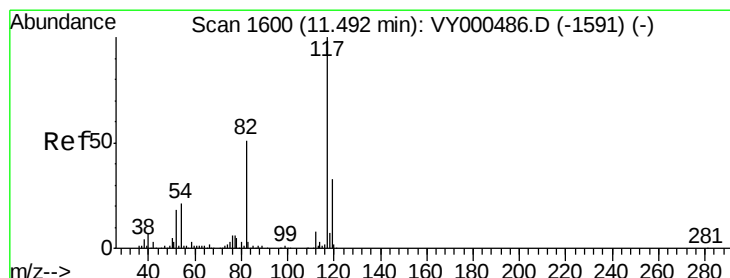
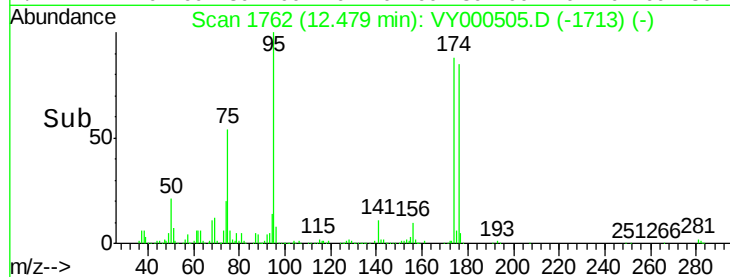
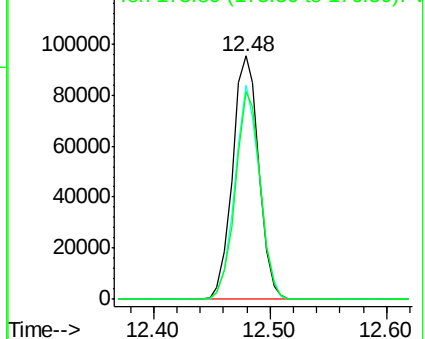
176 81.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000486.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000486.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000486.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000505.D

Acq: 31 Oct 2019 15:02

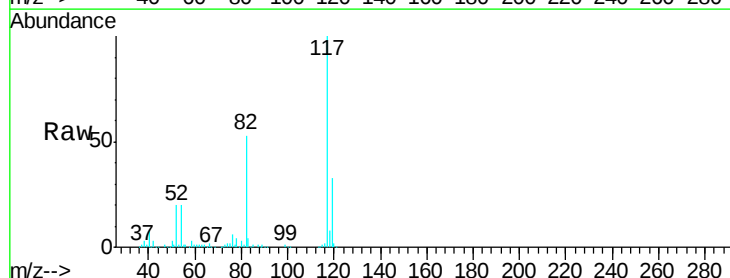
Tgt Ion: 117 Resp: 334248

Ion Ratio Lower Upper

117 100

82 53.3 40.8 61.2

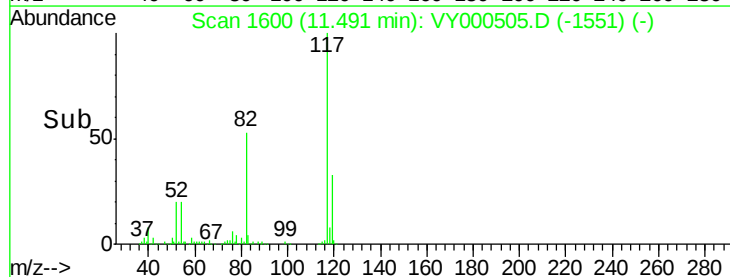
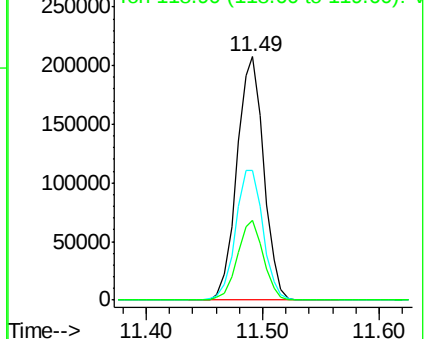
119 32.9 26.2 39.2

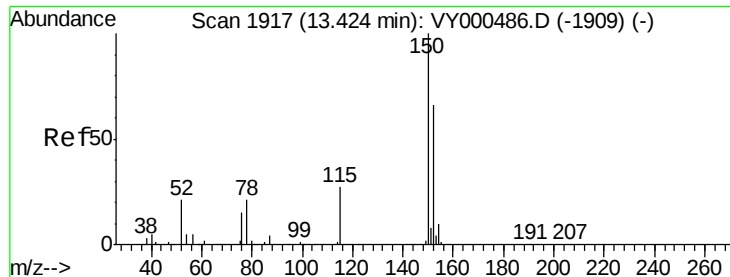


Abundance Ion 116.90 (116.60 to 117.60): VY000486.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY000486.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY000486.D (-1591) (-)

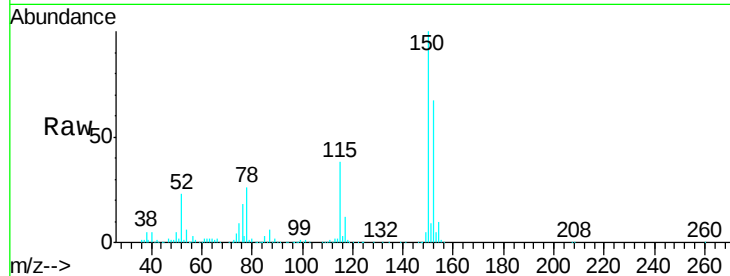




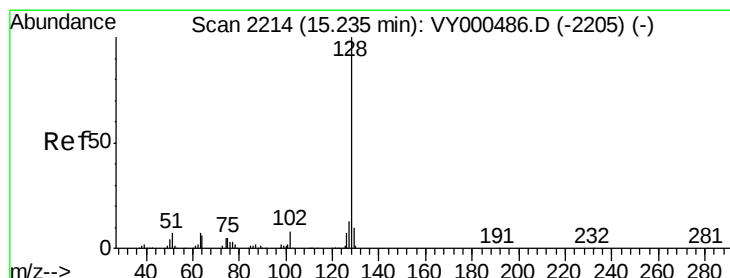
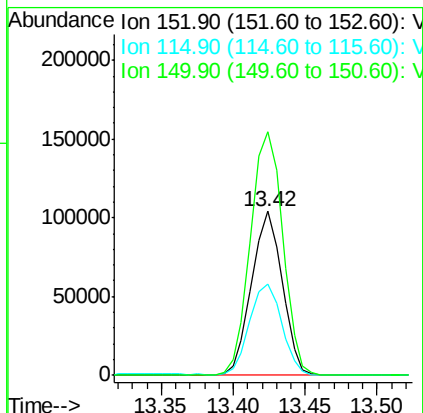
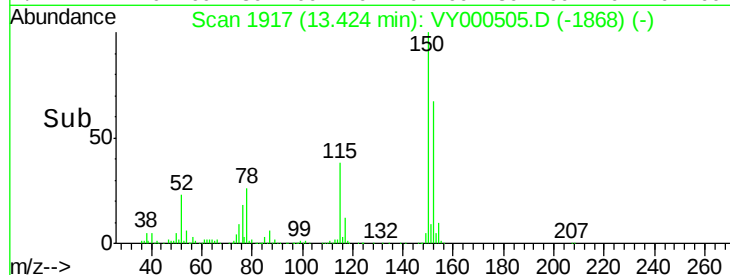
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000505.D
Acq: 31 Oct 2019 15:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.1	87.4
150	155.2	0.0	348.8



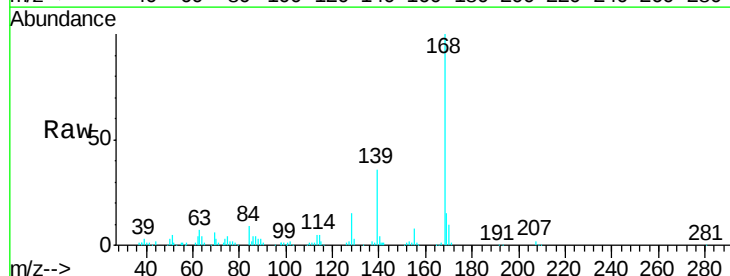
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.370 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000505.D
Acq: 31 Oct 2019 15:02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.2	9.8	14.6#
129	16.9	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

