

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000515.D
 Acq On : 31 Oct 2019 19:40
 Operator : SY/MD
 Sample : K5628-01RE
 Misc : 8.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

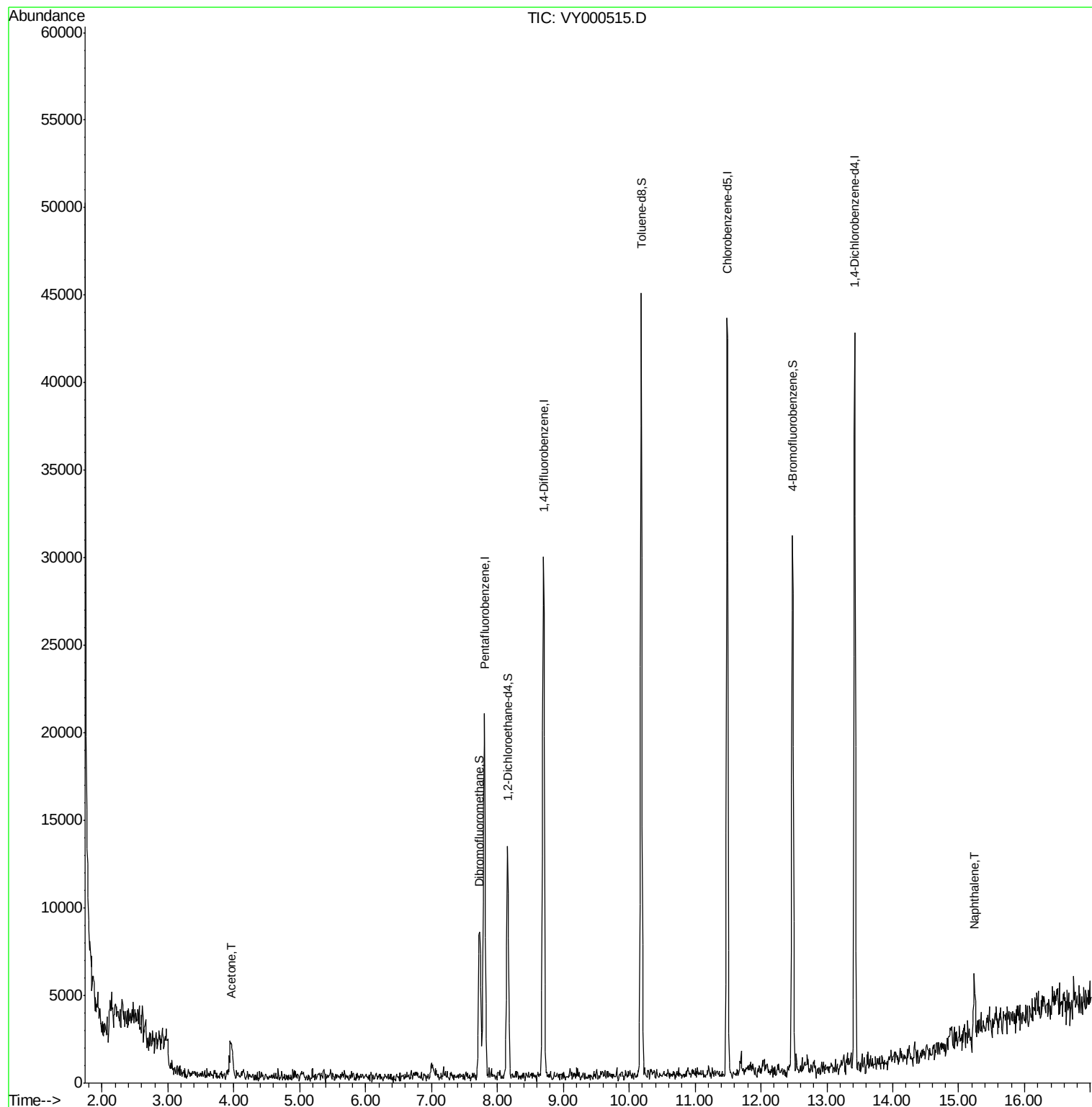
Quant Time: Nov 01 09:14:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

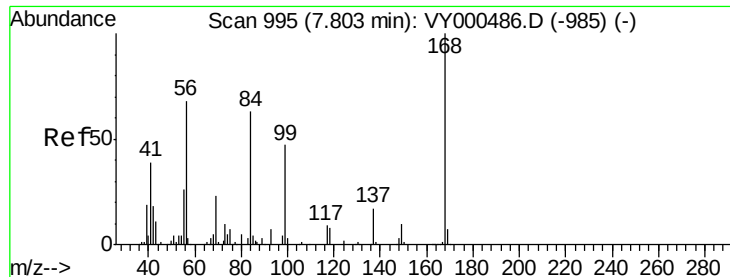
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	15584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	25023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	22743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	9903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	9877	61.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.48%	
35) Dibromofluoromethane	7.73	113	6243	42.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.00%	
50) Toluene-d8	10.18	98	28126	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.48	95	9817	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
Target Compounds						
16) Acetone	3.96	43	3535	79.529	ug/l #	83
95) Naphthalene	15.23	128	2075	4.654	ug/l #	90

(#) = 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: VY000515.D

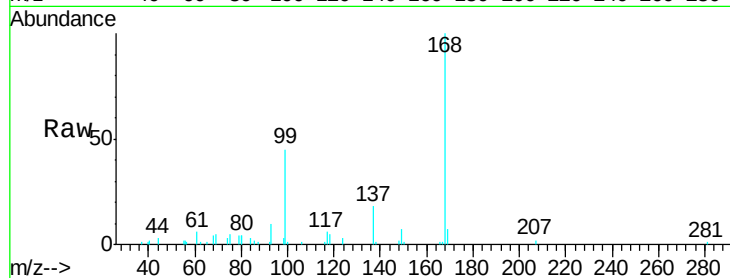
Acq: 31 Oct 2019 19:40

Tgt Ion: 168 Resp: 15584

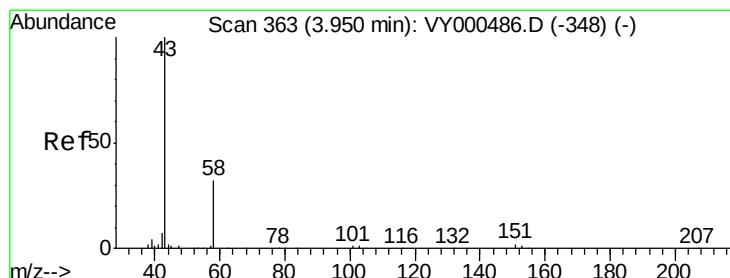
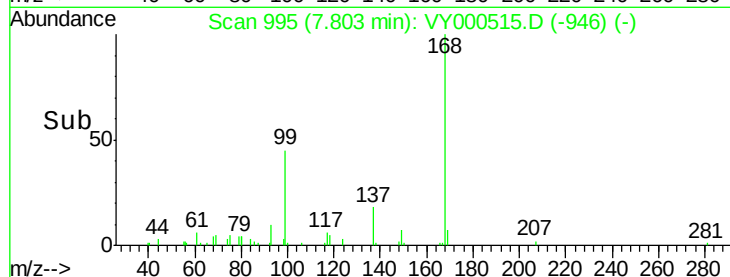
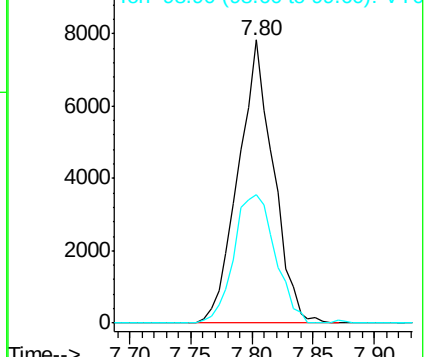
Ion Ratio Lower Upper

168 100

99 45.3 45.7 68.5#



Abundance Ion 167.90 (167.60 to 168.60): VY000515.D (-946) (-)



#16

Acetone

Concen: 79.529 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000515.D

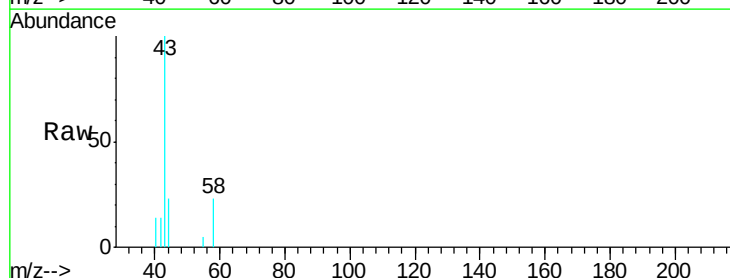
Acq: 31 Oct 2019 19:40

Tgt Ion: 43 Resp: 3535

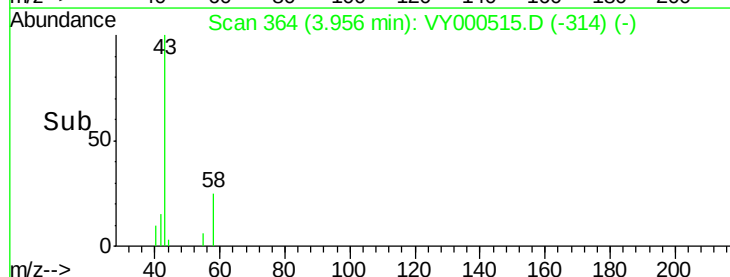
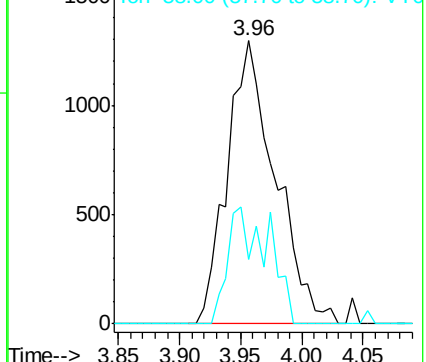
Ion Ratio Lower Upper

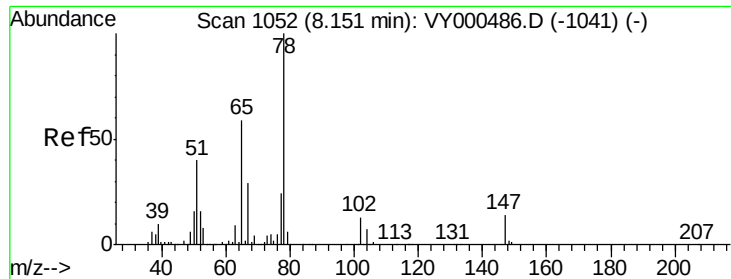
43 100

58 22.8 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000515.D (-314) (-)





#33

1,2-Dichloroethane-d4

Concen: 61.244 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000515.D

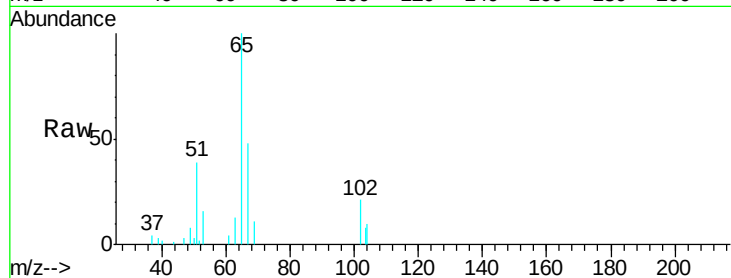
Acq: 31 Oct 2019 19:40

Tgt Ion: 65 Resp: 9877

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

4000

3000

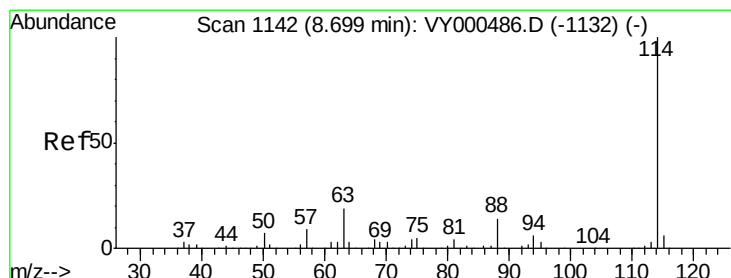
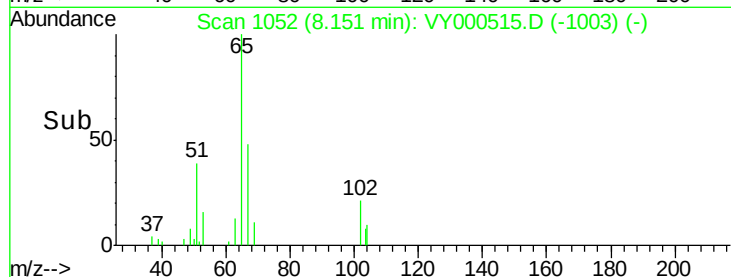
2000

1000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000515.D

Acq: 31 Oct 2019 19:40

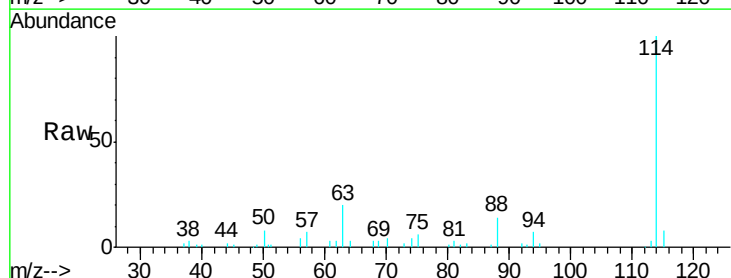
Tgt Ion: 114 Resp: 25023

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 13.6 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

8.70

15000

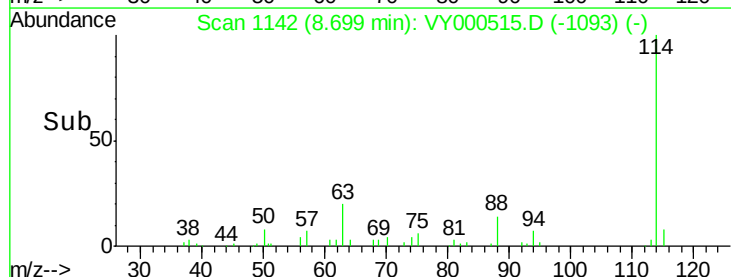
10000

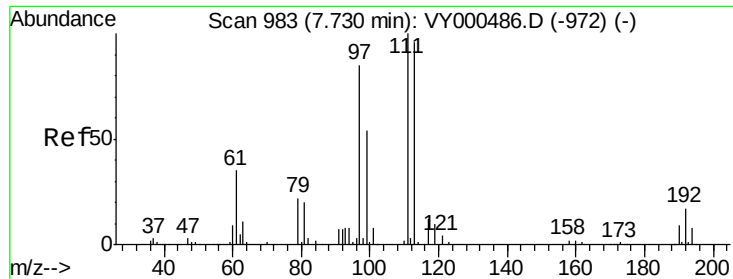
5000

0

8.60 8.65 8.70 8.75 8.80

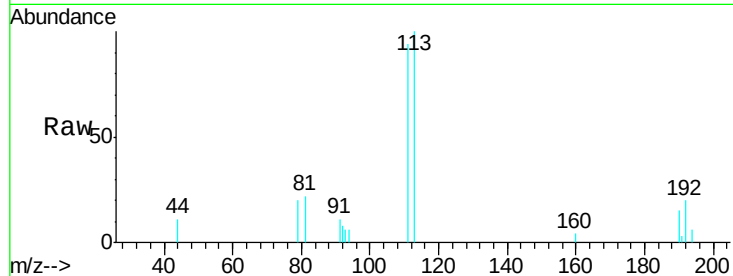
Time-->



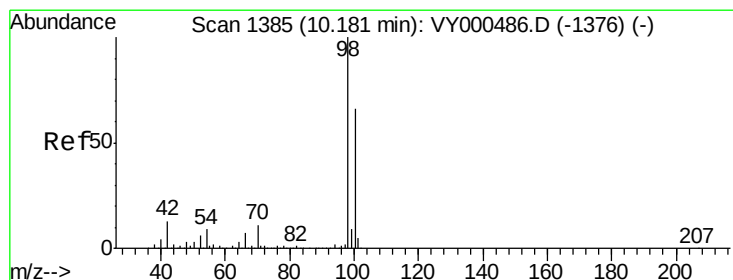
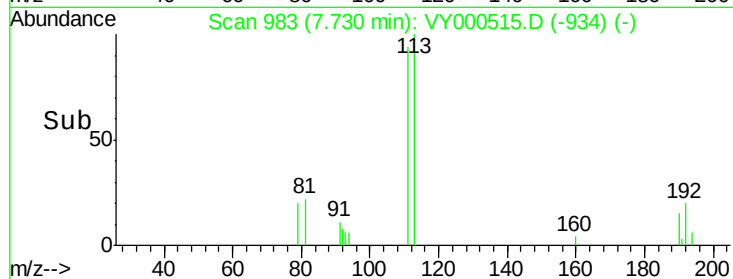
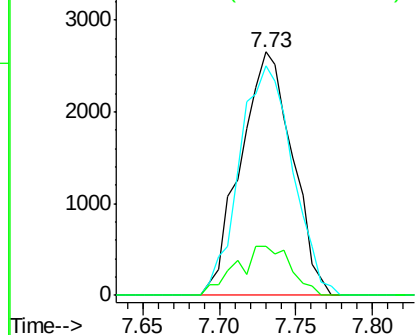


#35
 Dibromofluoromethane
 Concen: 42.498 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000515.D
 Acq: 31 Oct 2019 19:40

Tgt Ion: 113 Resp: 6243
 Ion Ratio Lower Upper
 113 100
 111 97.1 81.7 122.5
 192 21.1 15.0 22.4

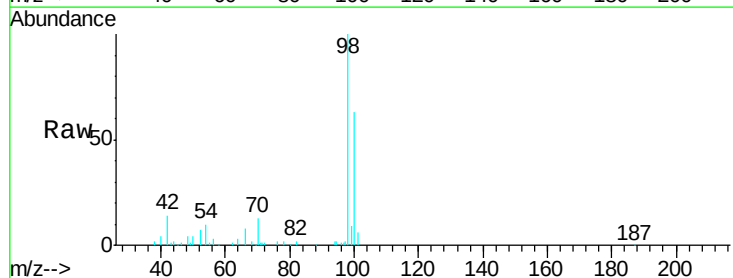


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

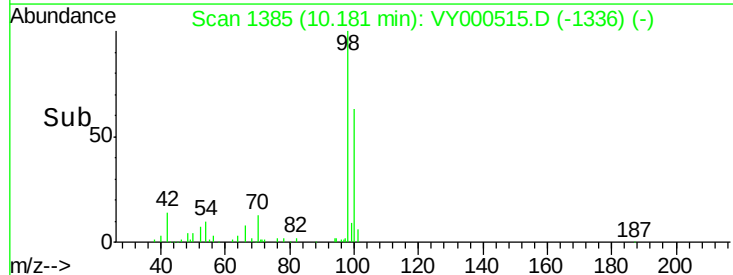
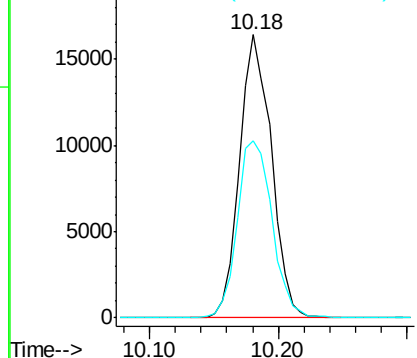


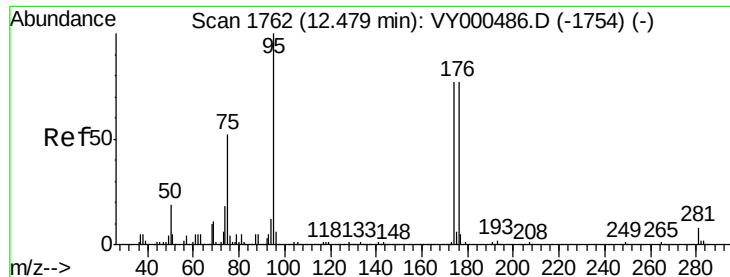
#50
 Toluene-d8
 Concen: 50.458 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000515.D
 Acq: 31 Oct 2019 19:40

Tgt Ion: 98 Resp: 28126
 Ion Ratio Lower Upper
 98 100
 100 68.4 52.9 79.3



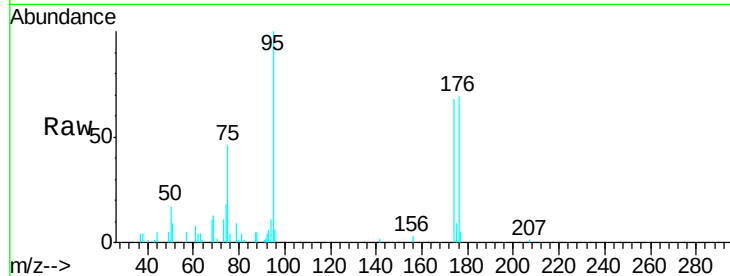
Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0



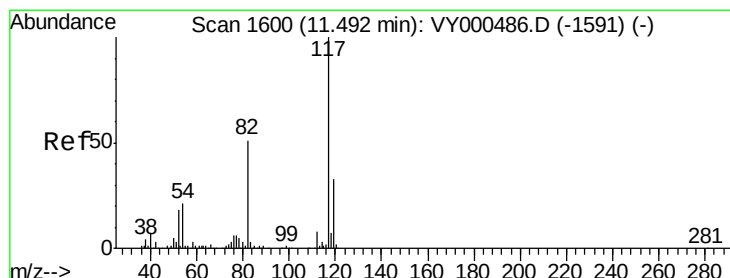
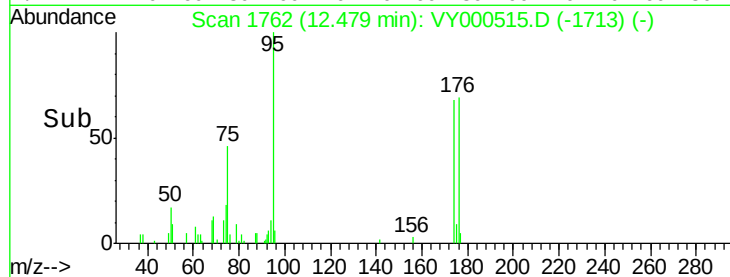
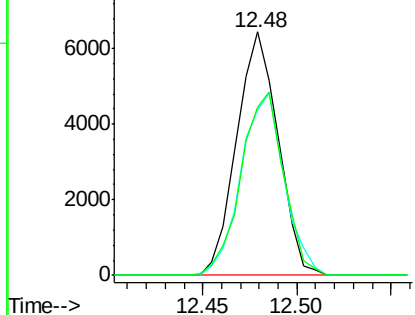


#62
4-Bromofluorobenzene
Concen: 46.262 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000515.D
Acq: 31 Oct 2019 19:40

Tgt Ion: 95 Resp: 9817
Ion Ratio Lower Upper
95 100
174 78.1 0.0 161.6
176 77.4 0.0 157.8

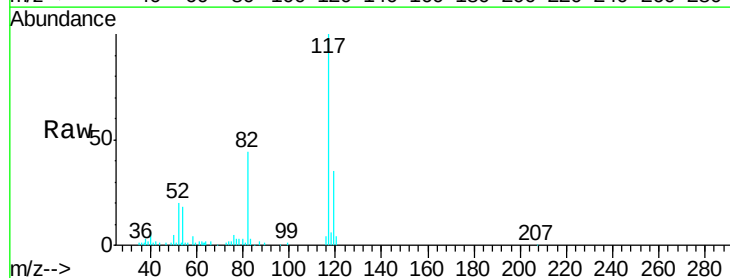


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

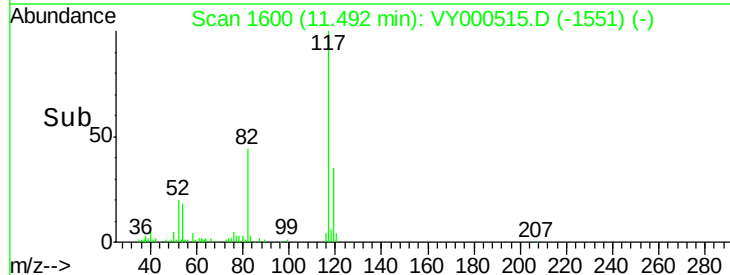
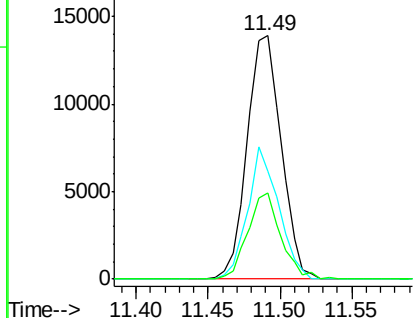


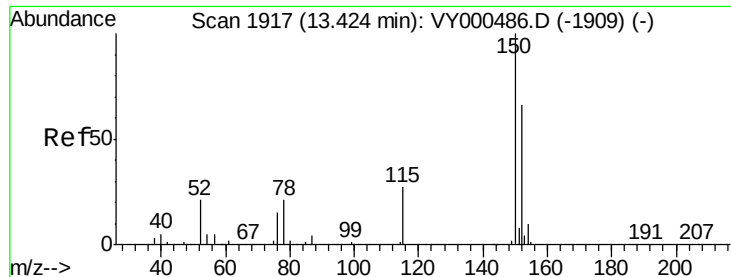
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000515.D
Acq: 31 Oct 2019 19:40

Tgt Ion: 117 Resp: 22743
Ion Ratio Lower Upper
117 100
82 44.4 40.8 61.2
119 35.3 26.2 39.2



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

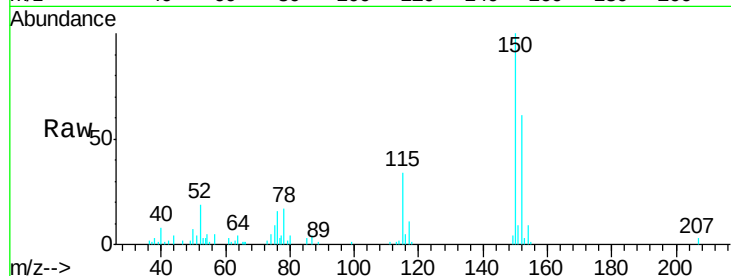




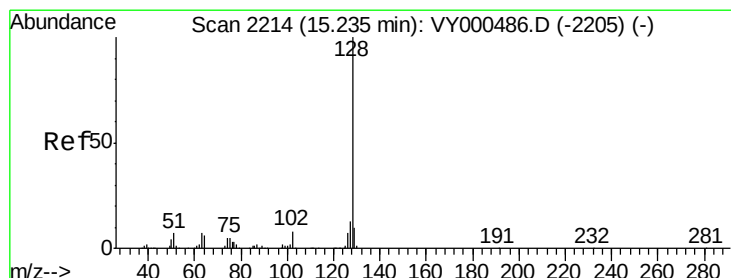
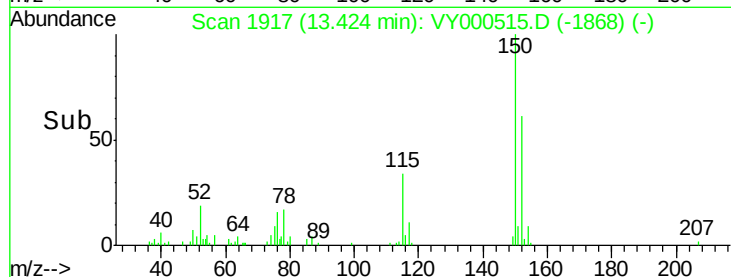
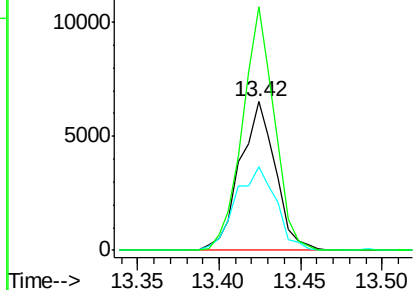
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000515.D
Acq: 31 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	29.1	87.4
150	146.8	0.0	348.8



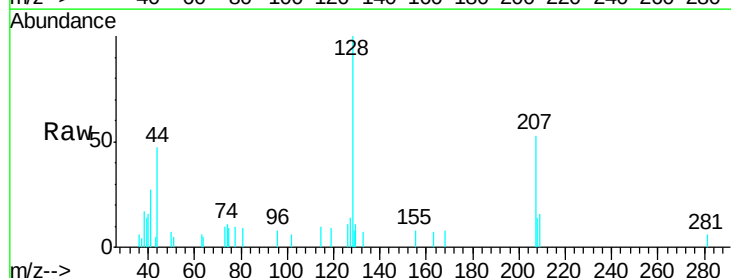
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.654 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000515.D
Acq: 31 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
128	100		
127	7.1	9.8	14.6#
129	13.8	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

