

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000501.D
 Acq On : 31 Oct 2019 13:29
 Operator : SY/MD
 Sample : K5143-05
 Misc : 6.50G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

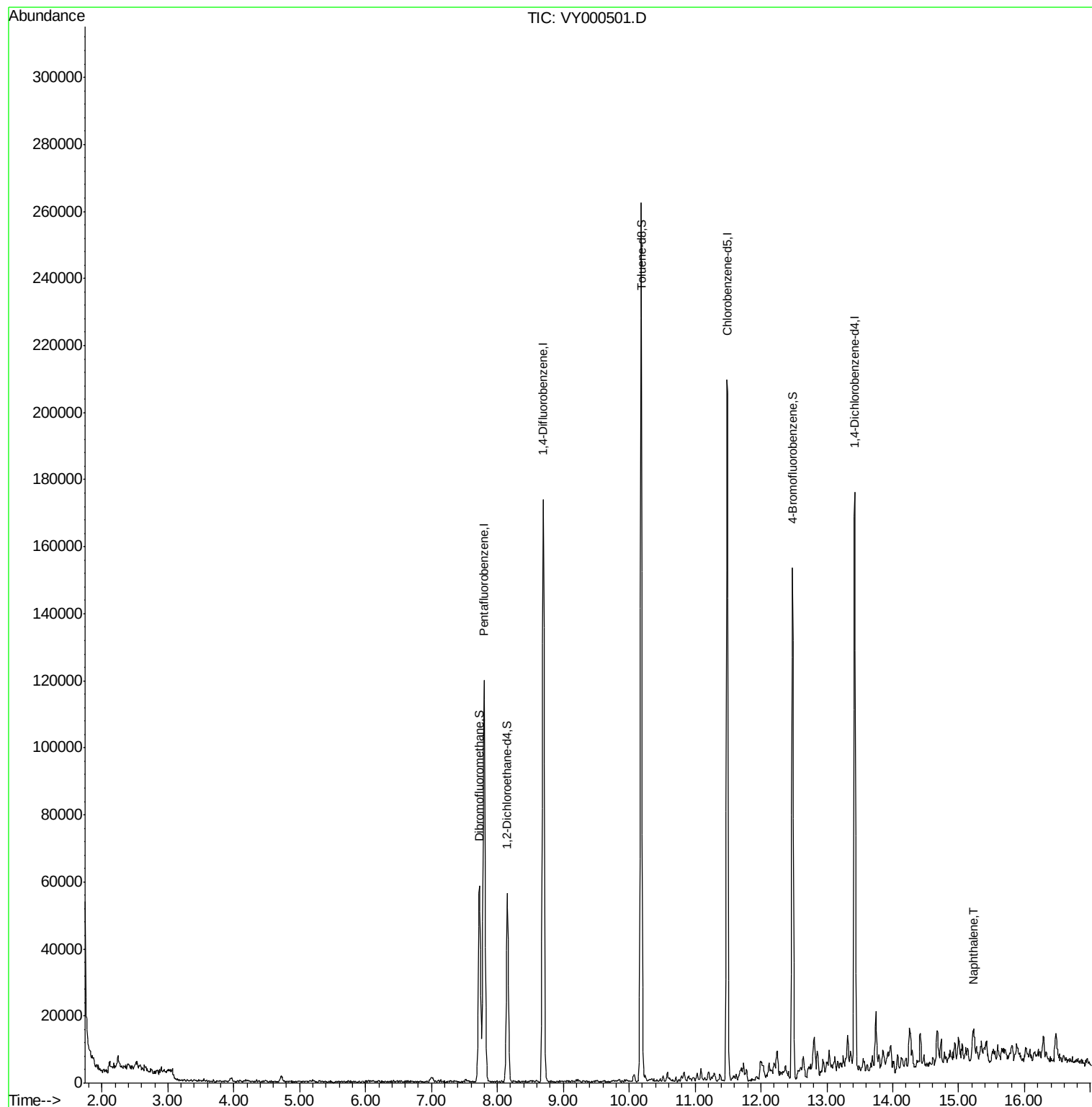
Quant Time: Nov 01 08:46:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

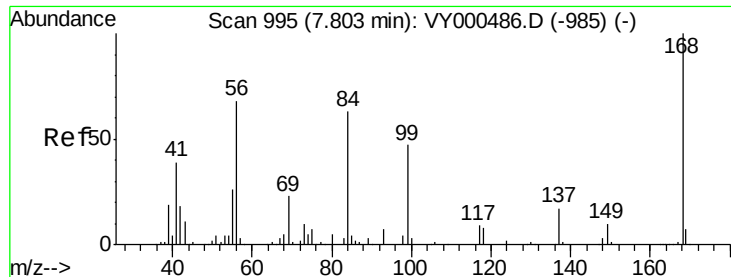
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	90252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	146488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	112905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	41002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	43686	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
35) Dibromofluoromethane	7.73	113	39595	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
50) Toluene-d8	10.18	98	164986	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.48	95	45406	36.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.10%	
Target Compounds						
95) Naphthalene	15.23	128	6448	3.493	ug/l	Qvalue 96

(#) = 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: VY000501.D

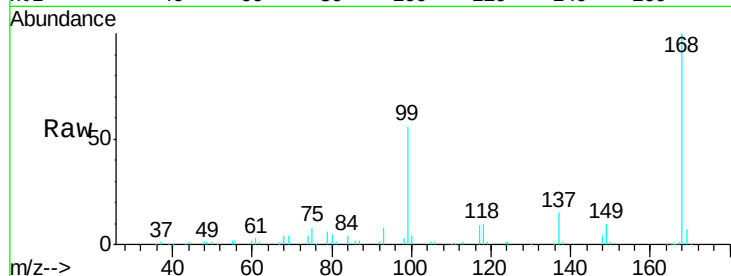
Acq: 31 Oct 2019 13:29

Tgt Ion: 168 Resp: 90252

Ion Ratio Lower Upper

168 100

99 56.1 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

40000

30000

20000

10000

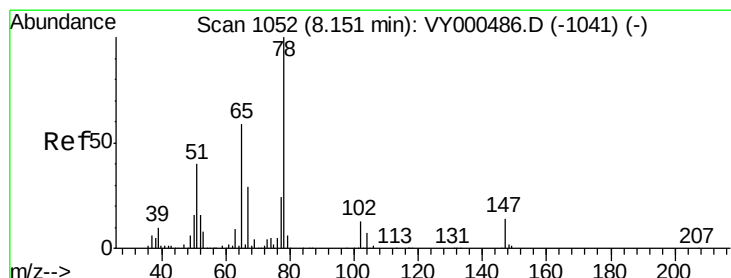
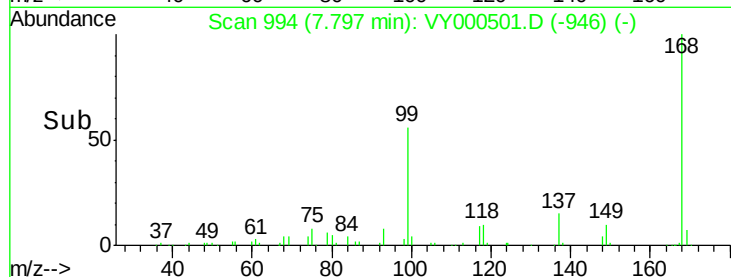
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 46.774 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000501.D

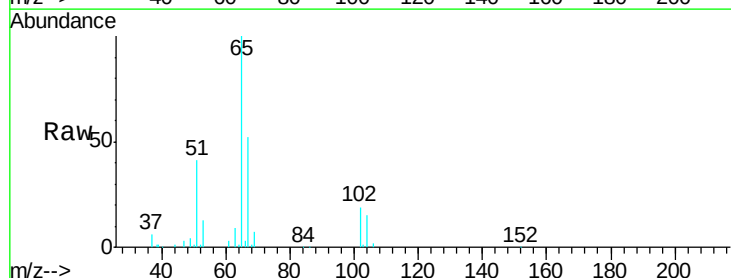
Acq: 31 Oct 2019 13:29

Tgt Ion: 65 Resp: 43686

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

20000

15000

10000

5000

0

Time-->

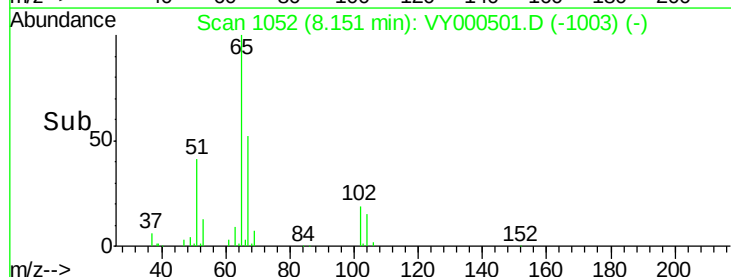
8.05

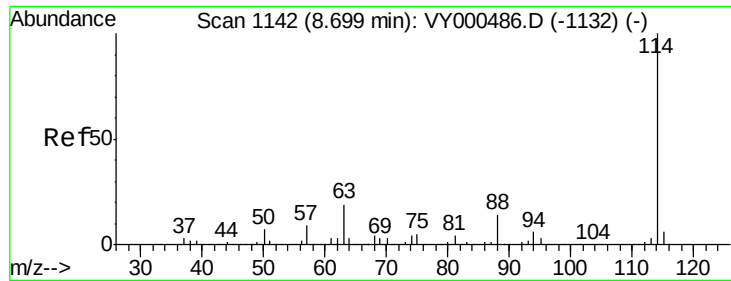
8.10

8.15

8.20

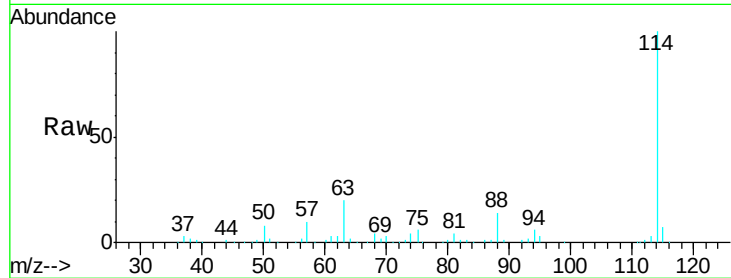
8.25



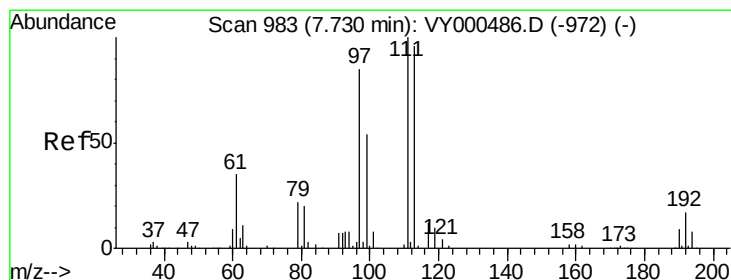
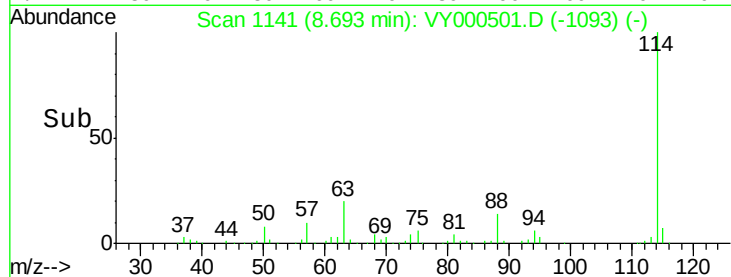
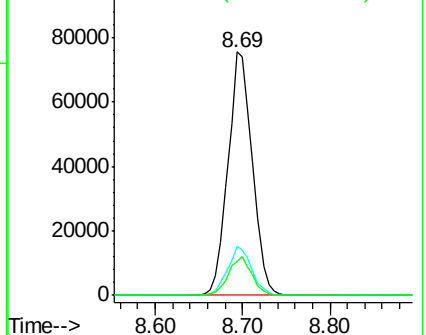


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000501.D
 Acq: 31 Oct 2019 13:29

Tgt Ion:114 Resp: 146488
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.0
 88 13.7 0.0 28.6

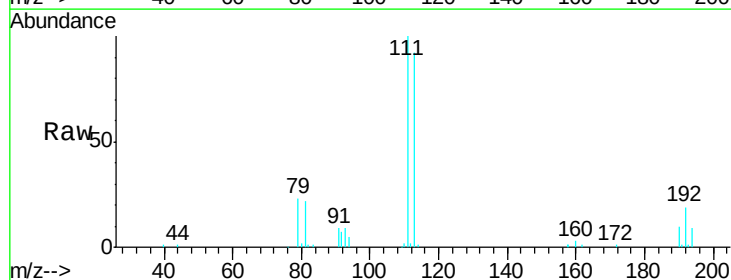


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

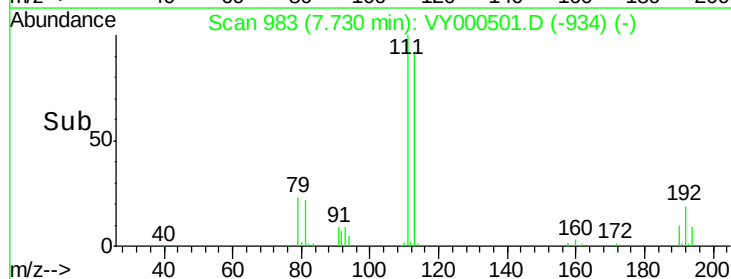
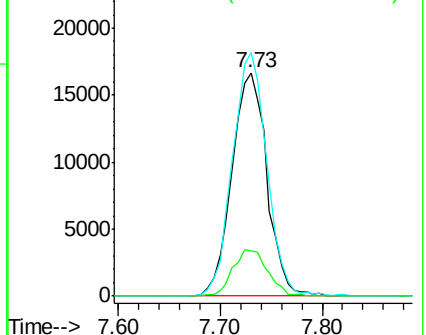


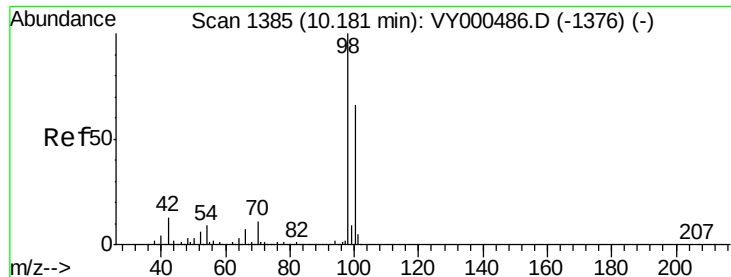
#35
 Dibromofluoromethane
 Concen: 46.042 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000501.D
 Acq: 31 Oct 2019 13:29

Tgt Ion:113 Resp: 39595
 Ion Ratio Lower Upper
 113 100
 111 107.1 81.7 122.5
 192 20.7 15.0 22.4



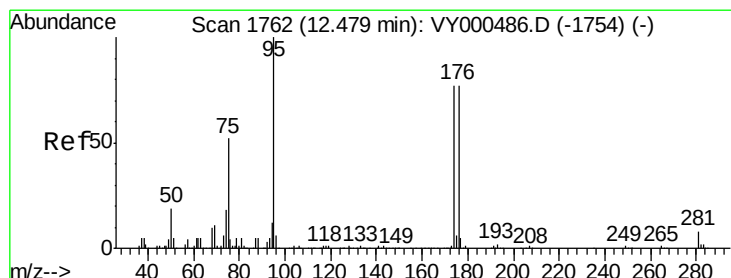
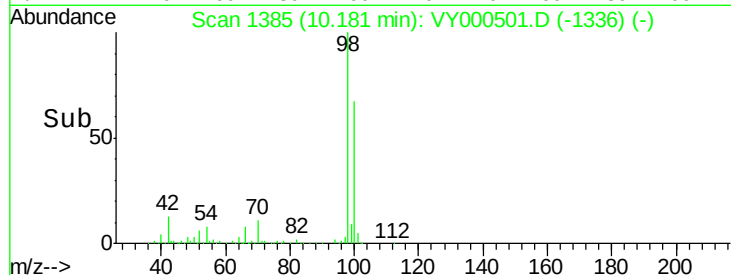
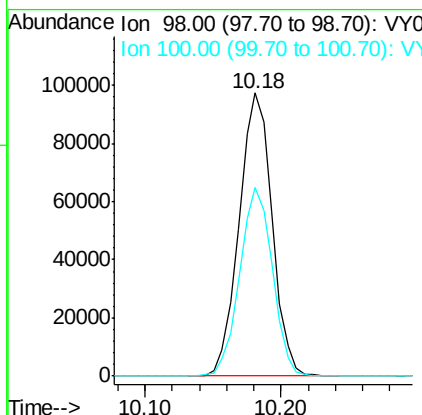
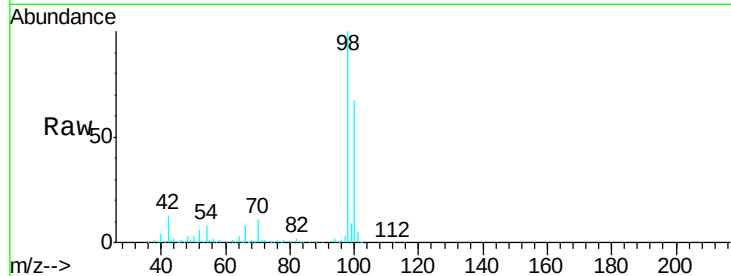
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





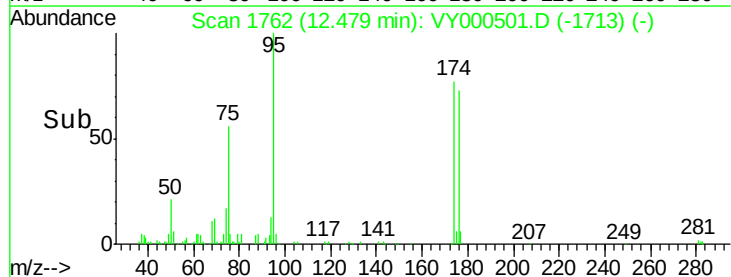
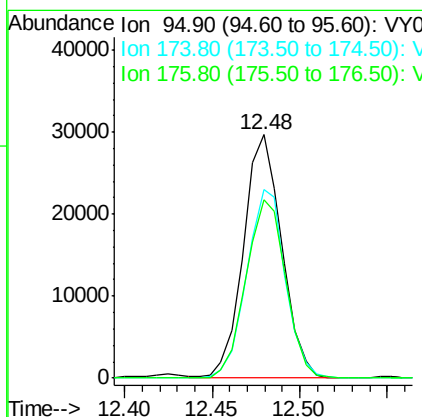
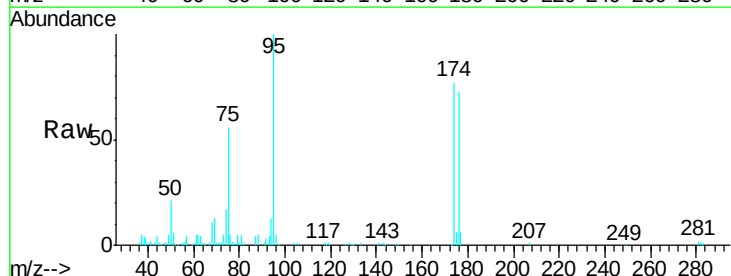
#50
Toluene-d8
Concen: 50.560 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

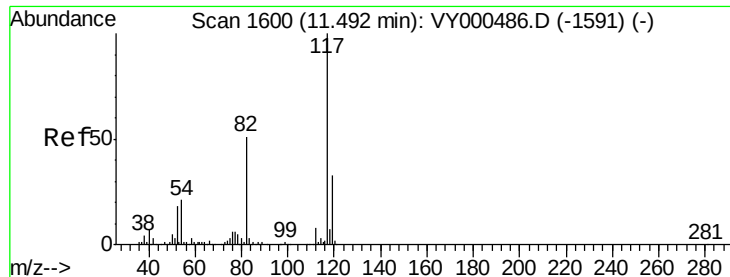
Tgt Ion: 98 Resp: 164986
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 36.551 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

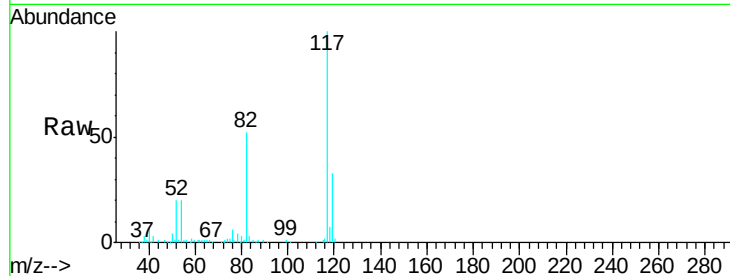
Tgt Ion: 95 Resp: 45406
Ion Ratio Lower Upper
95 100
174 78.3 0.0 161.6
176 75.7 0.0 157.8



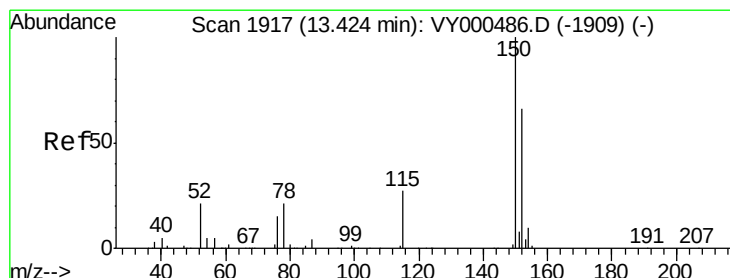
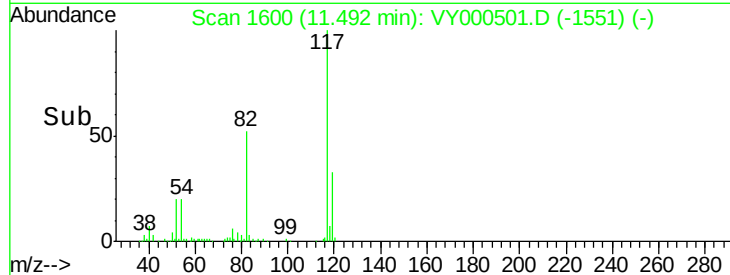
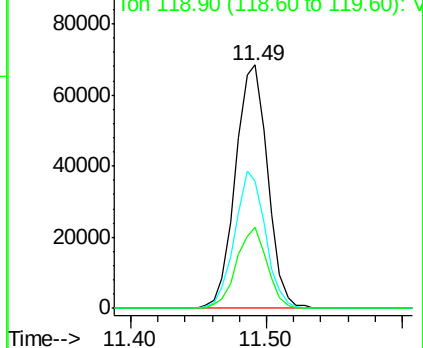


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:117 Resp: 112905
Ion Ratio Lower Upper
117 100
82 52.3 40.8 61.2
119 33.3 26.2 39.2

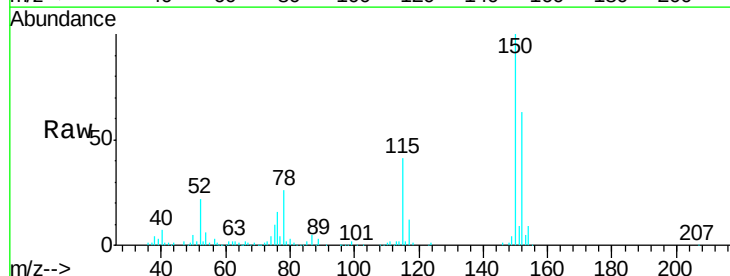


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

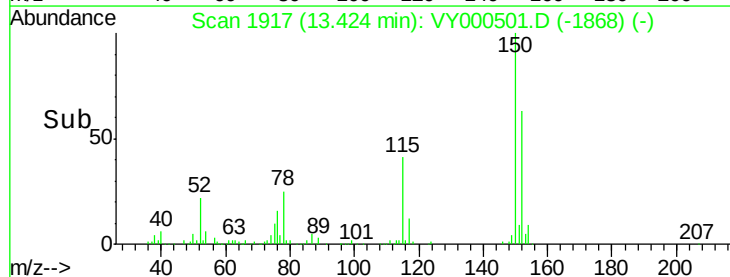
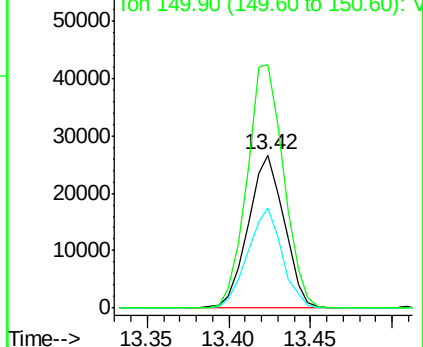


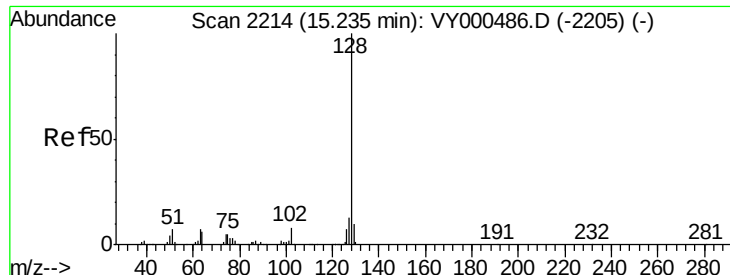
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000501.D
Acq: 31 Oct 2019 13:29

Tgt Ion:152 Resp: 41002
Ion Ratio Lower Upper
152 100
115 62.5 29.1 87.4
150 162.3 0.0 348.8



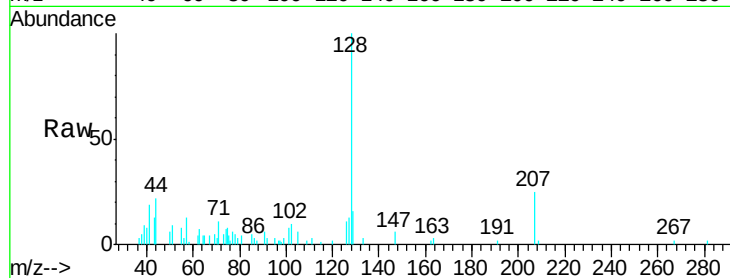
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
 Naphthalene
 Concen: 3.493 ug/l
 RT: 15.23 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: VY000501.D
 Acq: 31 Oct 2019 13:29

Tgt Ion:	128	Resp:	6448
Ion	Ratio	Lower	Upper
128	100		
127	13.5	9.8	14.6
129	12.7	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

