

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000510.D
 Acq On : 31 Oct 2019 17:44
 Operator : SY/MD
 Sample : K5138-01
 Misc : 8.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 01 09:04:58 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	206471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	360327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	309160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125758	50.00	ug/l	0.00

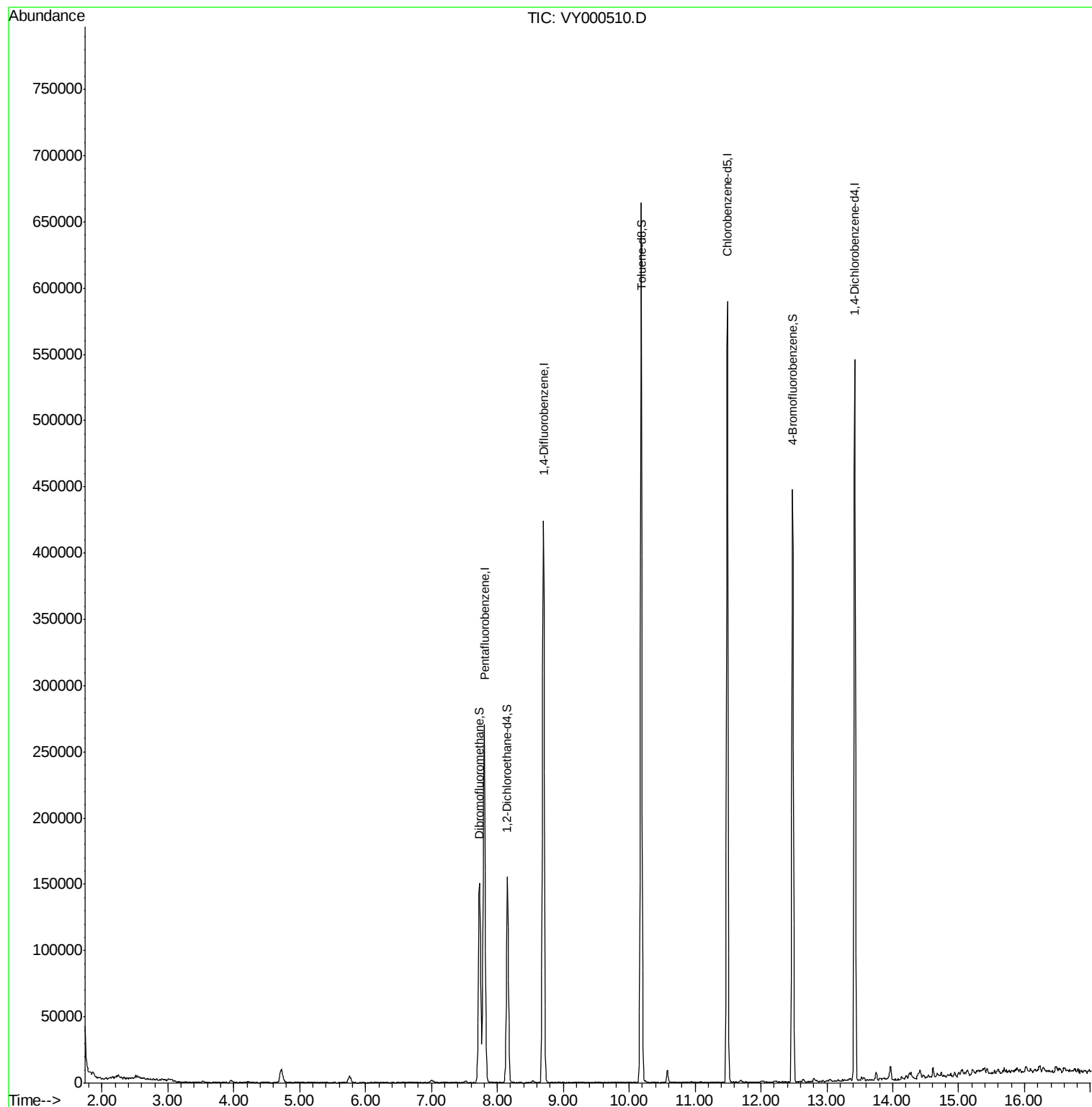
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	119688	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
35) Dibromofluoromethane	7.73	113	106210	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.18	98	414452	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.48	95	131238	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	

Target Compounds	Qvalue

(#) = 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: VY000510.D

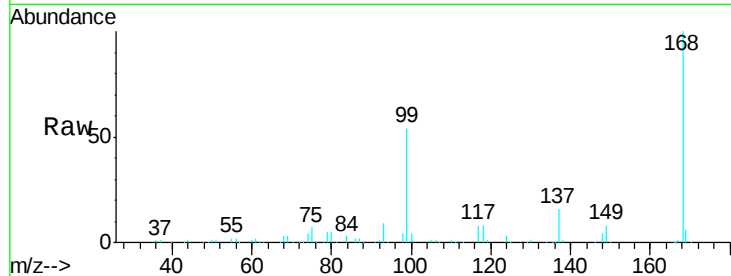
Acq: 31 Oct 2019 17:44

Tgt Ion: 168 Resp: 206471

Ion Ratio Lower Upper

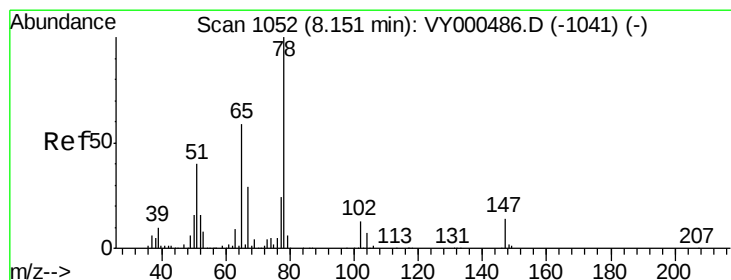
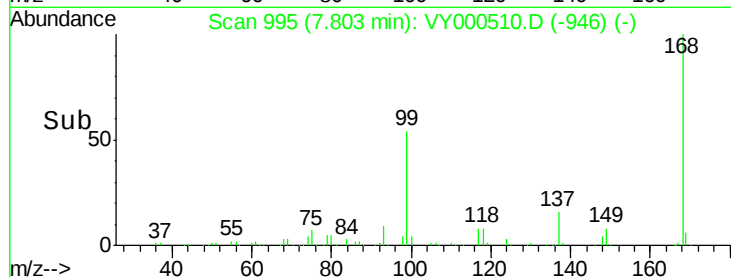
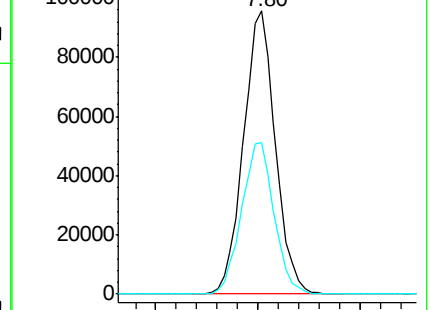
168 100

99 53.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000510.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000510.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.015 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000510.D

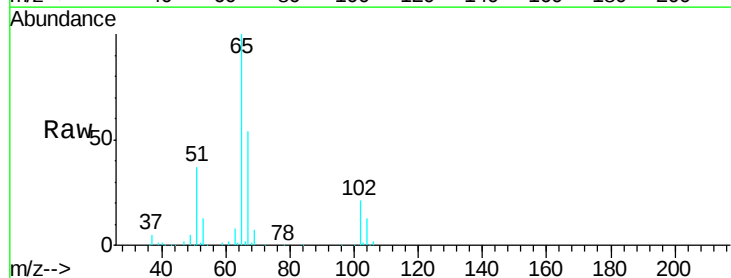
Acq: 31 Oct 2019 17:44

Tgt Ion: 65 Resp: 119688

Ion Ratio Lower Upper

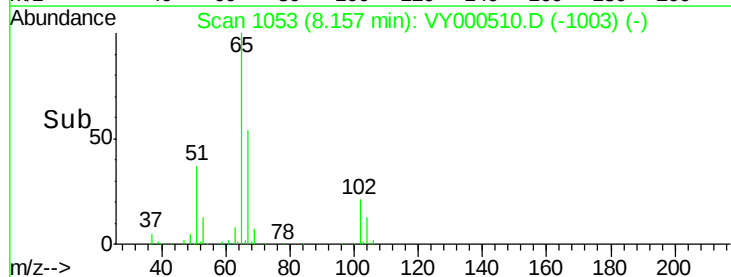
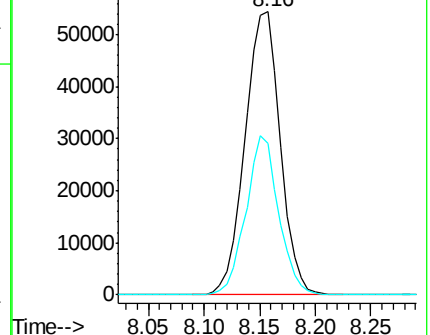
65 100

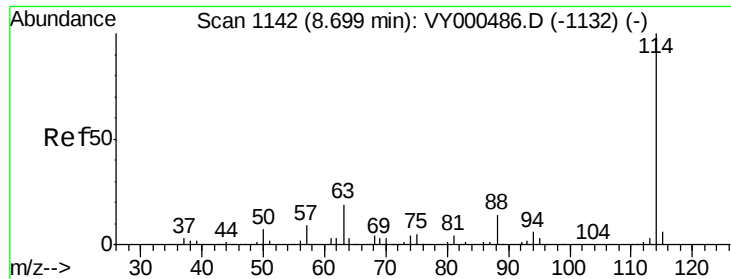
67 52.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000510.D (-1003) (-)

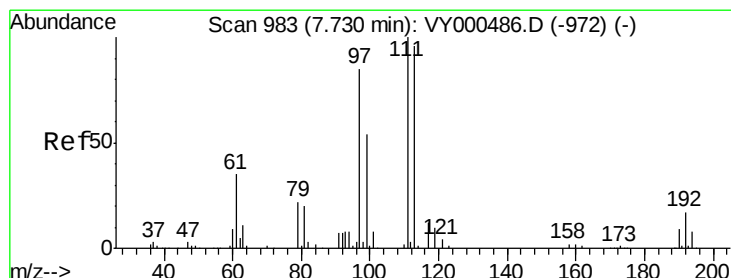
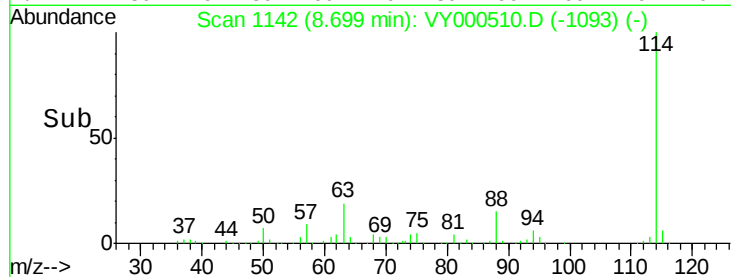
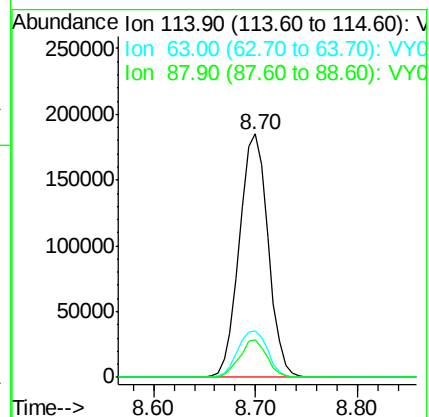
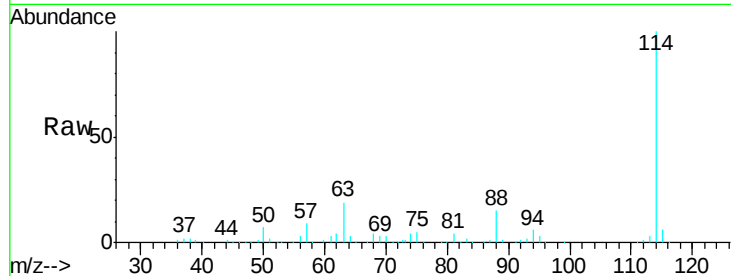
Ion 66.90 (66.60 to 67.60): VY000510.D (-1003) (-)





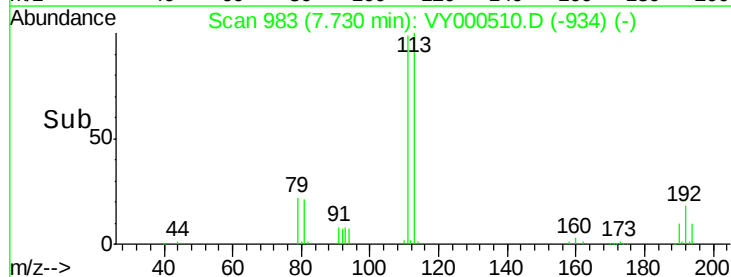
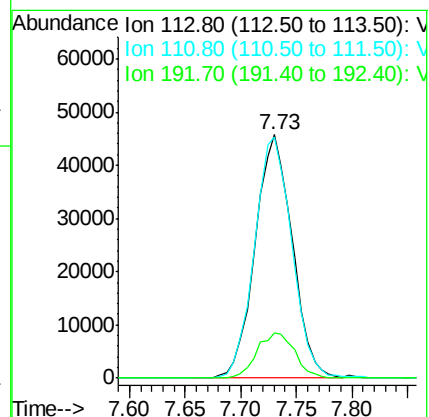
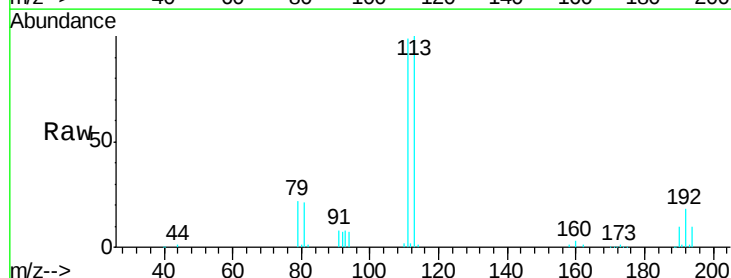
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

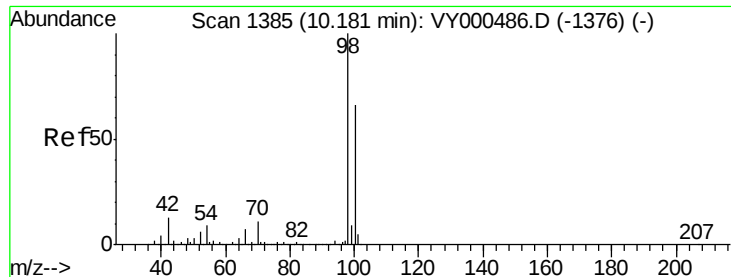
Tgt Ion:	114	Resp:	360327
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.0
88	15.4	0.0	28.6



#35
Dibromofluoromethane
Concen: 50.209 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

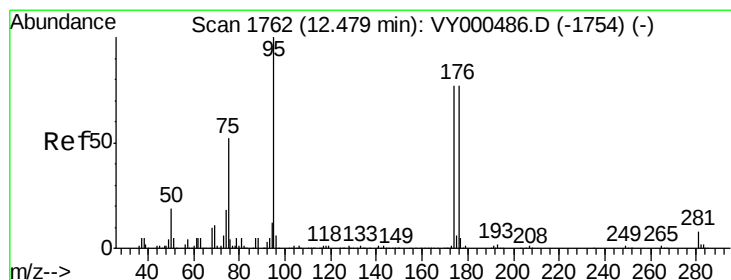
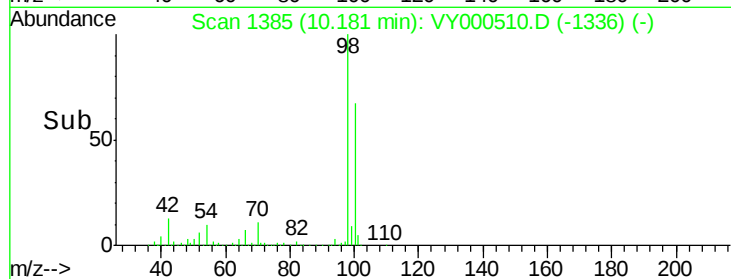
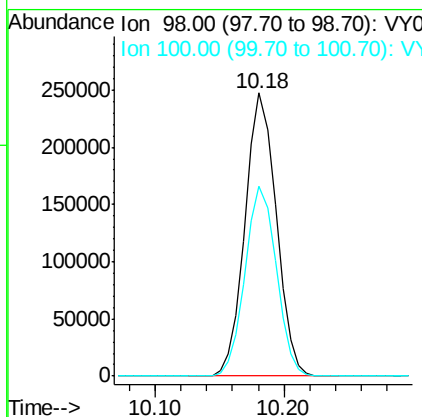
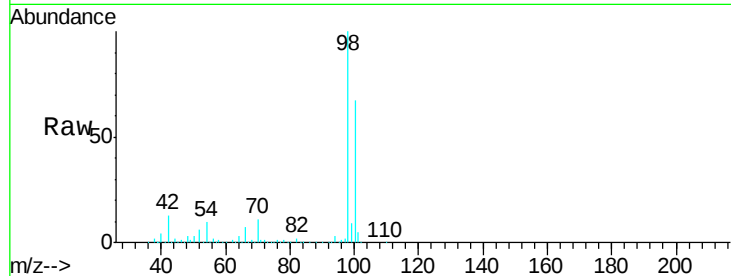
Tgt Ion:	113	Resp:	106210
Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.7	122.5
192	18.8	15.0	22.4





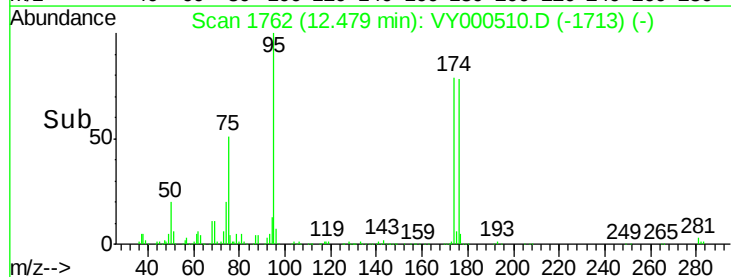
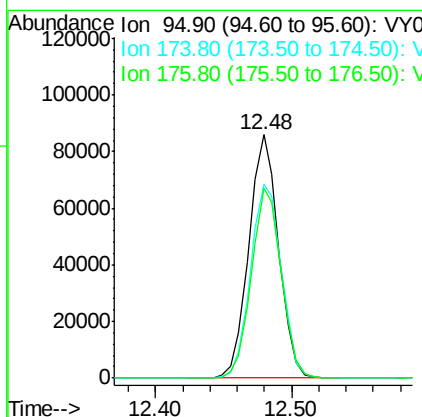
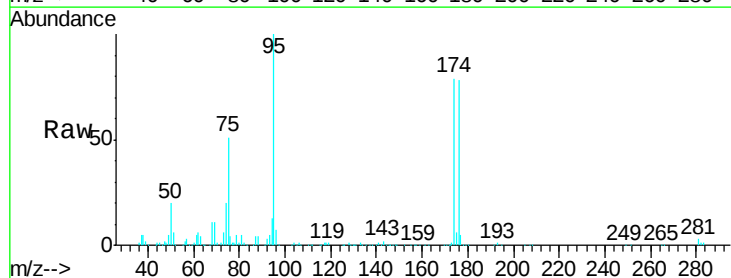
#50
Toluene-d8
Concen: 51.635 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion: 98 Resp: 414452
Ion Ratio Lower Upper
98 100
100 66.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 42.949 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

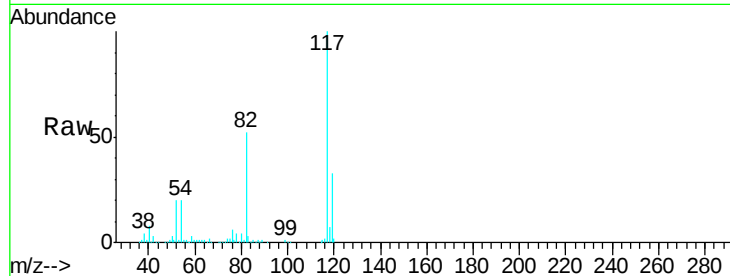
Tgt Ion: 95 Resp: 131238
Ion Ratio Lower Upper
95 100
174 82.8 0.0 161.6
176 78.8 0.0 157.8



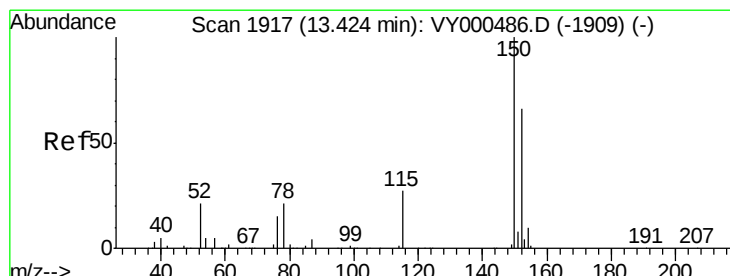
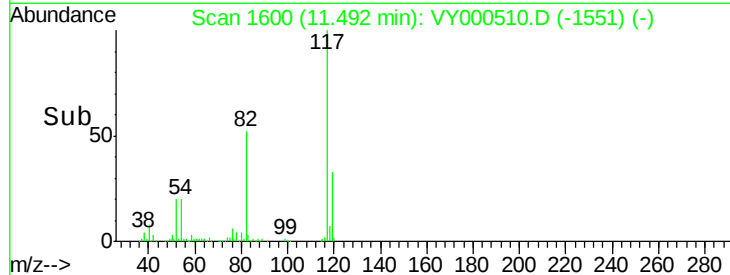
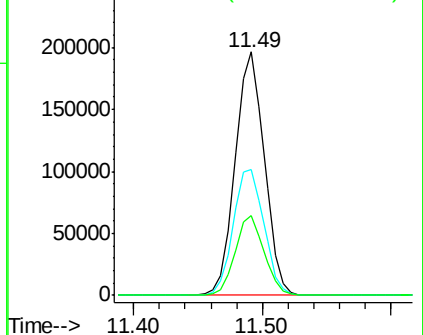


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion:117 Resp: 309160
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 33.0 26.2 39.2

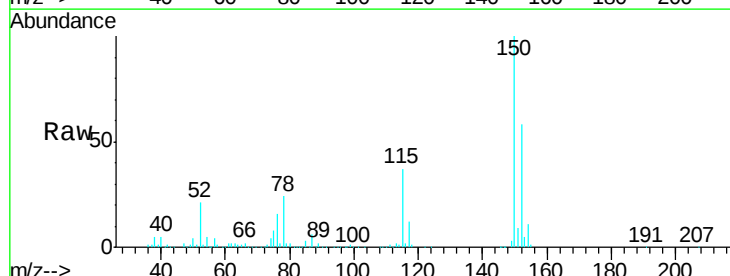


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000510.D
Acq: 31 Oct 2019 17:44

Tgt Ion:152 Resp: 125758
Ion Ratio Lower Upper
152 100
115 59.5 29.1 87.4
150 162.4 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

