

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059505.D
 Acq On : 29 Jun 2018 21:34
 Operator : VA/AP
 Sample : J3774-04
 Misc : 5.41g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 30 02:07:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	933080	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.69	114	1297098	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	1078852	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	580467	50.00	ug/l	0.00

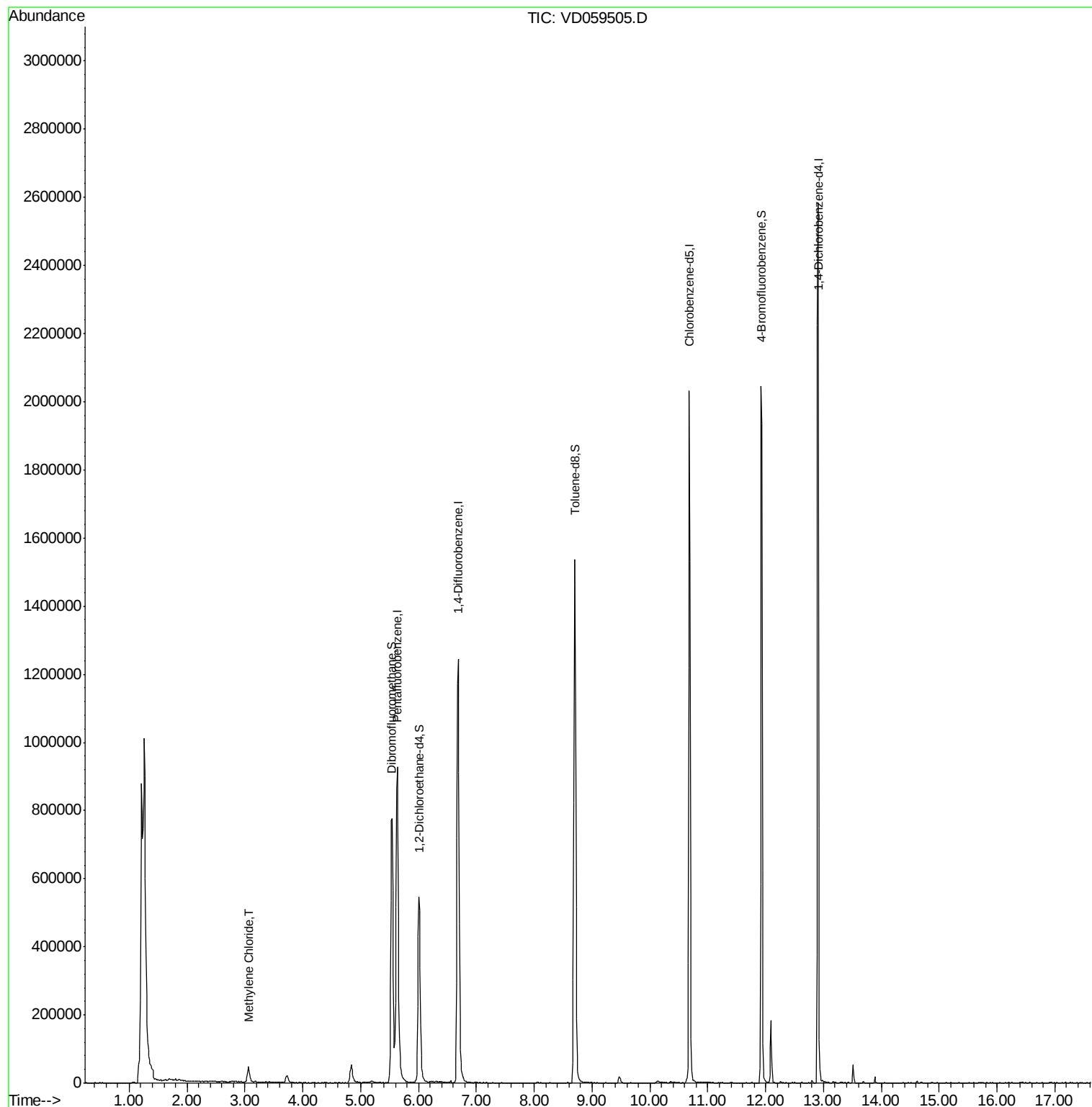
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	556622	58.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	116.66%	
35) Dibromofluoromethane	5.53	113	632148	59.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	119.66%	
50) Toluene-d8	8.70	98	1273621	51.57	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.92	95	571090	55.59	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.18%	

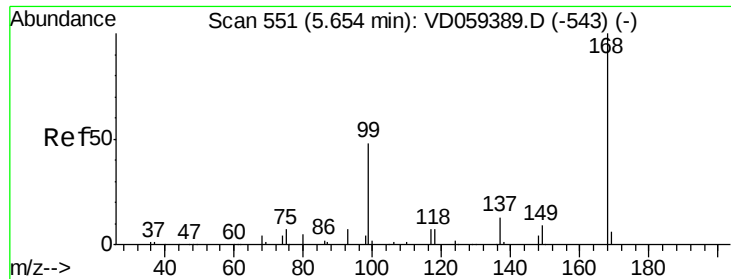
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.06	84	20980	3.99	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059505.D

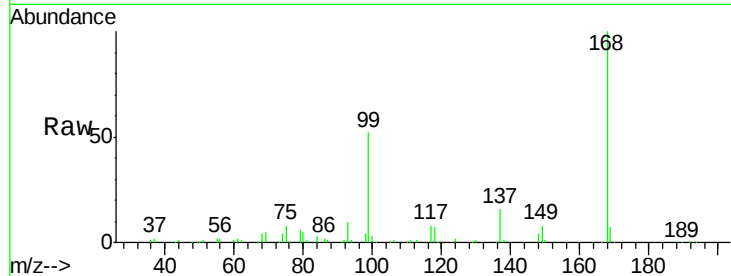
Acq: 29 Jun 2018 21:34

Tot Ion:168 Resp: 933080

Ion Ratio Lower Upper

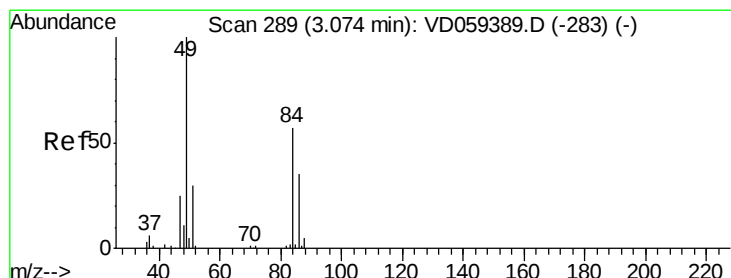
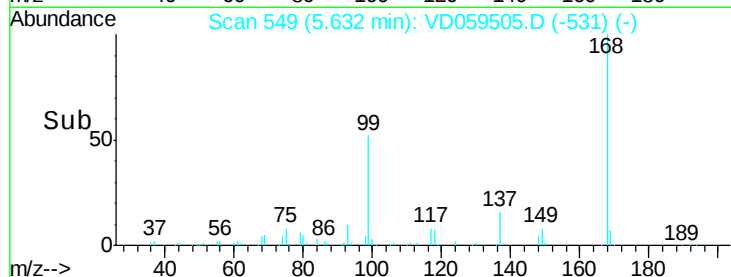
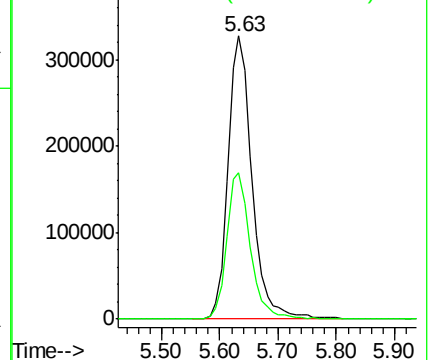
168 100

99 51.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.99 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.01 min

Lab File: VD059505.D

Acq: 29 Jun 2018 21:34

Tgt Ion: 84 Resp: 20980

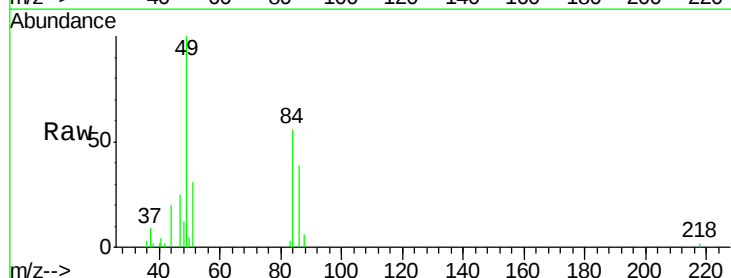
Ion Ratio Lower Upper

84 100

49 177.5 140.3 210.5

51 54.5 41.6 62.4

86 68.9 49.4 74.2

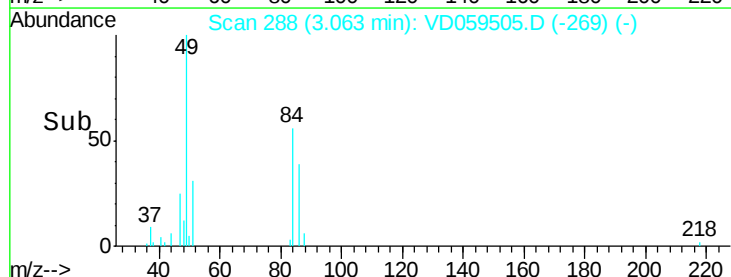
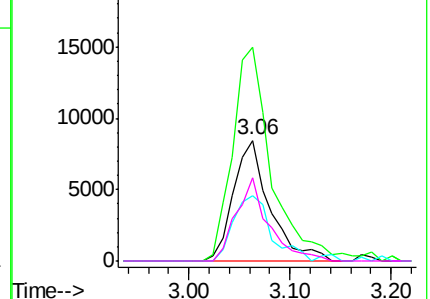


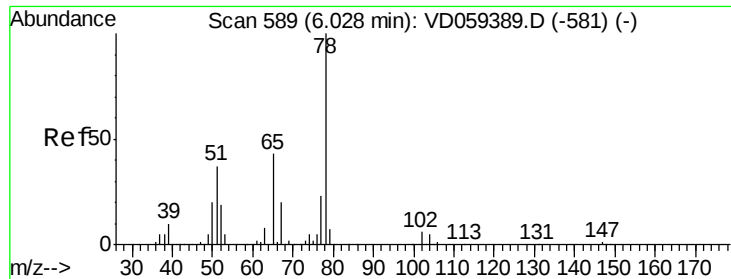
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

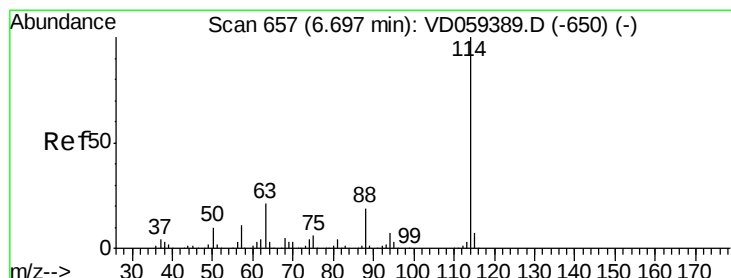
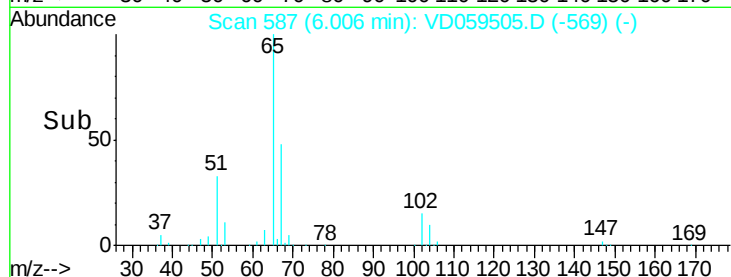
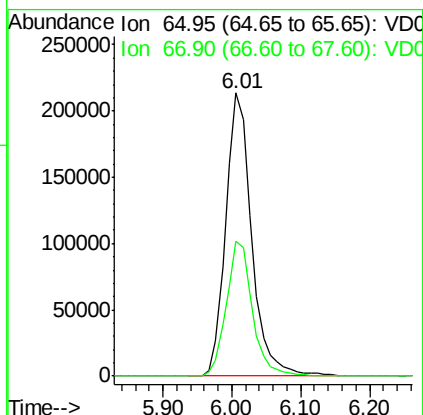
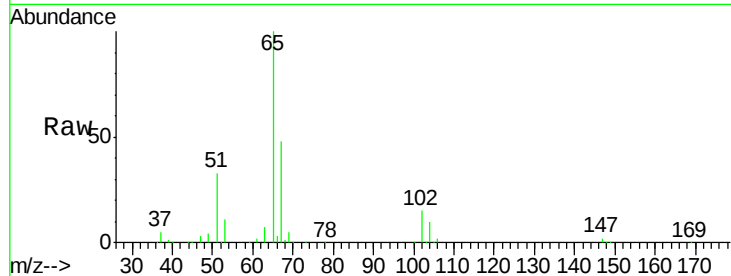
Ion 85.90 (85.60 to 86.60): VDC





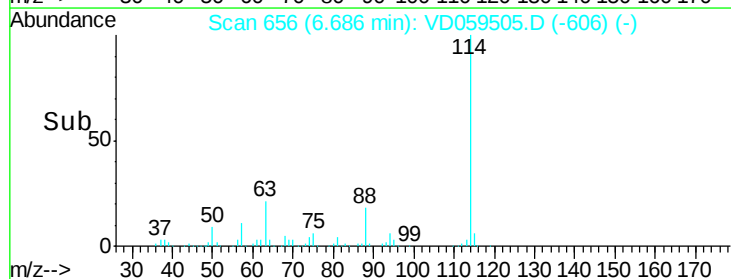
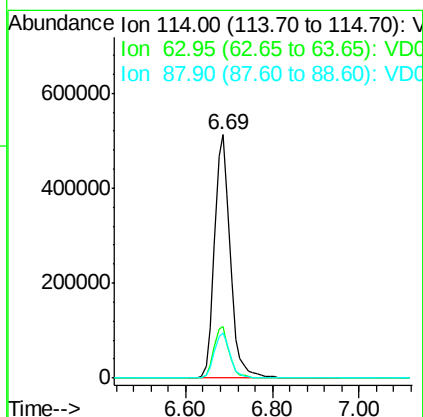
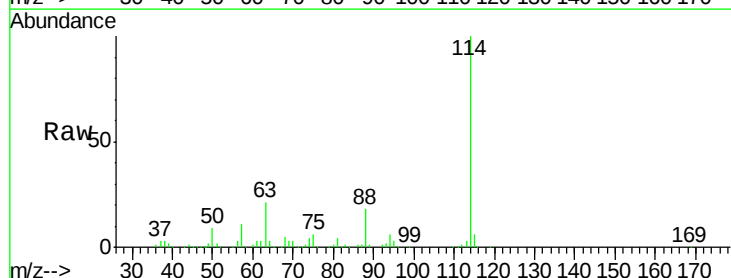
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.01 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VD059505.D
 Acq: 29 Jun 2018 21:34

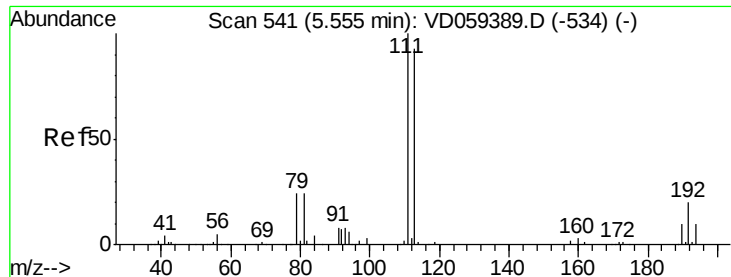
Tot Ion: 65 Resp: 556622
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD059505.D
 Acq: 29 Jun 2018 21:34

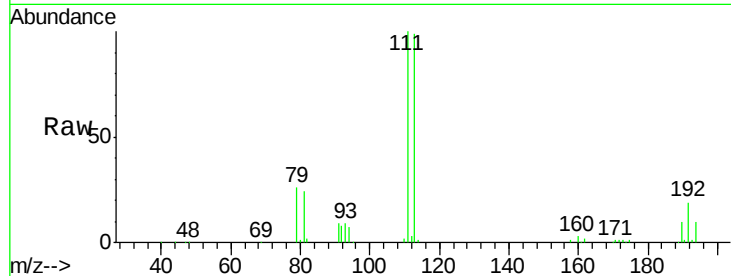
Tgt Ion: 114 Resp: 1297098
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.4
 88 18.4 0.0 38.0



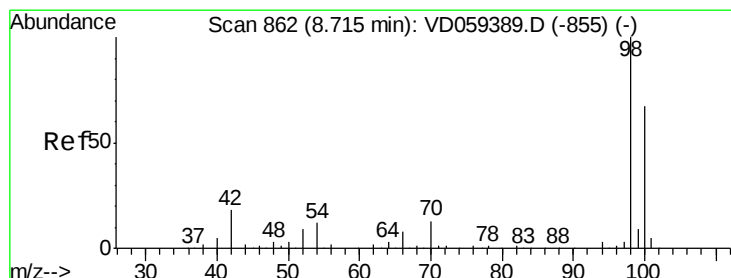
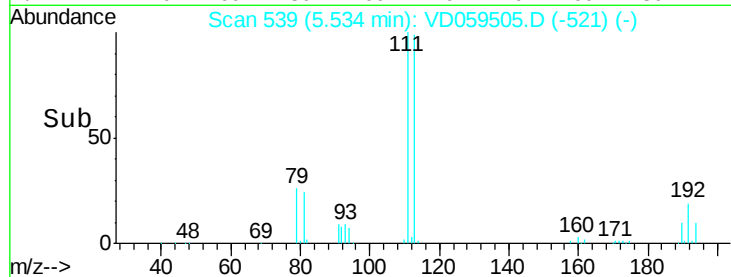
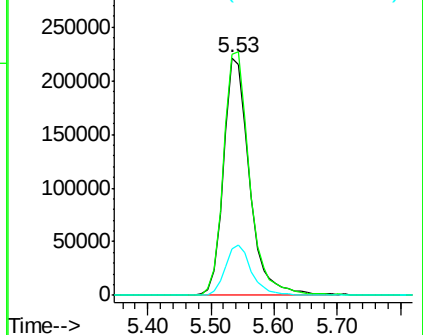


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.02 min
Lab File: VD059505.D
Acq: 29 Jun 2018 21:34

Tot Ion:113 Resp: 632148
Ion Ratio Lower Upper
113 100
111 101.5 85.7 128.5
192 19.6 16.9 25.3

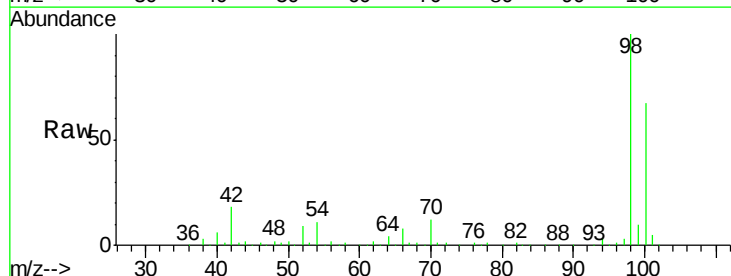


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

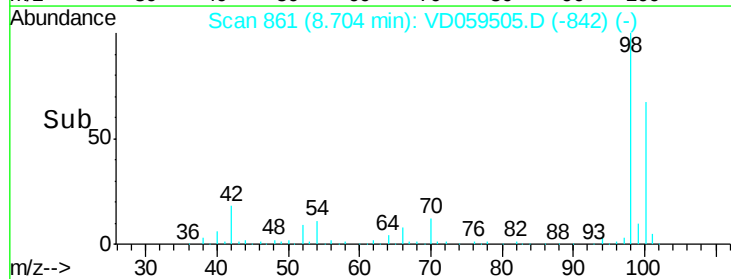
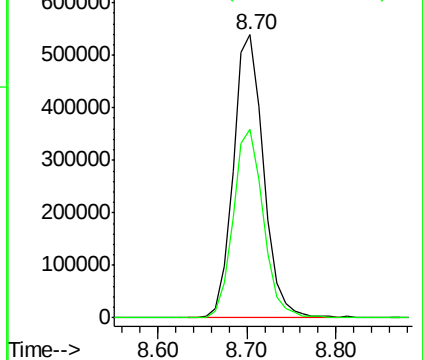


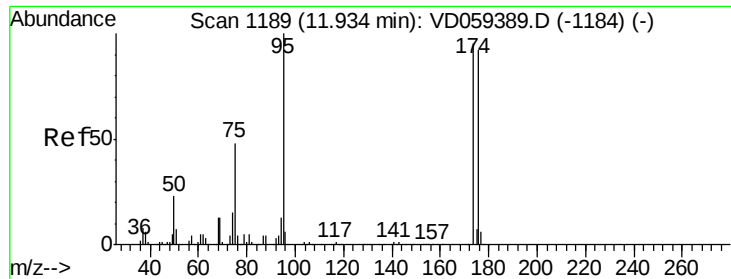
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD059505.D
Acq: 29 Jun 2018 21:34

Tgt Ion: 98 Resp: 1273621
Ion Ratio Lower Upper
98 100
100 66.7 54.4 81.6



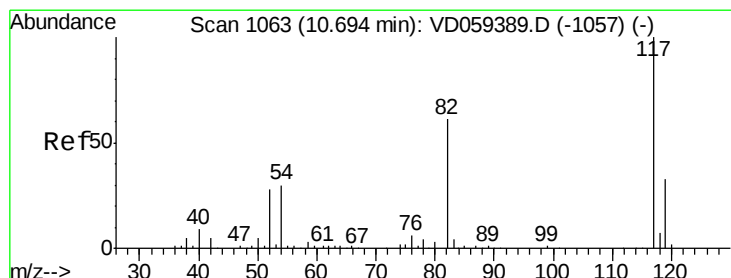
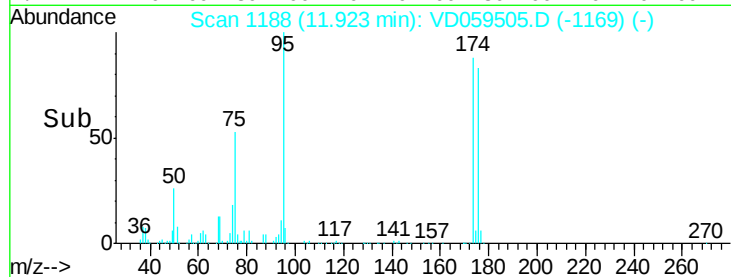
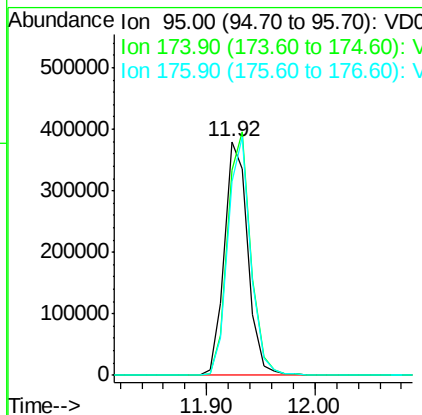
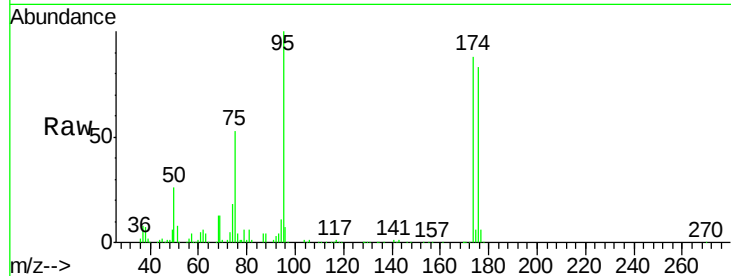
Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





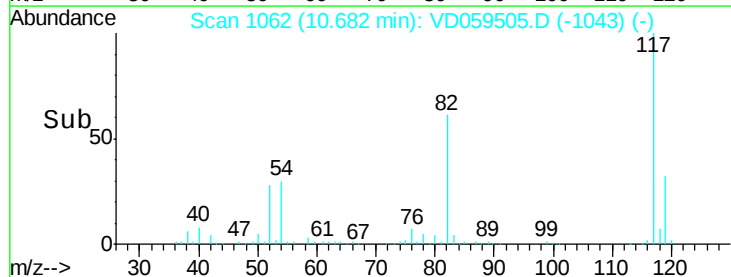
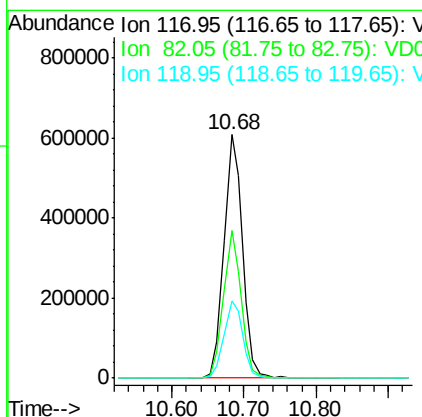
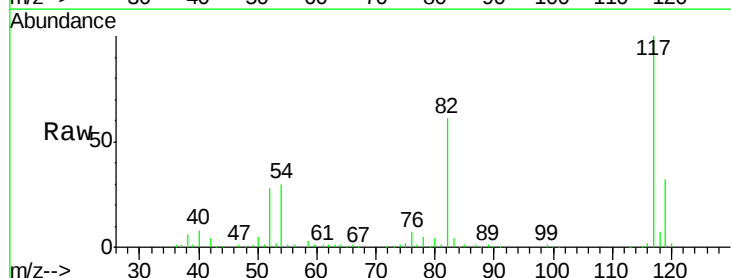
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059505.D
Acq: 29 Jun 2018 21:34

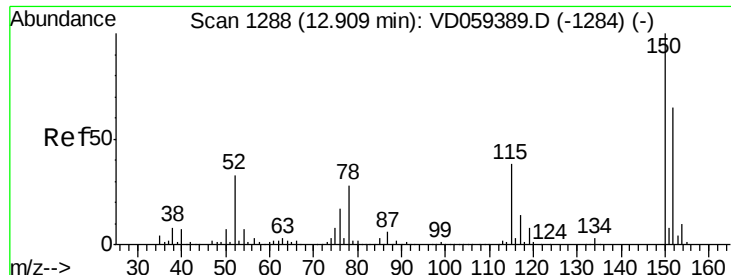
Tot Ion: 95 Resp: 571090
Ion Ratio Lower Upper
95 100
174 87.7 0.0 190.4
176 83.2 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059505.D
Acq: 29 Jun 2018 21:34

Tgt Ion: 117 Resp: 1078852
Ion Ratio Lower Upper
117 100
82 60.6 49.0 73.6
119 32.0 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.91 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VD059505.D
 Acq: 29 Jun 2018 21:34

Tot Ion:	152	Resp:	580467
Ion	Ratio	Lower	Upper
152	100		
115	50.6	29.4	88.3
150	160.2	0.0	308.2

