

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059497.D
 Acq On : 29 Jun 2018 17:46
 Operator : VA/AP
 Sample : J3677-08RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

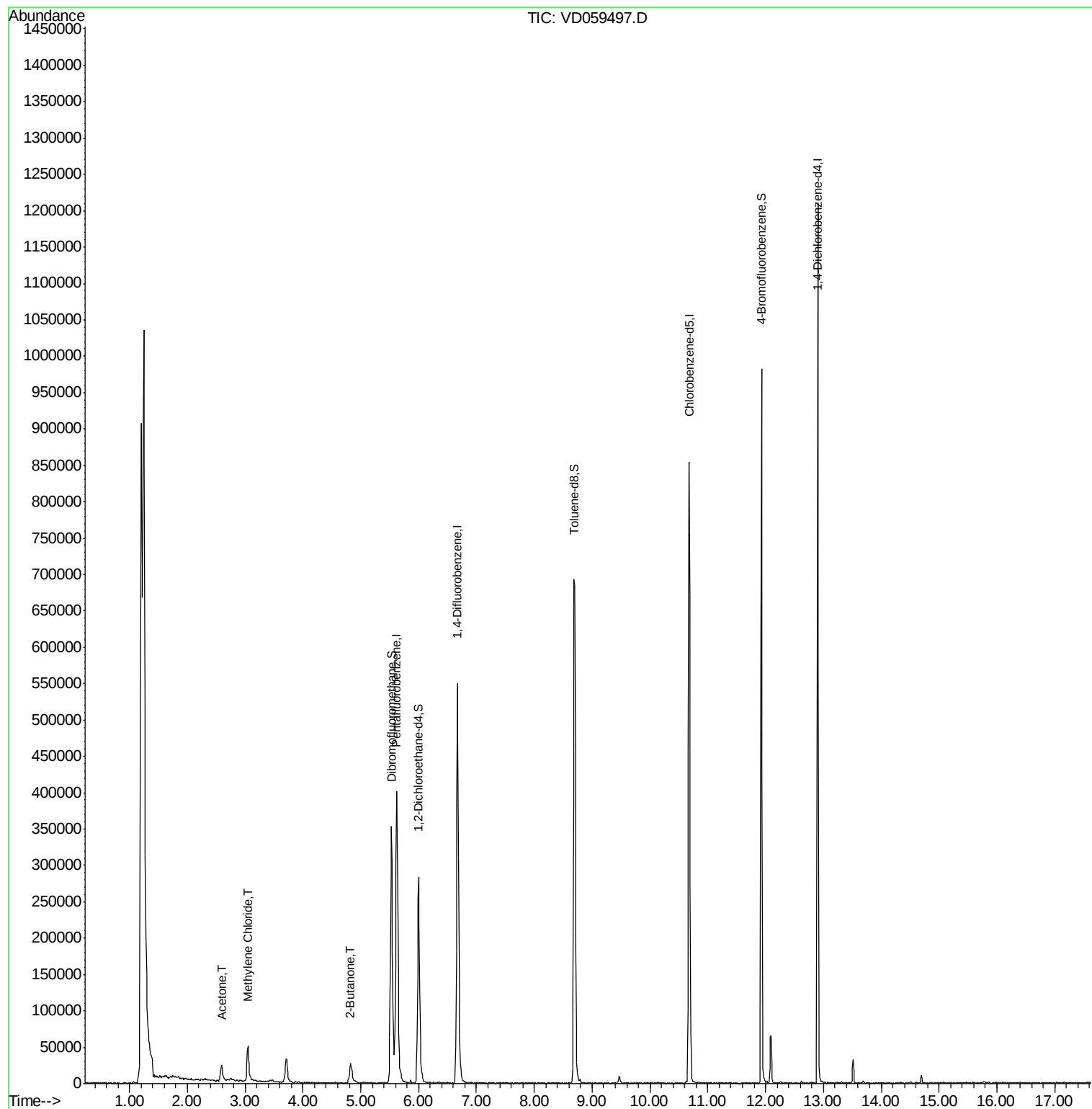
Quant Time: Jun 30 01:43:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

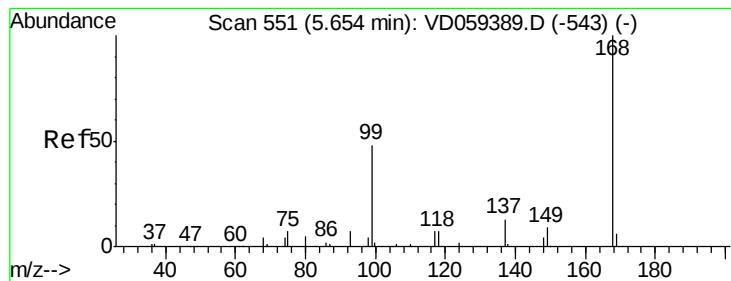
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	414857	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.67	114	552379	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	465267	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	246104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	276800	65.24	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	130.48%	
35) Dibromofluoromethane	5.53	113	262022	58.24	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	116.48%	
50) Toluene-d8	8.69	98	563242	53.55	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	11.93	95	244767	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
Target Compounds						
16) Acetone	2.59	43	45562	85.09	ug/l	93
20) Methylene Chloride	3.05	84	23538	14.06	ug/l #	85
25) 2-Butanone	4.82	43	14446	12.88	ug/l #	77

(#) = 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. -0.03 min

Lab File: VD059497.D

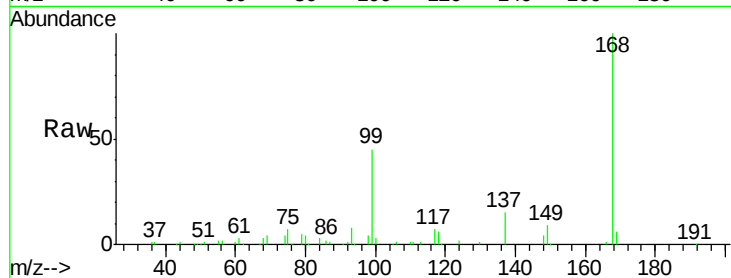
Acq: 29 Jun 2018 17:46

Tot Ion:168 Resp: 414857

Ion Ratio Lower Upper

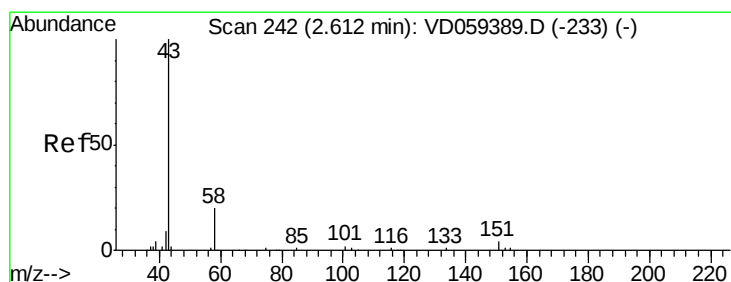
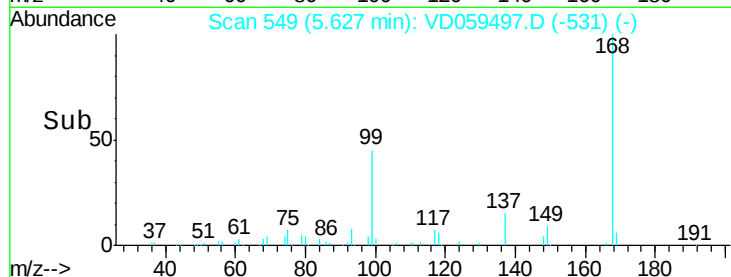
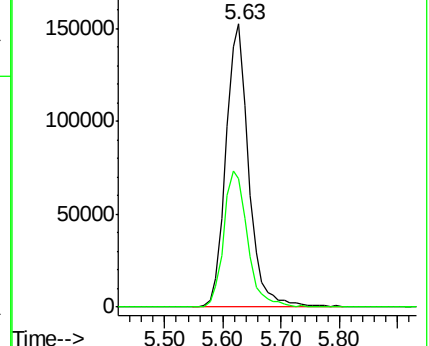
168 100

99 45.3 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 85.09 ug/l

RT: 2.59 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD059497.D

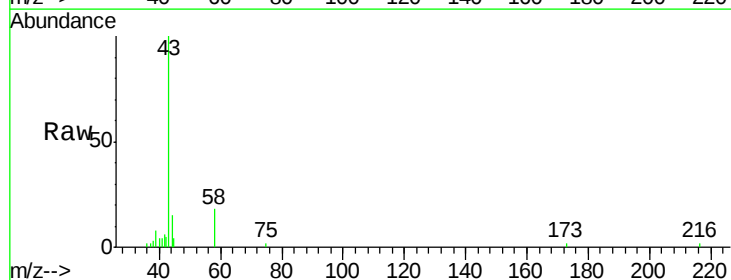
Acq: 29 Jun 2018 17:46

Tgt Ion: 43 Resp: 45562

Ion Ratio Lower Upper

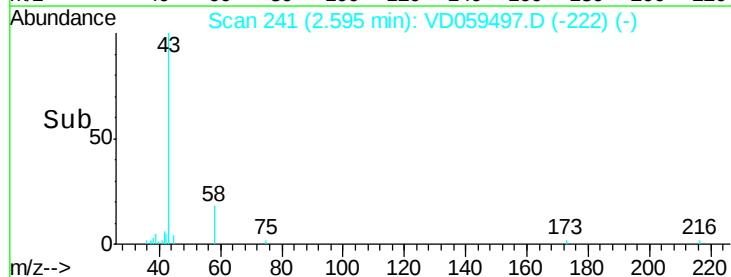
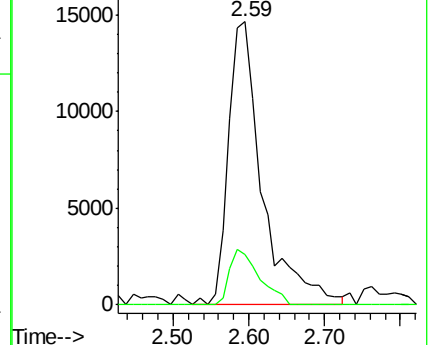
43 100

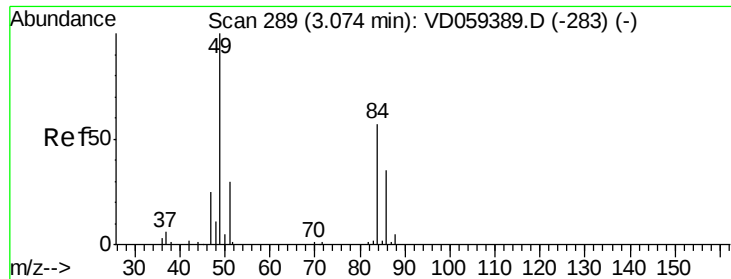
58 17.8 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

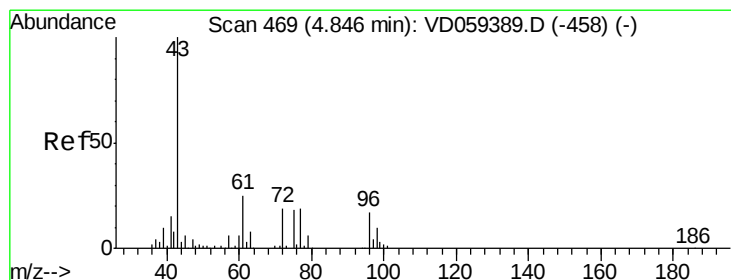
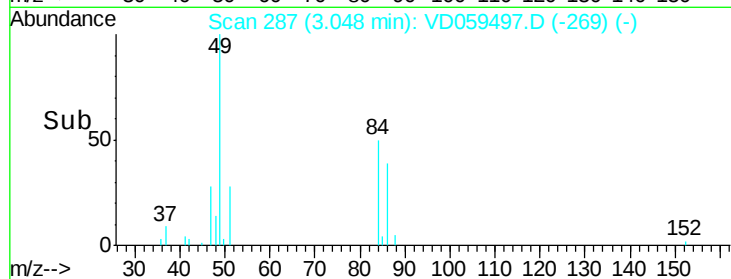
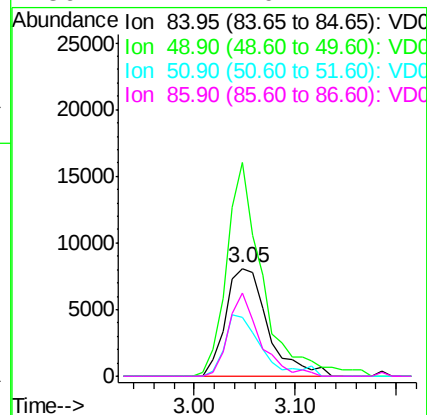
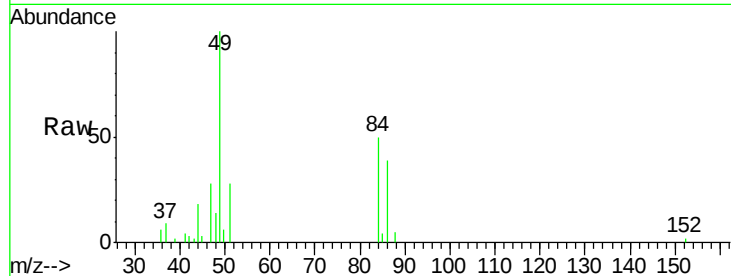
Ion 57.95 (57.65 to 58.65): VDC





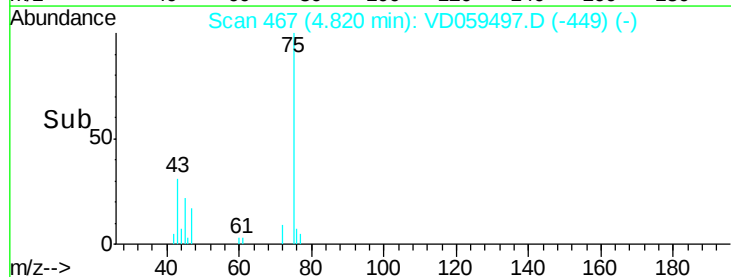
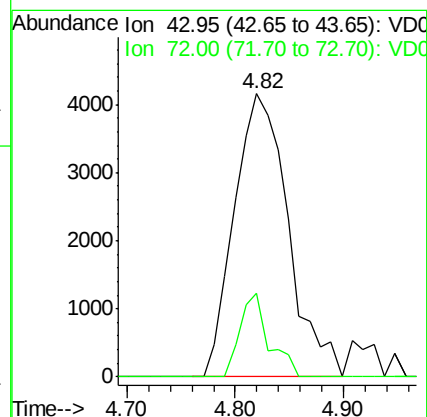
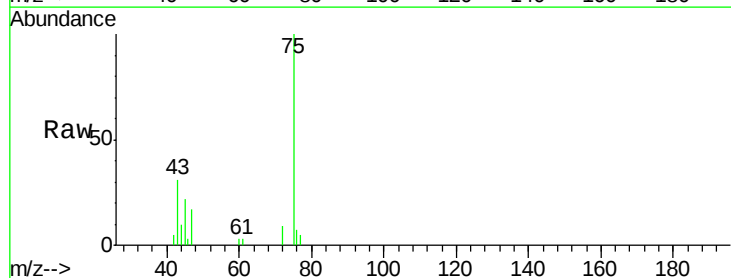
#20
Methvlene Chloride
Concen: 14.06 ug/l
RT: 3.05 min Scan# 287
Delta R.T. -0.03 min
Lab File: VD059497.D
Acq: 29 Jun 2018 17:46

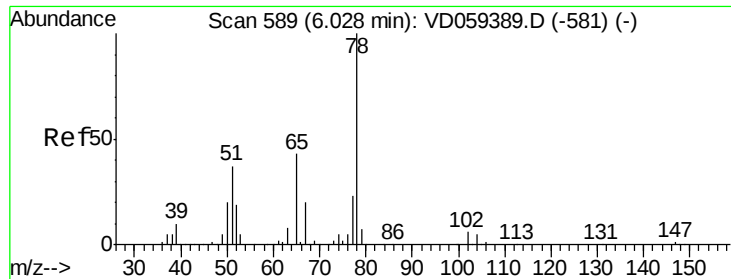
Tot Ion	Ratio	Lower	Upper
84	100		
49	198.2	140.3	210.5
51	54.7	41.6	62.4
86	77.4	49.4	74.2#



#25
2-Butanone
Concen: 12.88 ug/l
RT: 4.82 min Scan# 467
Delta R.T. -0.03 min
Lab File: VD059497.D
Acq: 29 Jun 2018 17:46

Tgt Ion	Ratio	Lower	Upper
43	100		
72	29.7	15.4	23.2#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. -0.03 min

Lab File: VD059497.D

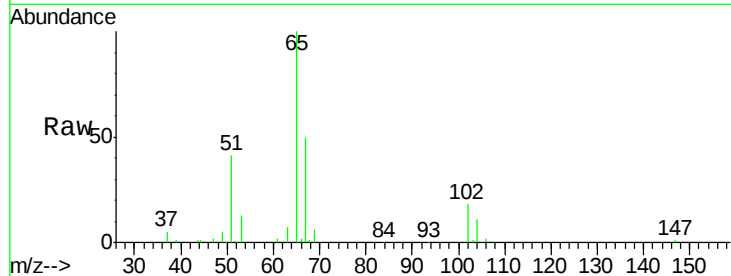
Acq: 29 Jun 2018 17:46

Tot Ion: 65 Resp: 276800

Ion Ratio Lower Upper

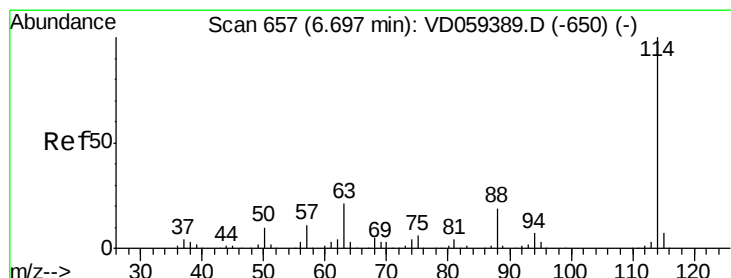
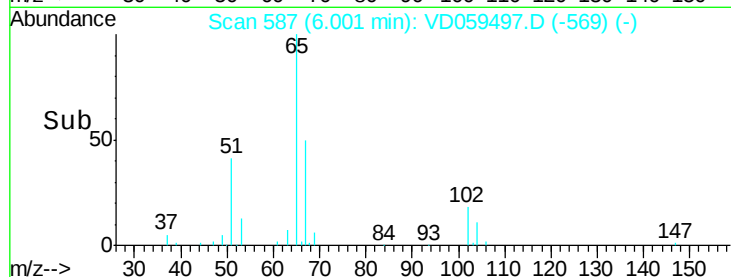
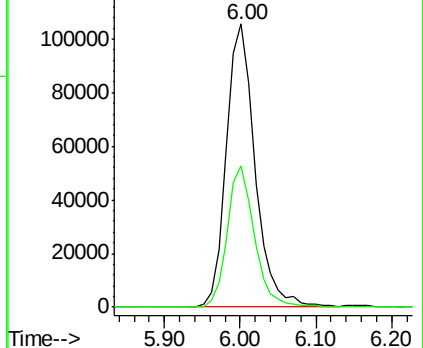
65 100

67 49.7 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. -0.03 min

Lab File: VD059497.D

Acq: 29 Jun 2018 17:46

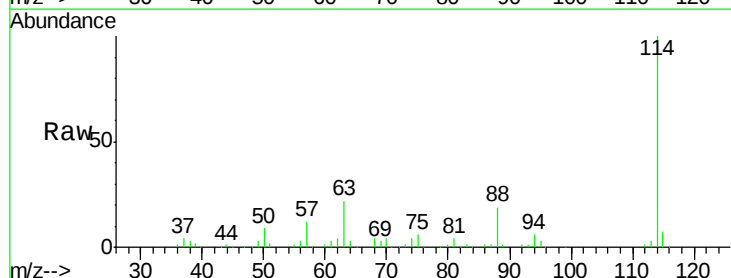
Tgt Ion: 114 Resp: 552379

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.4

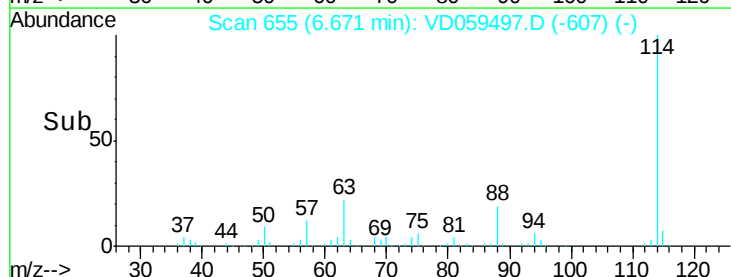
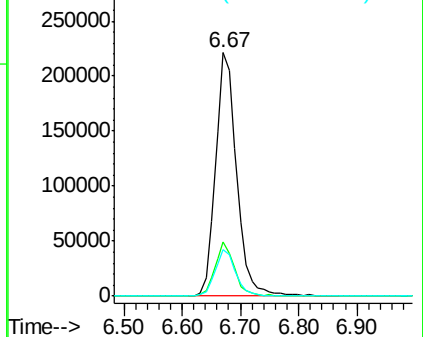
88 19.1 0.0 38.0

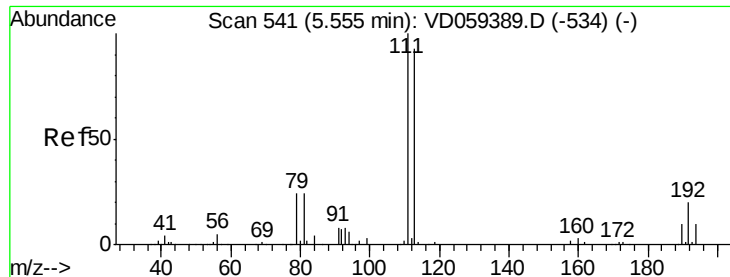


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

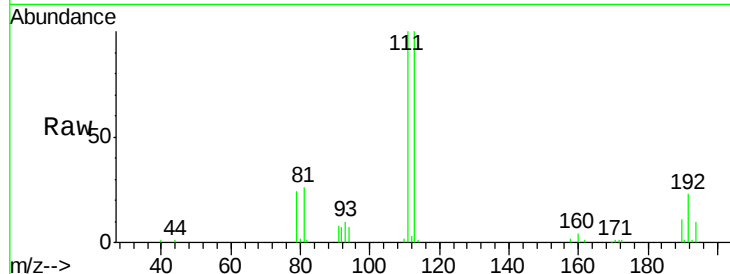
Ion 87.90 (87.60 to 88.60): VDC



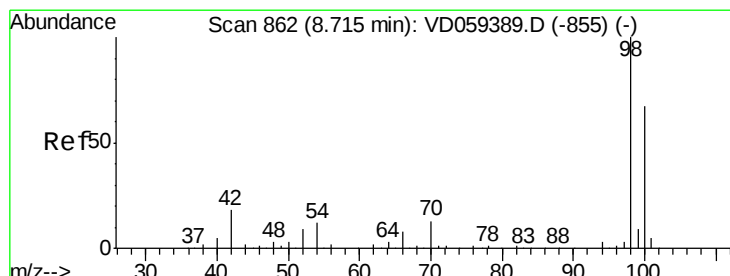
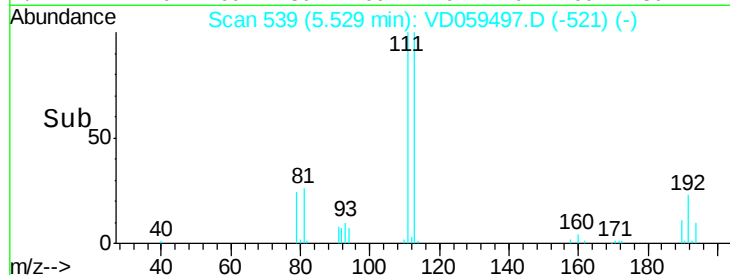
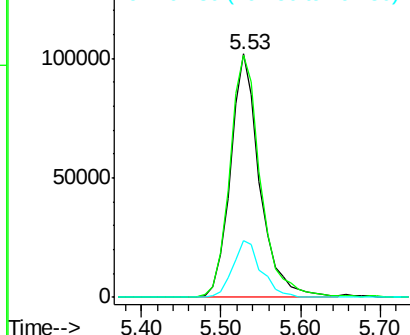


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.03 min
Lab File: VD059497.D
Acq: 29 Jun 2018 17:46

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.6	85.7	128.5
192	23.2	16.9	25.3

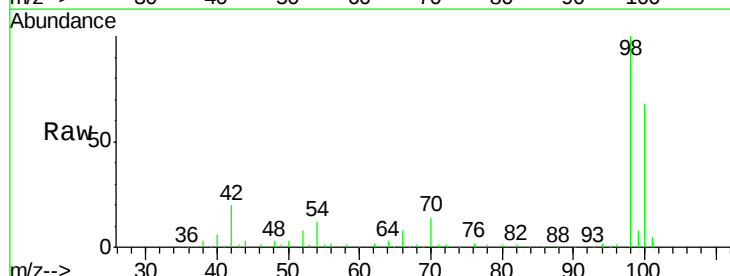


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

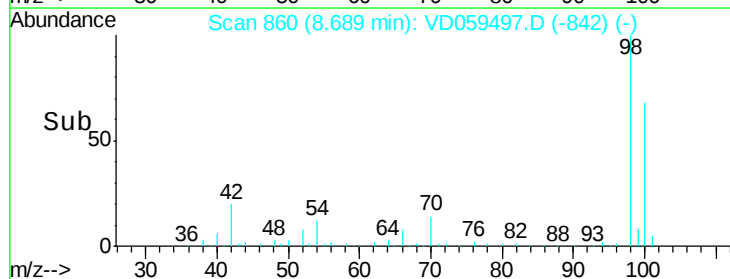
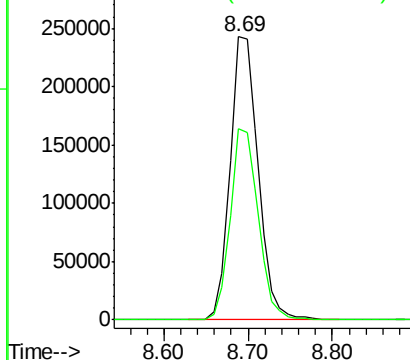


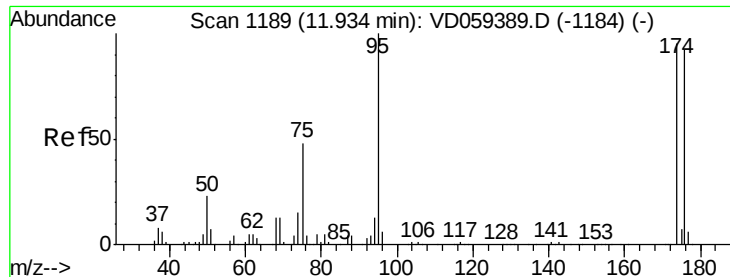
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.03 min
Lab File: VD059497.D
Acq: 29 Jun 2018 17:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.8	54.4	81.6



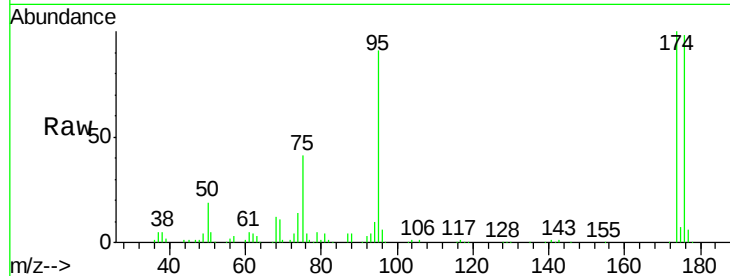
Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059497.D
Acq: 29 Jun 2018 17:46

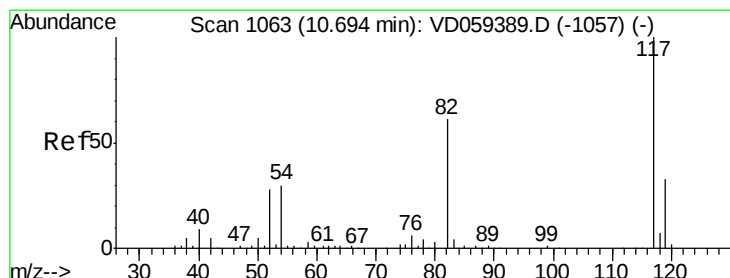
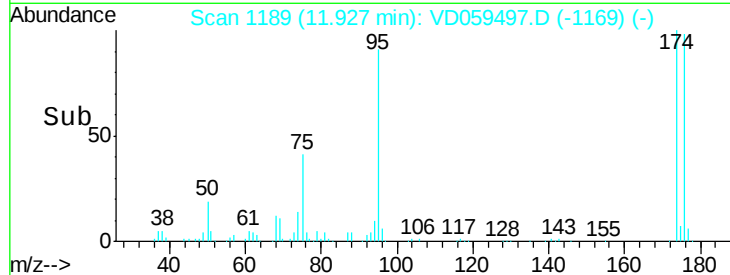
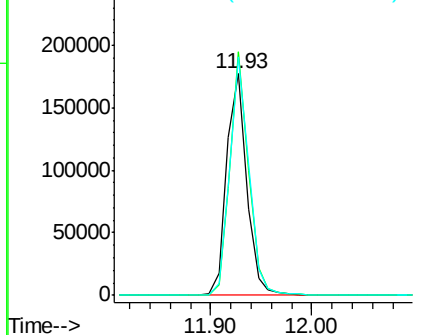
Tot Ion	95	Resp	244767
Ion	Ratio	Lower	Upper
95	100		
174	109.8	0.0	190.4
176	107.5	0.0	183.2



Abundance Ion 95.00 (94.70 to 95.70): V

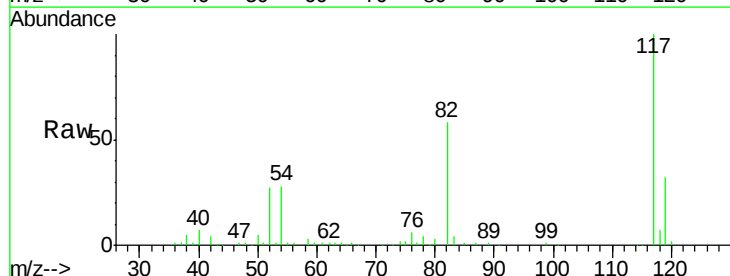
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.02 min
Lab File: VD059497.D
Acq: 29 Jun 2018 17:46

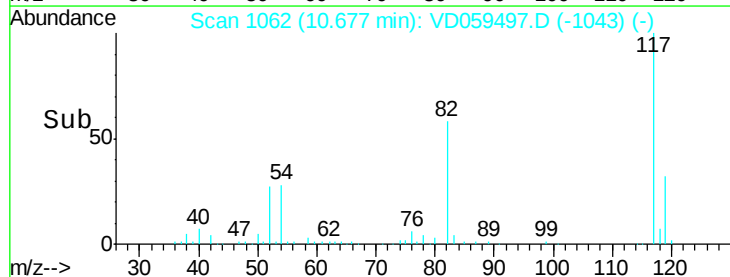
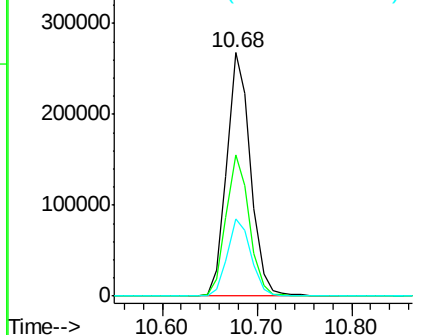
Tgt Ion	117	Resp	465267
Ion	Ratio	Lower	Upper
117	100		
82	57.8	49.0	73.6
119	31.7	26.2	39.4

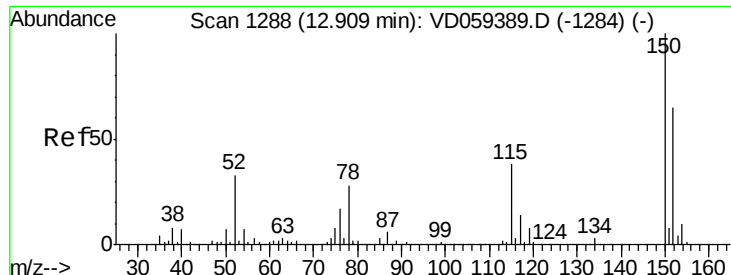


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD059497.D
 Acq: 29 Jun 2018 17:46

Tot Ion:	152	Resp:	246104
Ion	Ratio	Lower	Upper
152	100		
115	51.3	29.4	88.3
150	155.2	0.0	308.2

