

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092118\
 Data File : VD060069.D
 Acq On : 21 Sep 2018 14:11
 Operator : VA/AP
 Sample : J5017-02RE
 Misc : 5.12g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-FL-056RE

Quant Time: Sep 22 01:29:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

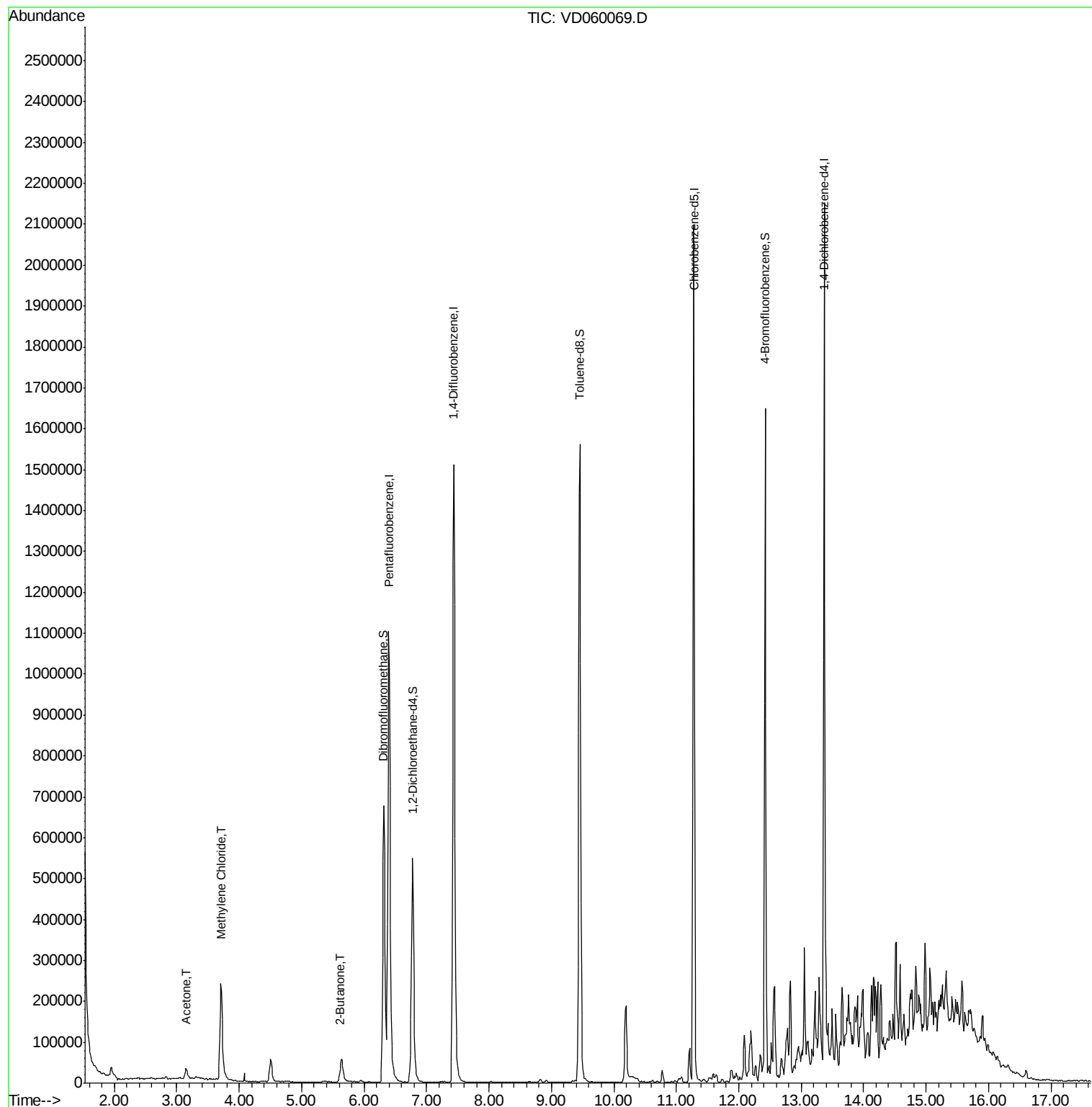
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1108109	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.44	114	1594320	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1182766	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	450956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	383938	44.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.86%	
35) Dibromofluoromethane	6.31	113	530993	42.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.26%	
50) Toluene-d8	9.45	98	1289206	37.35	ug/l	0.01
Spiked Amount 50.000			Recovery	=	74.70%	
62) 4-Bromofluorobenzene	12.43	95	428633	32.50	ug/l	0.01
Spiked Amount 50.000			Recovery	=	65.00%	
Target Compounds						
16) Acetone	3.16	43	61515	36.871	ug/l	97
20) Methylene Chloride	3.71	84	156532	6.985	ug/l	97
25) 2-Butanone	5.61	43	30326	6.736	ug/l #	85

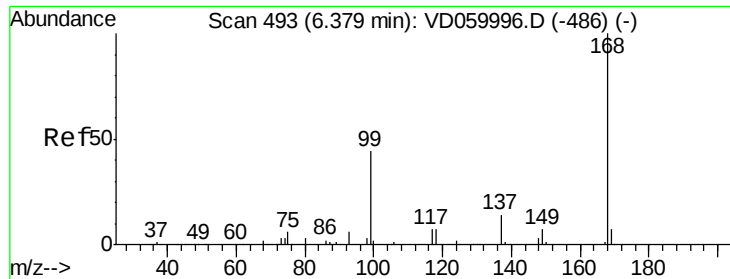
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.01 min

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Acq: 21 Sep 2018 14:11

Instrument :

MSVOA_D

ClientSampleId :

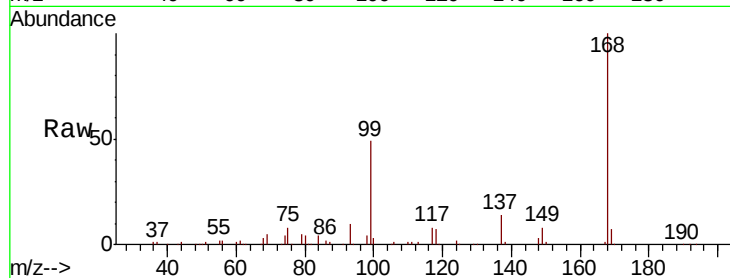
RA-091918-N-FL-056RE

Tot Ion:168 Resp: 1108109

Ion Ratio Lower Upper

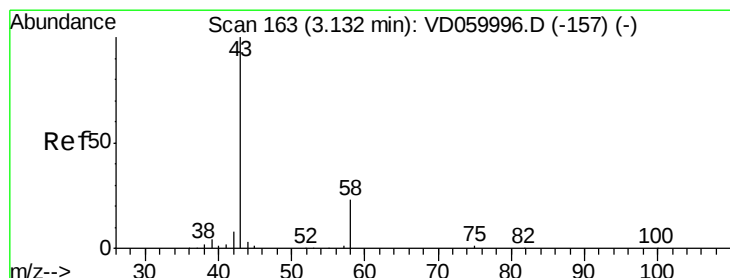
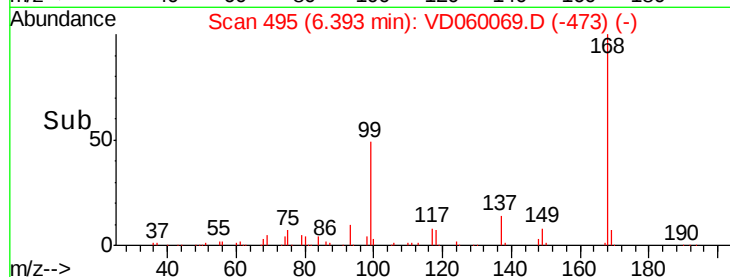
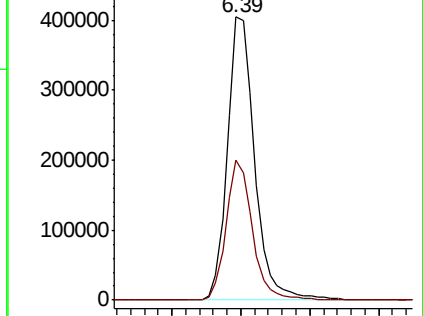
168 100

99 49.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 36.871 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060069.D

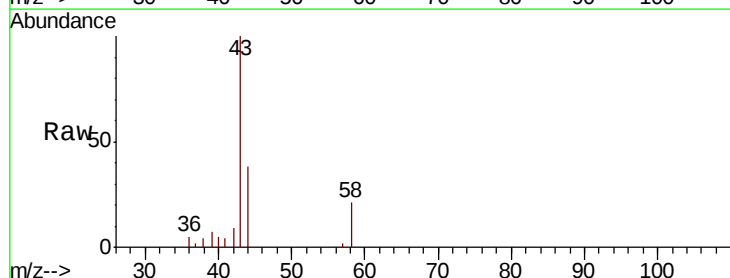
Acq: 21 Sep 2018 14:11

Tgt Ion: 43 Resp: 61515

Ion Ratio Lower Upper

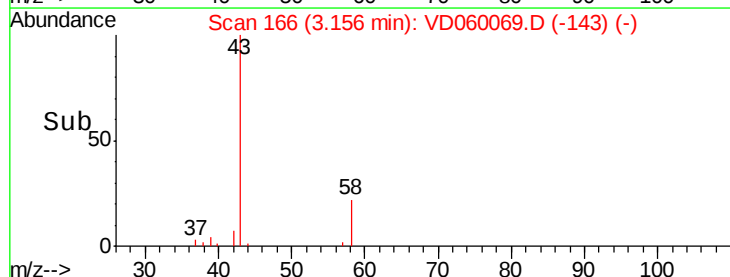
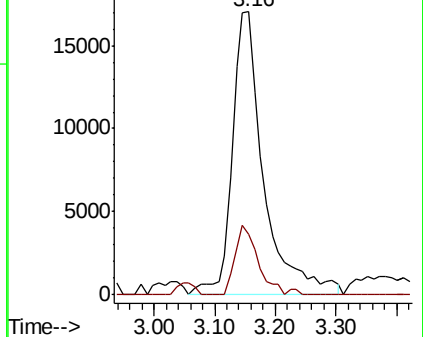
43 100

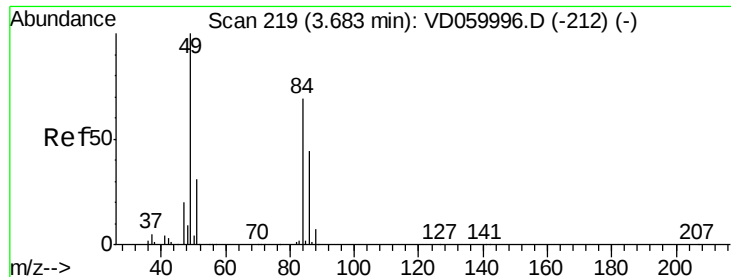
58 21.4 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

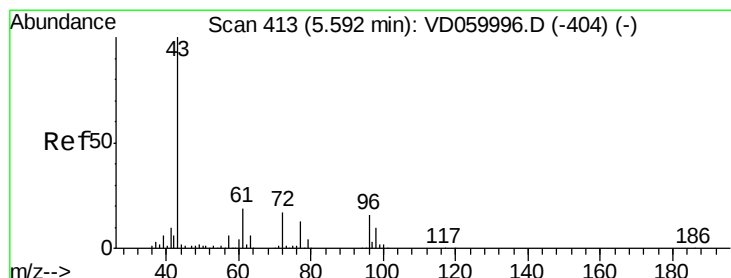
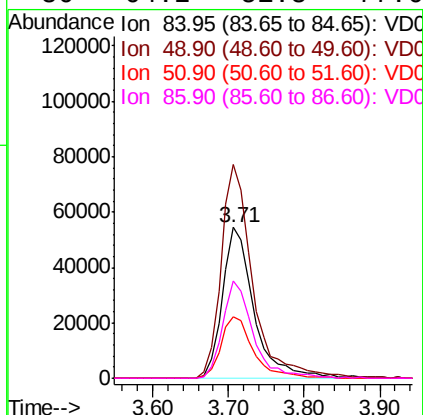
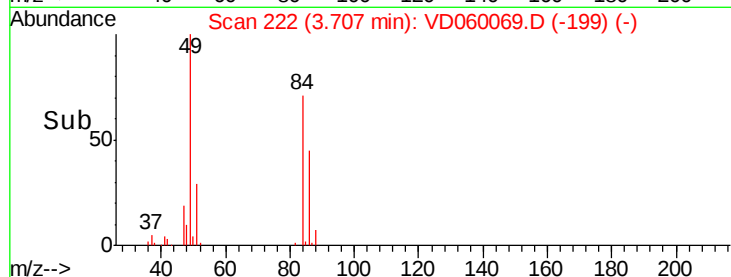
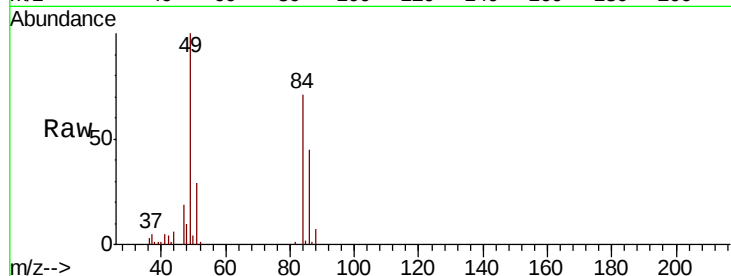




#20
Methvlene Chloride
Concen: 6.985 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.02 min
Lab File: VD060069.D
Acq: 21 Sep 2018 14:11

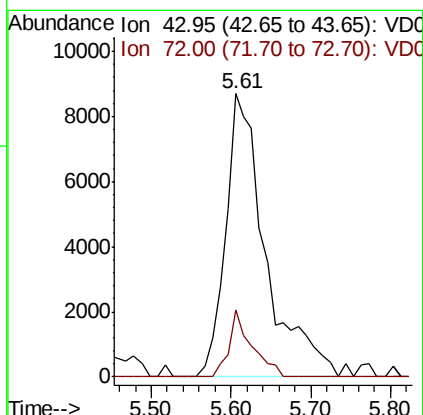
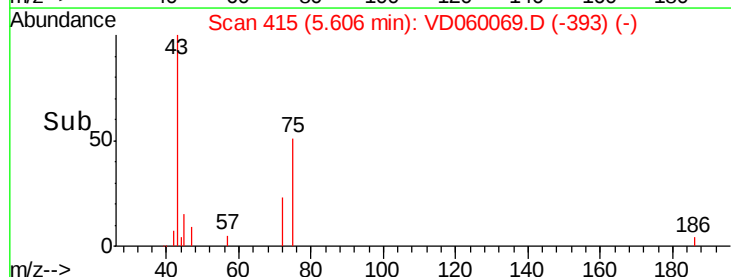
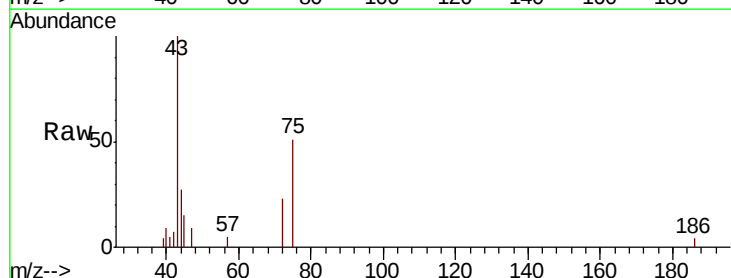
Instrument :
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ClientSampleId :
RA-091918-N-FL-056RE

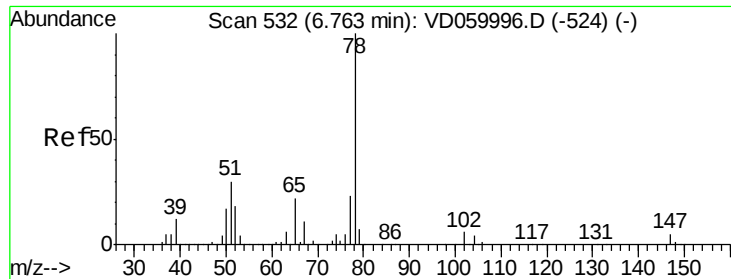
Tot Ion: 84 Resp: 156532
Ion Ratio Lower Upper
84 100
49 141.5 116.6 175.0
51 40.9 35.9 53.9
86 64.2 51.8 77.6



#25
2-Butanone
Concen: 6.736 ug/l
RT: 5.61 min Scan# 415
Delta R.T. 0.02 min
Lab File: VD060069.D
Acq: 21 Sep 2018 14:11

Tgt Ion: 43 Resp: 30326
Ion Ratio Lower Upper
43 100
72 23.5 13.6 20.4#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.01 min

Lab File: VD060069.D

Acq: 21 Sep 2018 14:11

Instrument :

MSVOA_D

ClientSampleId :

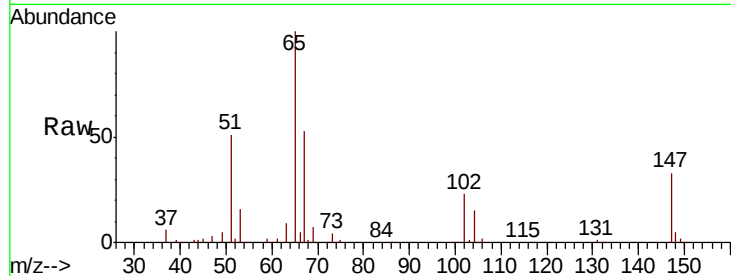
RA-091918-N-FL-056RE

Tot Ion: 65 Resp: 383938

Ion Ratio Lower Upper

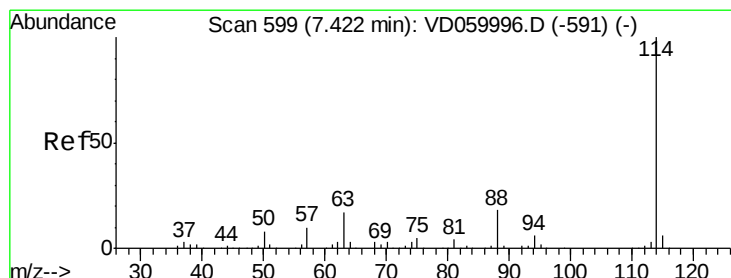
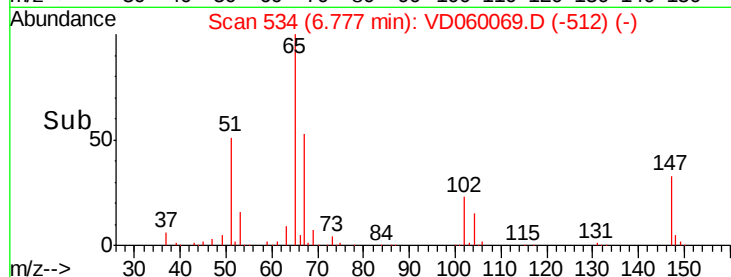
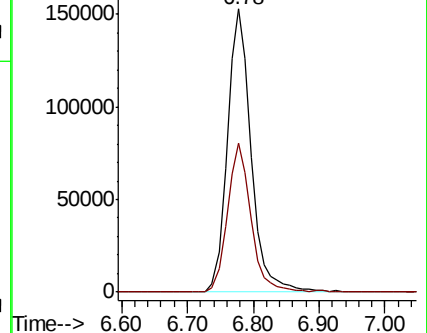
65 100

67 52.6 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.01 min

Lab File: VD060069.D

Acq: 21 Sep 2018 14:11

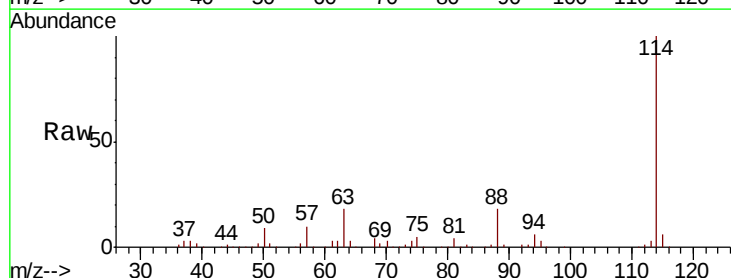
Tgt Ion: 114 Resp: 1594320

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

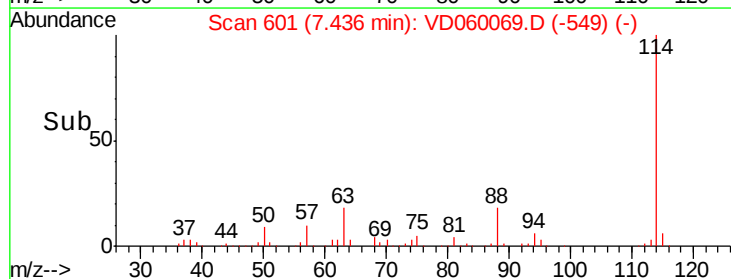
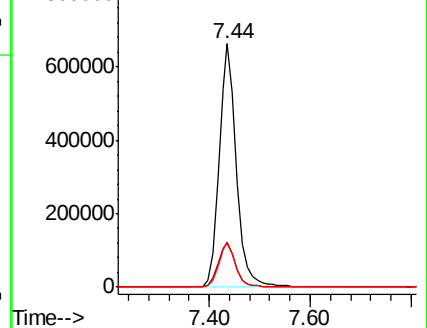
88 18.4 0.0 35.8

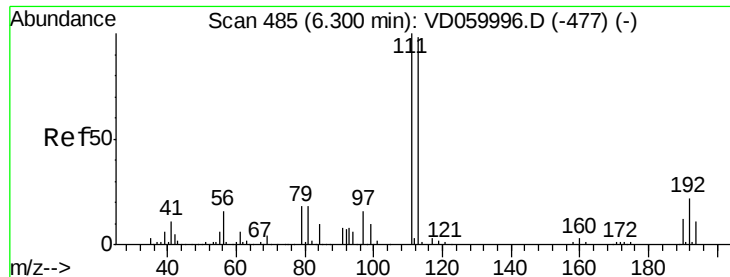


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

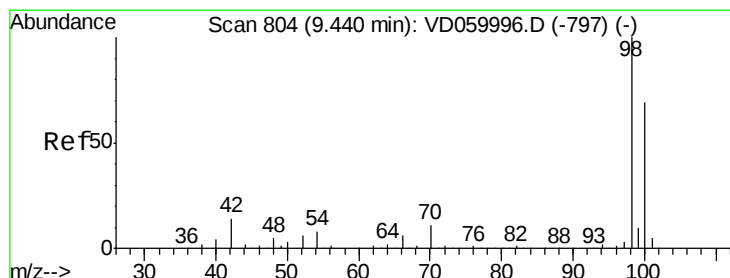
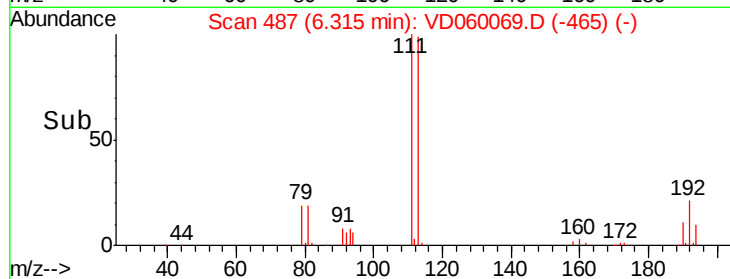
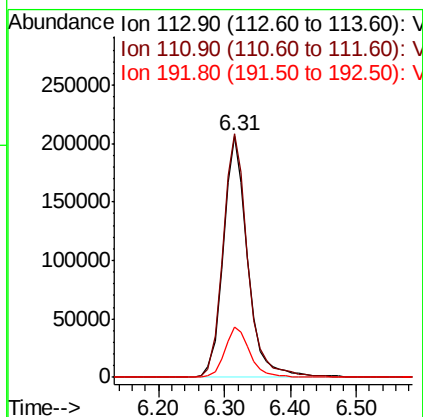
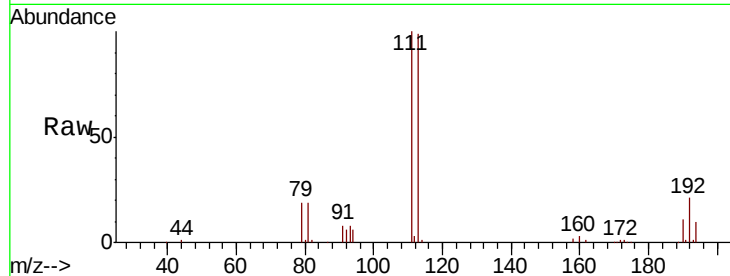




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: VD060069.D
 Acq: 21 Sep 2018 14:11

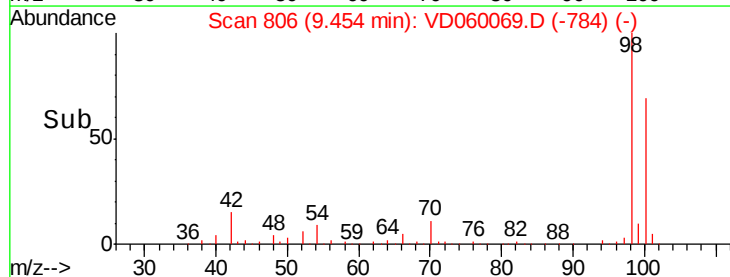
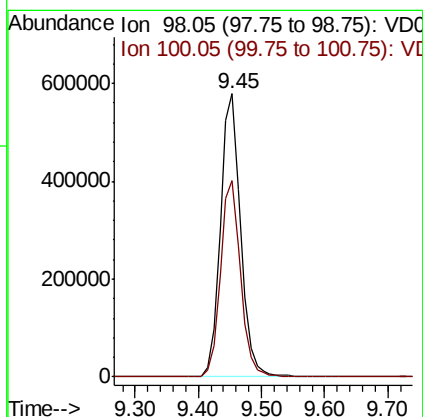
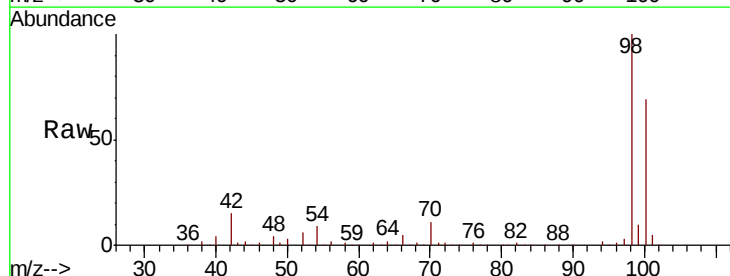
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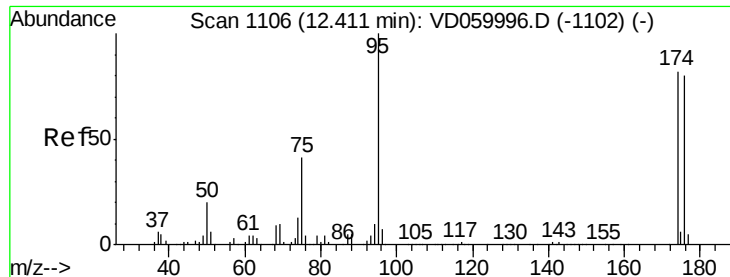
Tot Ion:113 Resp: 530993
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.3 121.9
 192 20.9 18.1 27.1



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VD060069.D
 Acq: 21 Sep 2018 14:11

Tgt Ion: 98 Resp: 1289206
 Ion Ratio Lower Upper
 98 100
 100 69.2 55.8 83.6

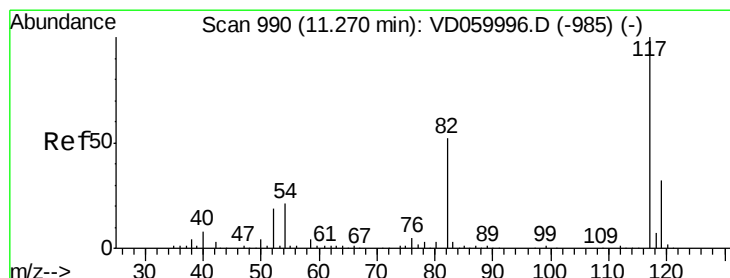
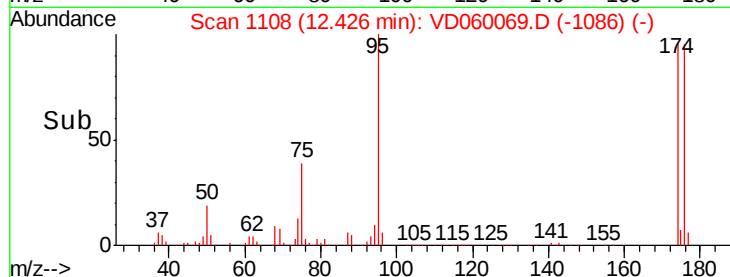
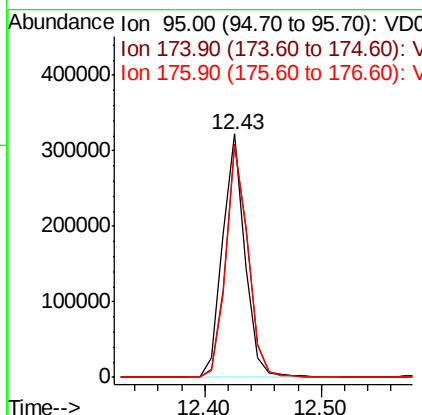
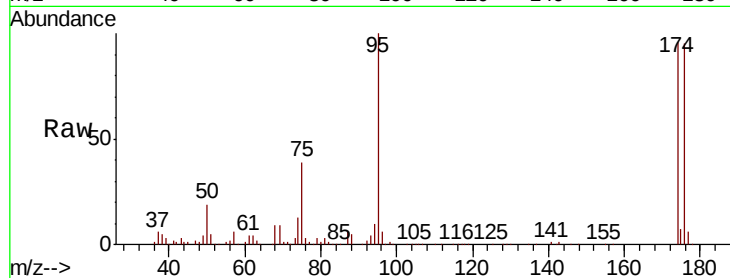




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060069.D
Acq: 21 Sep 2018 14:11

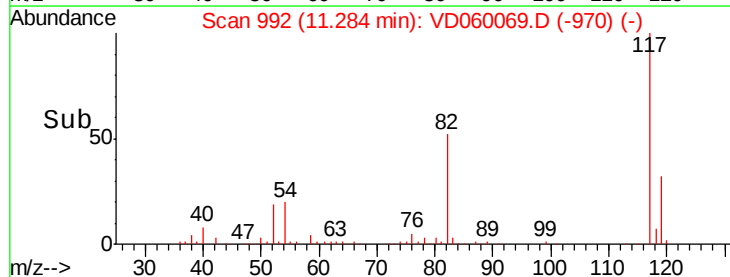
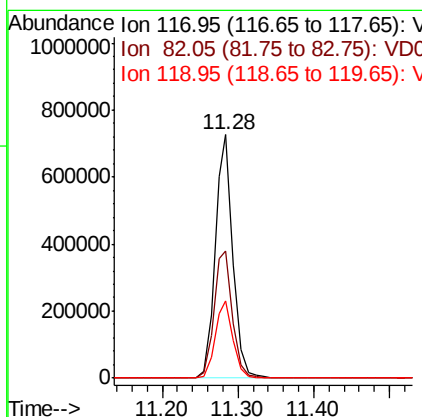
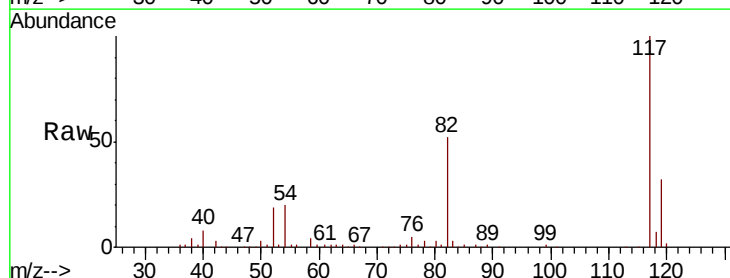
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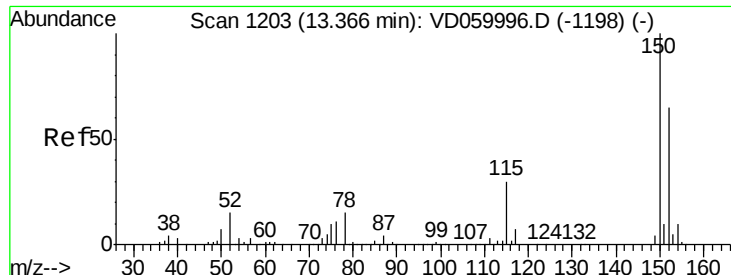
Tot Ion: 95 Resp: 428633
Ion Ratio Lower Upper
95 100
174 96.0 0.0 165.0
176 95.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD060069.D
Acq: 21 Sep 2018 14:11

Tgt Ion: 117 Resp: 1182766
Ion Ratio Lower Upper
117 100
82 52.3 41.7 62.5
119 31.9 26.0 39.0

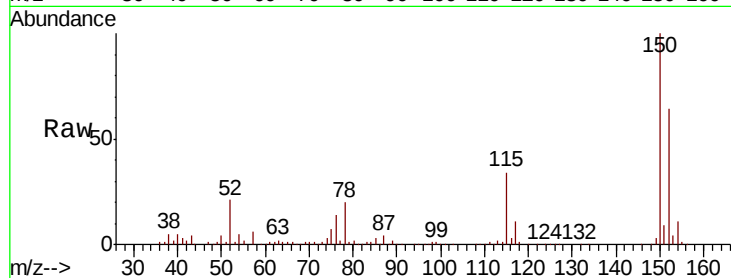




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: VD060069.D
 Acq: 21 Sep 2018 14:11

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-FL-056RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.3	24.6	73.8
150	156.3	0.0	313.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

