

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092118\
 Data File : VD060070.D
 Acq On : 21 Sep 2018 14:39
 Operator : VA/AP
 Sample : J5017-04RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-SW-058RE

Quant Time: Sep 24 14:10:01 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

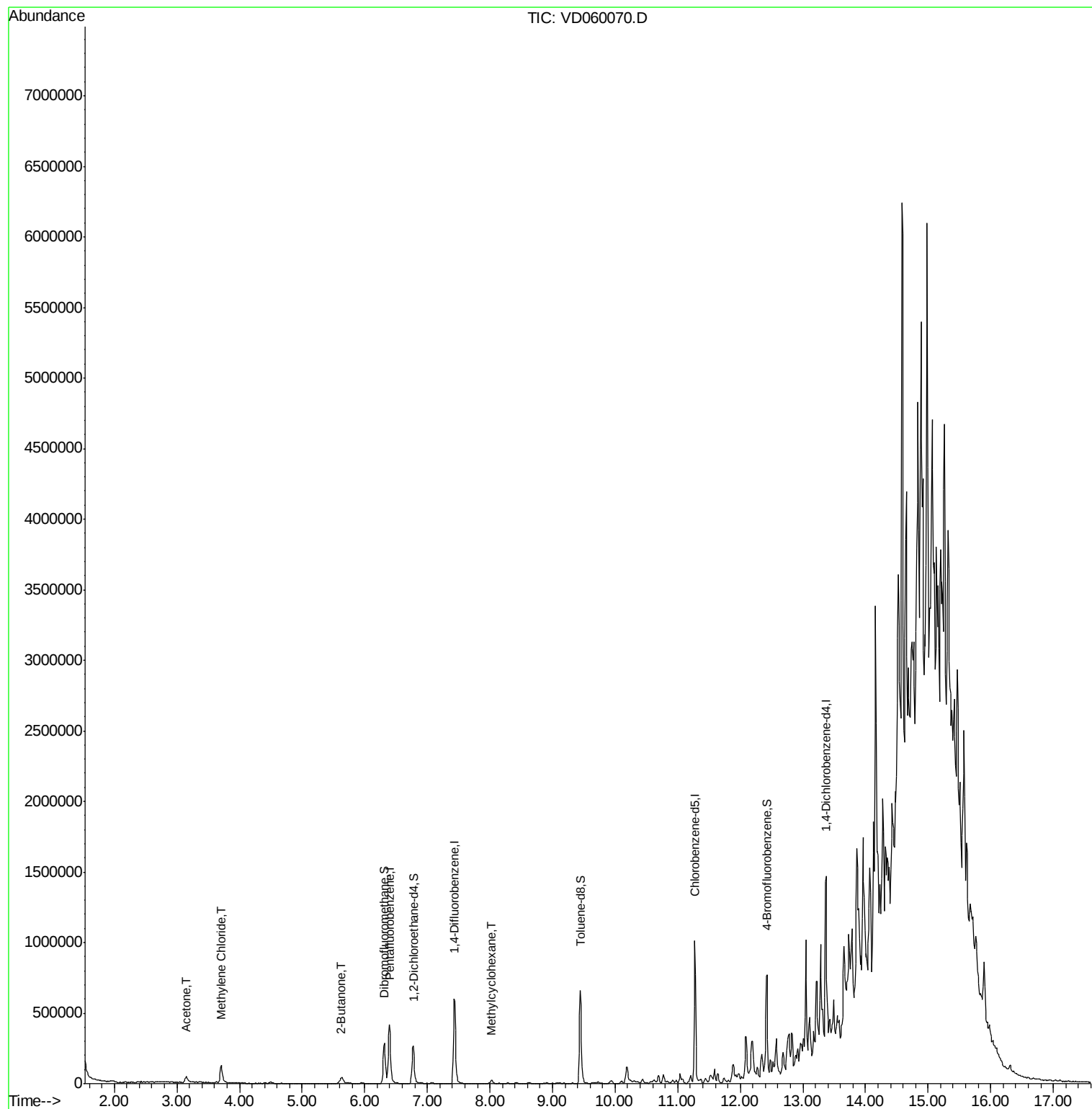
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	403704	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	649125	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	541114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	238698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	214340	68.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	136.16%	
35) Dibromofluoromethane	6.32	113	228308	45.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.04%	
50) Toluene-d8	9.44	98	508661	36.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.38%	
62) 4-Bromofluorobenzene	12.42	95	205633	38.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.60%	
Target Compounds						
16) Acetone	3.15	43	90462	148.829	ug/l	97
20) Methylene Chloride	3.71	84	77053	12.395	ug/l	96
25) 2-Butanone	5.61	43	42883	26.145	ug/l	98
39) Methylcyclohexane	8.03	83	10643	1.459	ug/l	95

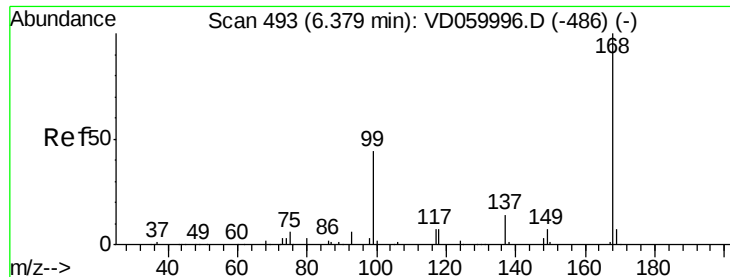
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092118\
Data File : VD060070.D
Acq On : 21 Sep 2018 14:39
Operator : VA/AP
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Misc : 5.04g/5ml/MSVOA D/SOIL
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ClientSampleId :
RA-091918-S-SW-058RE

Quant Time: Sep 24 14:10:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060070.D

Acq: 21 Sep 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

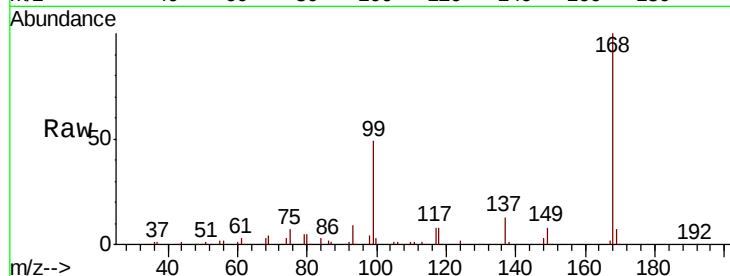
RA-091918-S-SW-058RE

Tot Ion:168 Resp: 403704

Ion Ratio Lower Upper

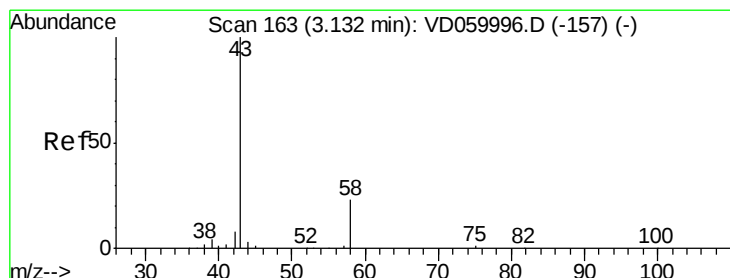
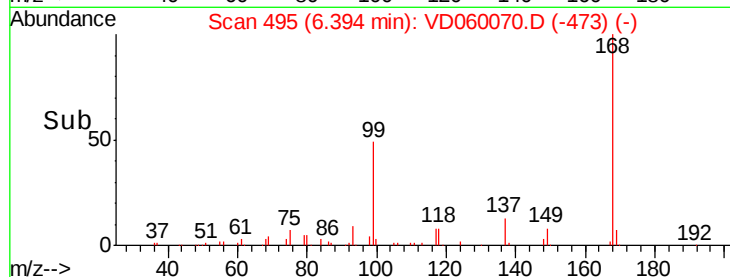
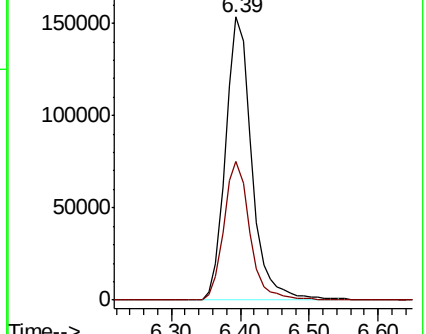
168 100

99 48.9 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: 148.829 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD060070.D

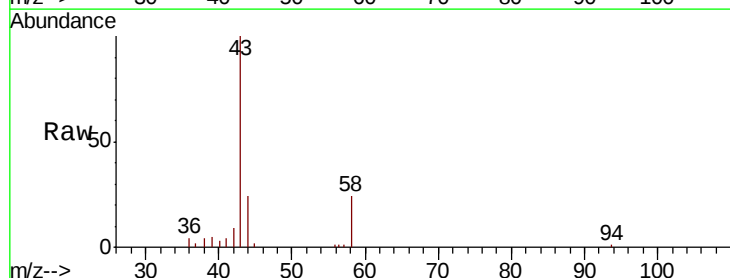
Acq: 21 Sep 2018 14:39

Tgt Ion: 43 Resp: 90462

Ion Ratio Lower Upper

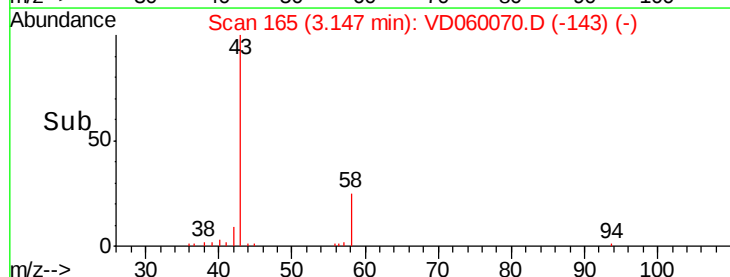
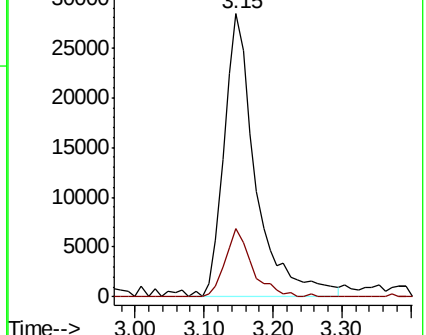
43 100

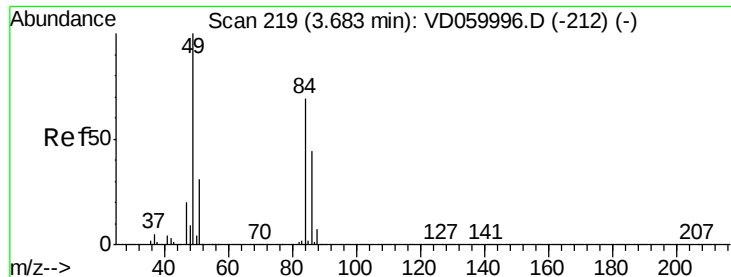
58 24.2 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

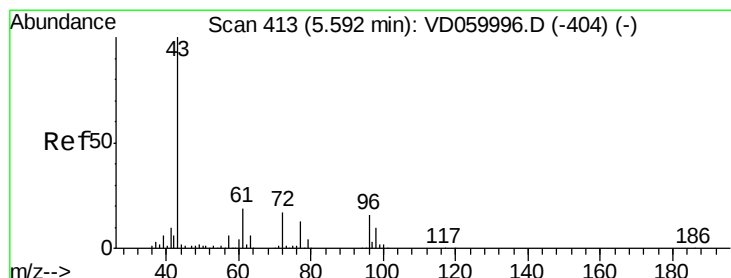
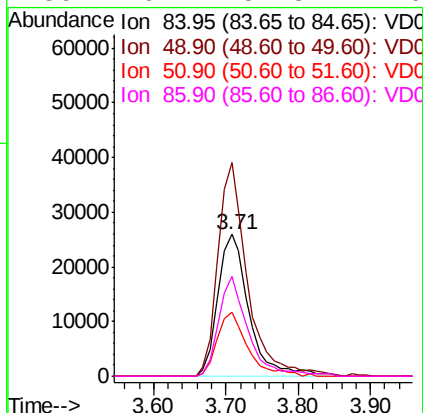
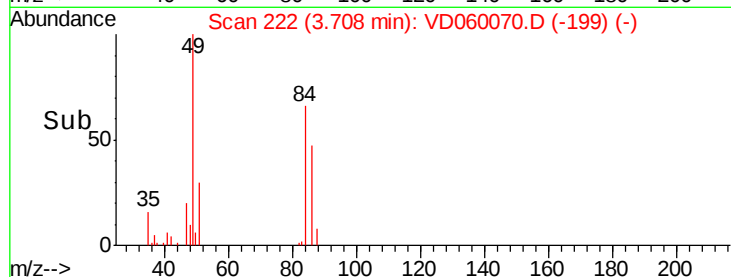
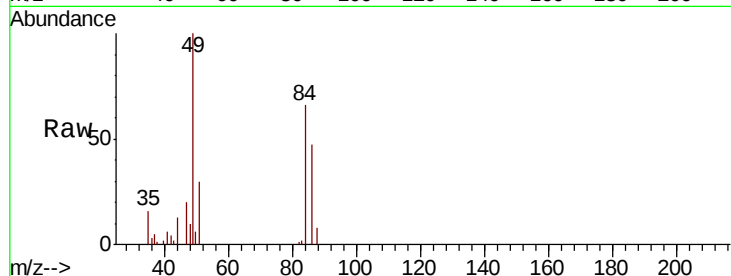




#20
Methvlene Chloride
Concen: 12.395 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.03 min
Lab File: VD060070.D
Acq: 21 Sep 2018 14:39

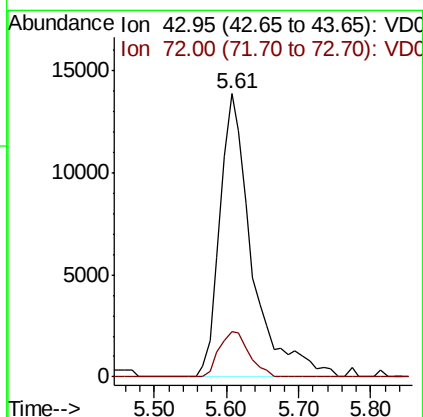
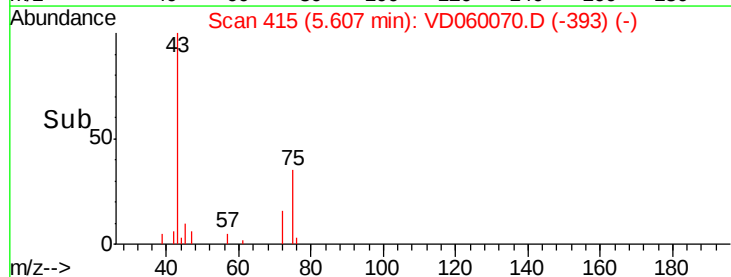
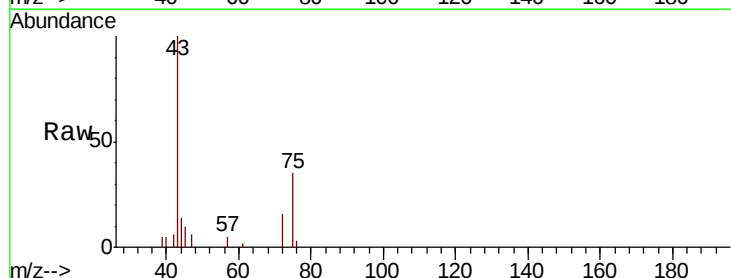
Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-SW-058RE

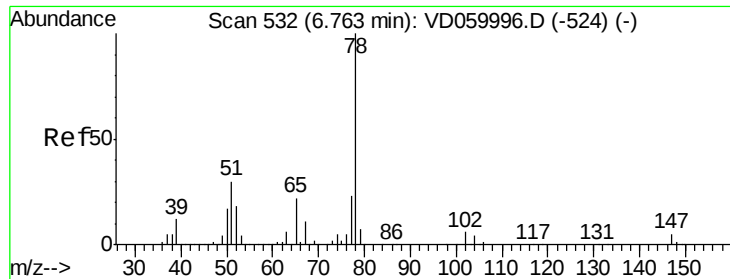
Tot Ion: 84 Resp: 77053
Ion Ratio Lower Upper
84 100
49 150.4 116.6 175.0
51 44.7 35.9 53.9
86 70.7 51.8 77.6



#25
2-Butanone
Concen: 26.145 ug/l
RT: 5.61 min Scan# 415
Delta R.T. 0.02 min
Lab File: VD060070.D
Acq: 21 Sep 2018 14:39

Tgt Ion: 43 Resp: 42883
Ion Ratio Lower Upper
43 100
72 16.2 13.6 20.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060070.D

Acq: 21 Sep 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

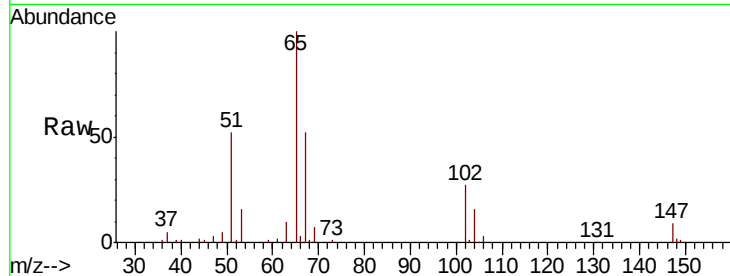
RA-091918-S-SW-058RE

Tot Ion: 65 Resp: 214340

Ion Ratio Lower Upper

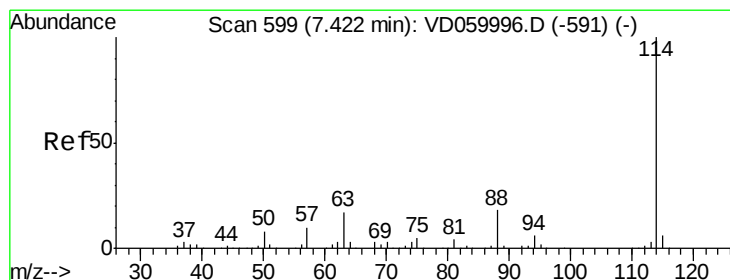
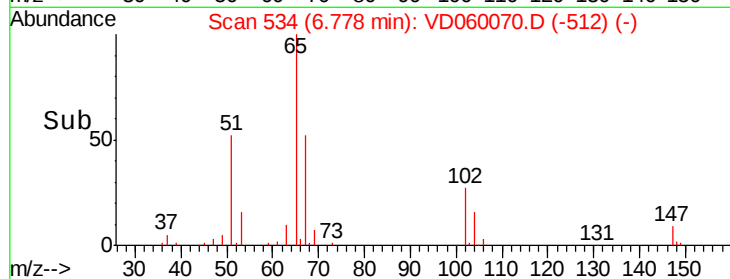
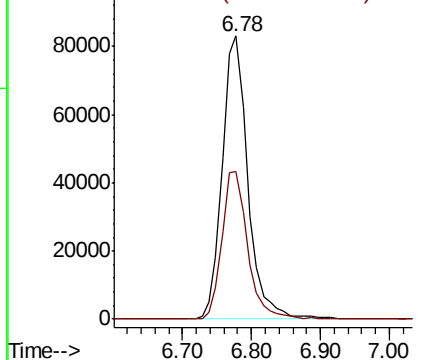
65 100

67 52.3 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. 0.02 min

Lab File: VD060070.D

Acq: 21 Sep 2018 14:39

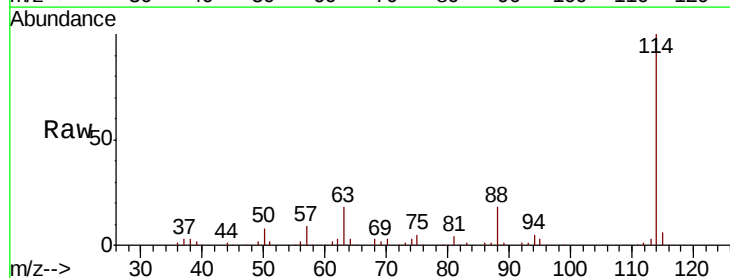
Tgt Ion: 114 Resp: 649125

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

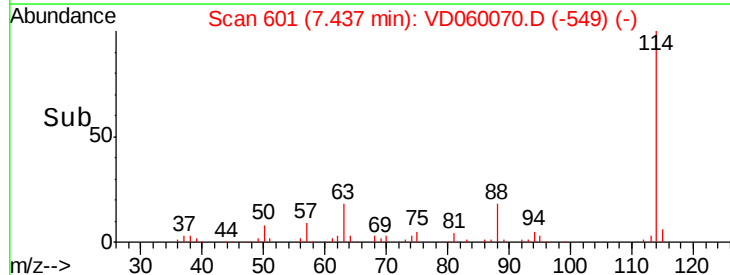
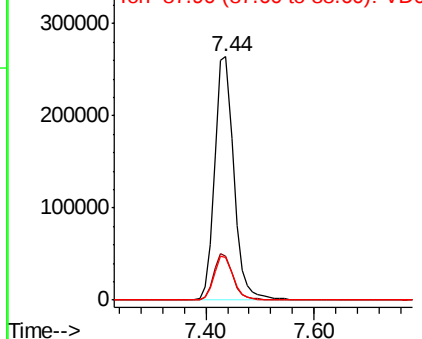
88 17.6 0.0 35.8

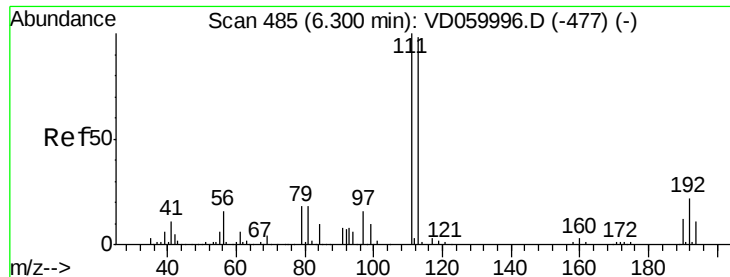


Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.32 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060070.D

Acq: 21 Sep 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-SW-058RE

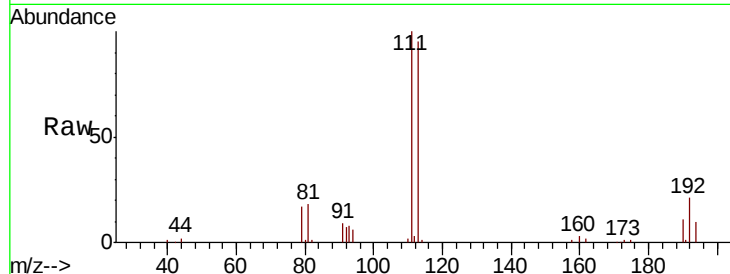
Tot Ion:113 Resp: 228308

Ion Ratio Lower Upper

113 100

111 105.5 81.3 121.9

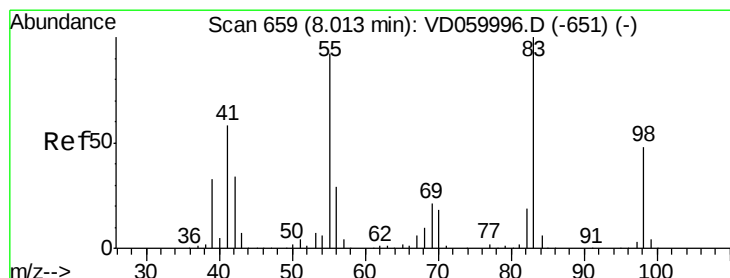
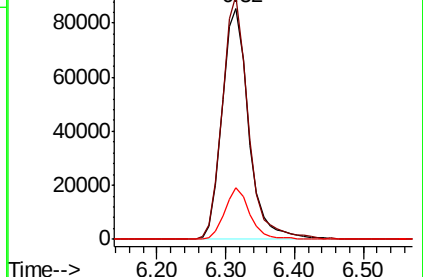
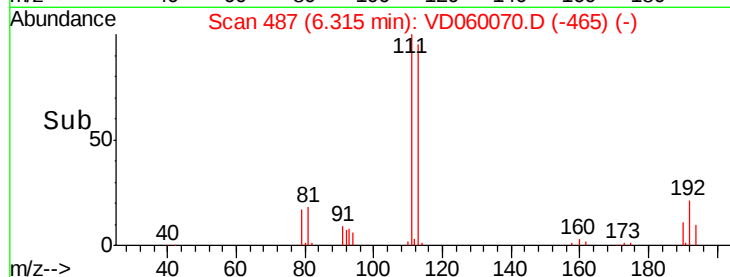
192 22.1 18.1 27.1



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



#39

Methylcyclohexane

Concen: 1.459 ug/l

RT: 8.03 min Scan# 661

Delta R.T. 0.02 min

Lab File: VD060070.D

Acq: 21 Sep 2018 14:39

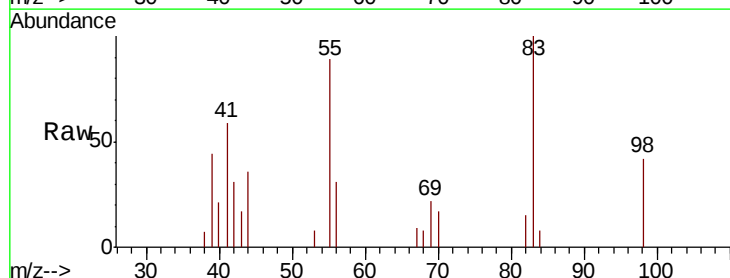
Tgt Ion: 83 Resp: 10643

Ion Ratio Lower Upper

83 100

55 88.6 73.8 110.6

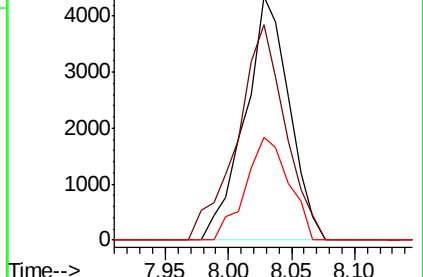
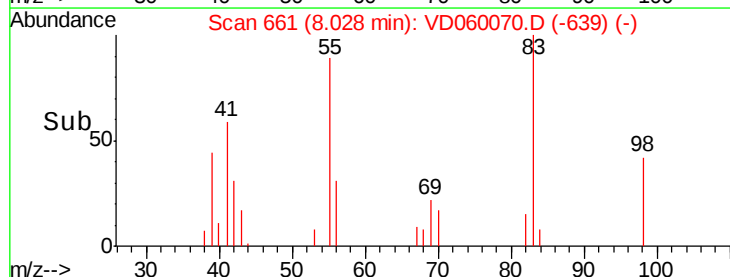
98 42.1 38.1 57.1

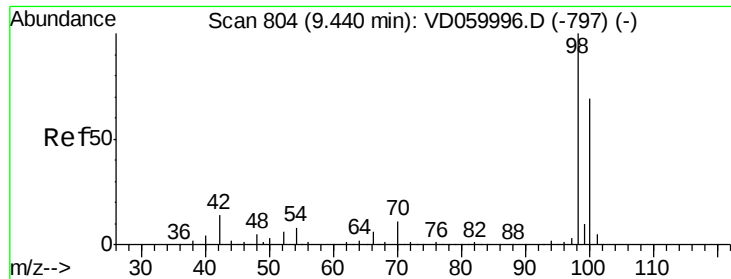


Abundance Ion 83.05 (82.75 to 83.75): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.05 (97.75 to 98.75): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060070.D

Acq: 21 Sep 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

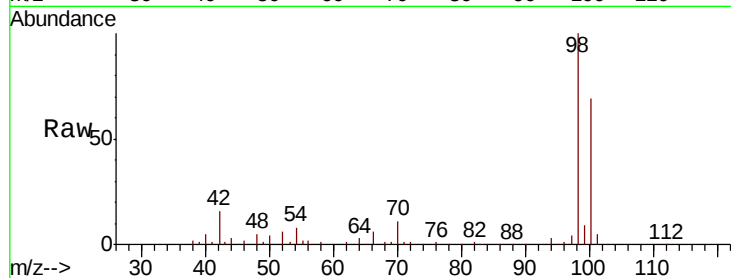
RA-091918-S-SW-058RE

Tot Ion: 98 Resp: 508661

Ion Ratio Lower Upper

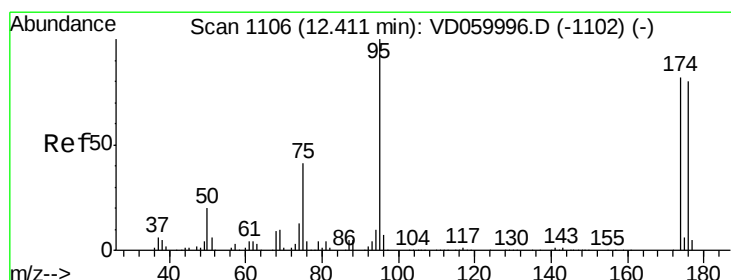
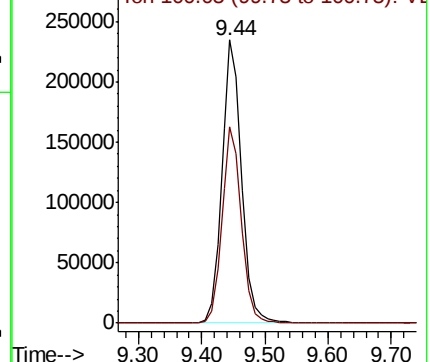
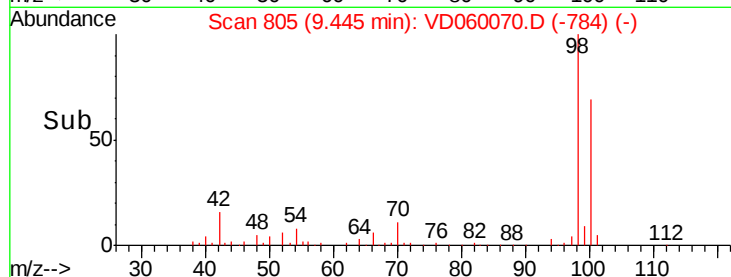
98 100

100 69.4 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060070.D

Acq: 21 Sep 2018 14:39

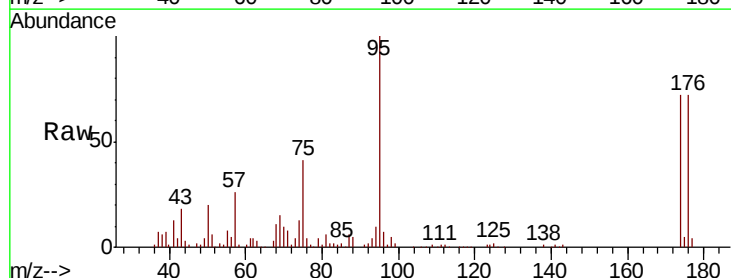
Tgt Ion: 95 Resp: 205633

Ion Ratio Lower Upper

95 100

174 72.0 0.0 165.0

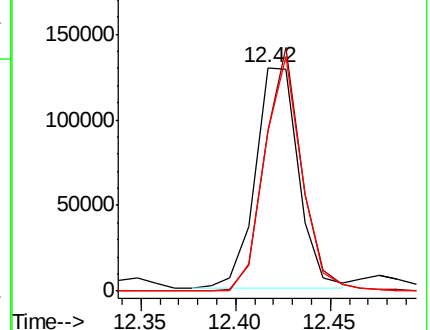
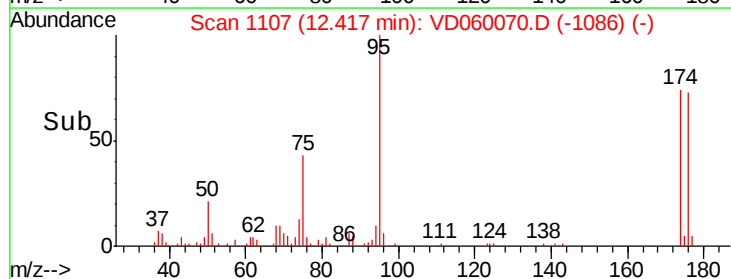
176 71.5 0.0 160.2

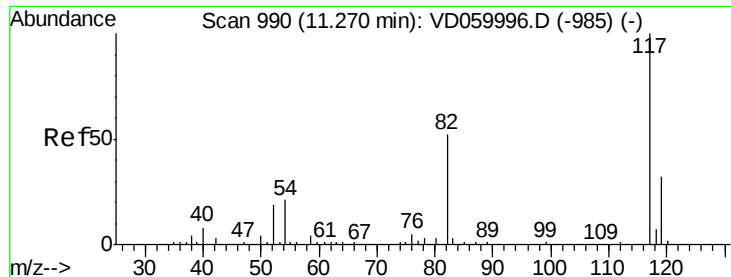


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

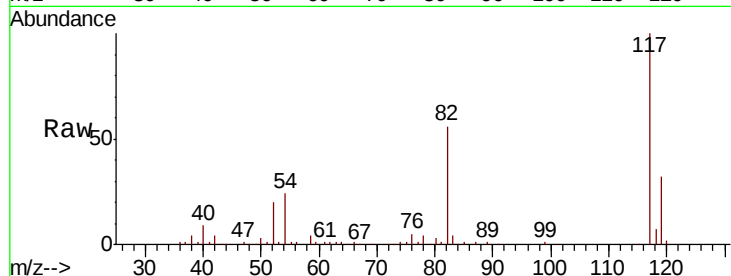




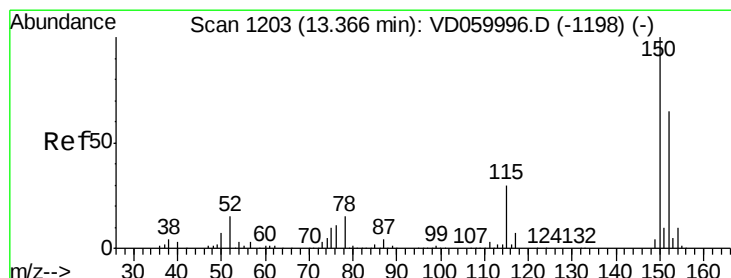
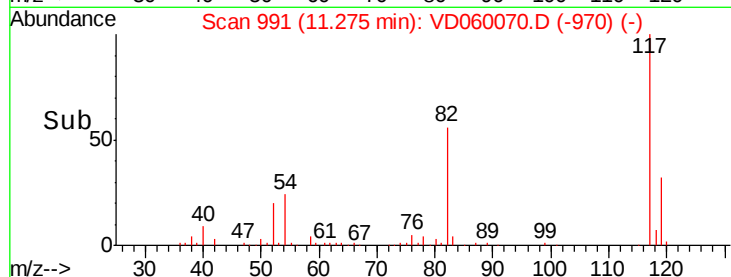
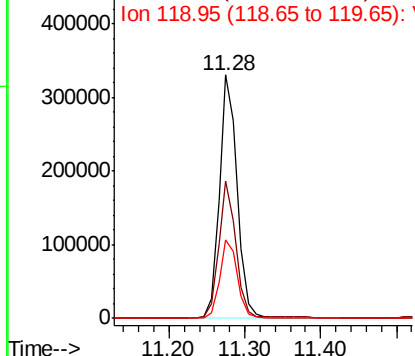
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.28 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VD060070.D
 Acq: 21 Sep 2018 14:39

Instrument :
 MSVOA_D
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 RA-091918-S-SW-058RE

Tot Ion:117 Resp: 541114
 Ion Ratio Lower Upper
 117 100
 82 56.4 41.7 62.5
 119 32.0 26.0 39.0

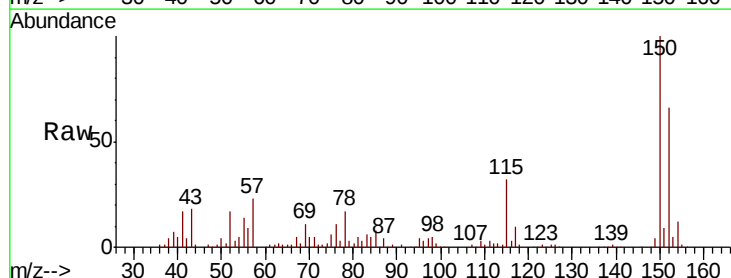


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060070.D
 Acq: 21 Sep 2018 14:39

Tgt Ion:152 Resp: 238698
 Ion Ratio Lower Upper
 152 100
 115 48.6 24.6 73.8
 150 152.2 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

