

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061588.D
 Acq On : 4 Apr 2019 19:31
 Operator : VA/AP
 Sample : K2258-02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE

Quant Time: Apr 05 01:59:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

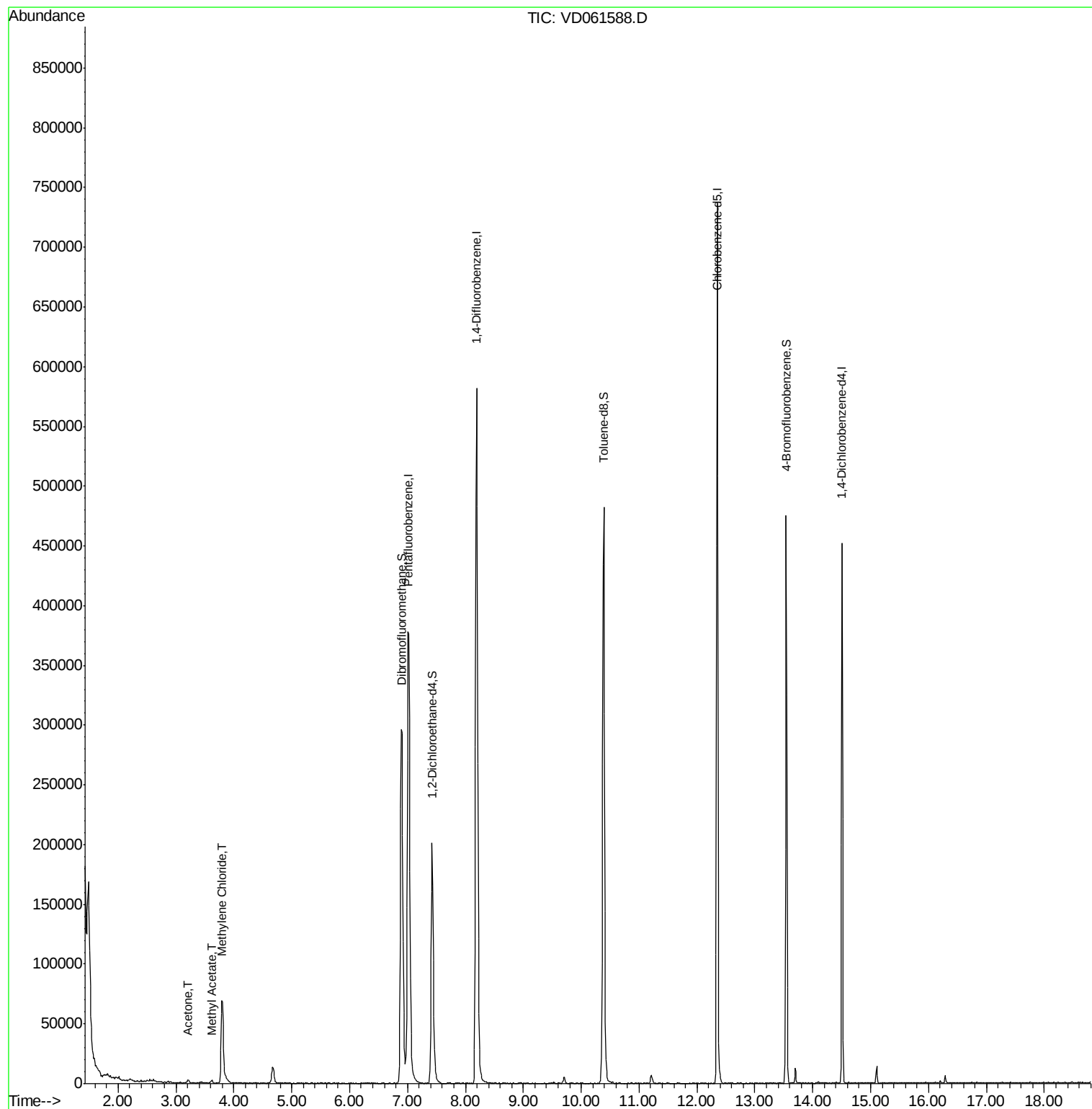
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	408683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	709819	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	450855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	99826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	199944	57.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.54%	
35) Dibromofluoromethane	6.89	113	291313	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
50) Toluene-d8	10.39	98	434681	33.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.82%	
62) 4-Bromofluorobenzene	13.54	95	146988	29.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.92%	
Target Compounds						
16) Acetone	3.21	43	4856	5.411	ug/l	96
18) Methyl Acetate	3.63	43	3741	1.983	ug/l	91
20) Methylene Chloride	3.79	84	57581	9.914	ug/l	94

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD061588.D

Acq: 4 Apr 2019 19:31

Instrument :

MSVOA_D

ClientSampleId :

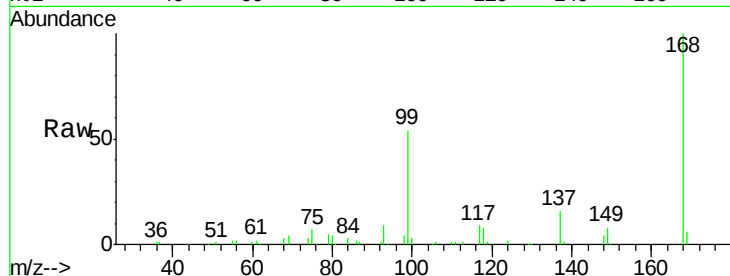
STONE

Tot Ion:168 Resp: 408683

Ion Ratio Lower Upper

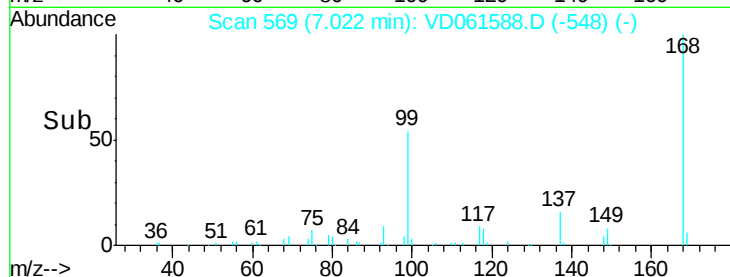
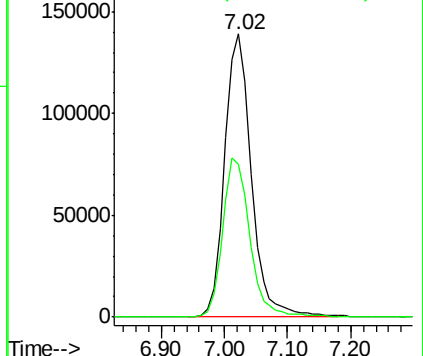
168 100

99 54.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 5.411 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061588.D

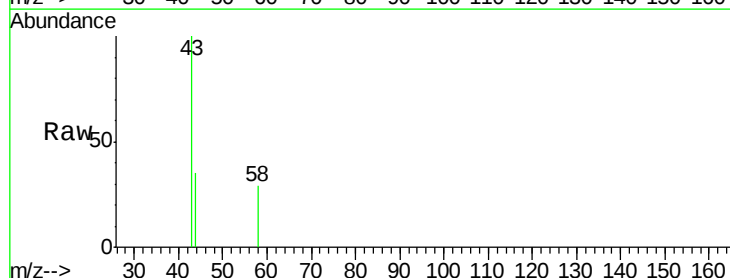
Acq: 4 Apr 2019 19:31

Tgt Ion: 43 Resp: 4856

Ion Ratio Lower Upper

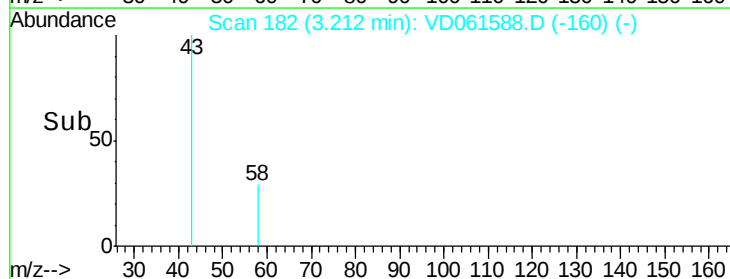
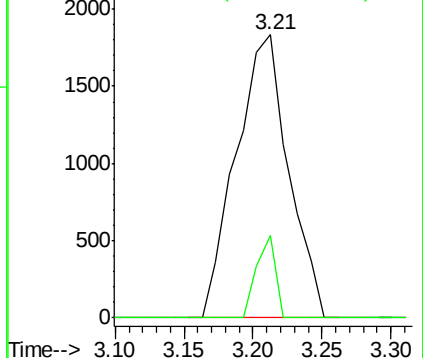
43 100

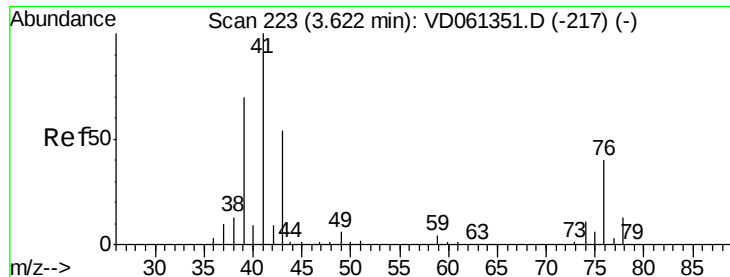
58 29.1 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

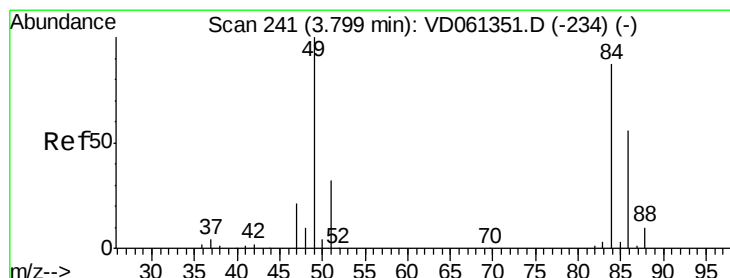
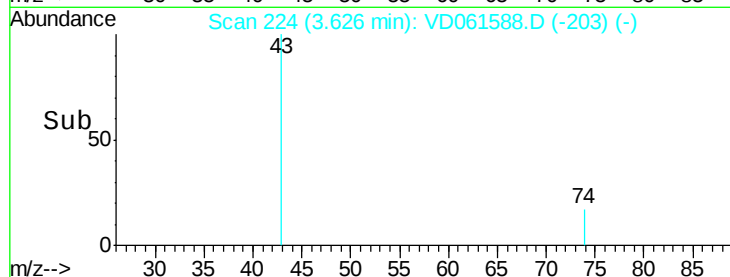
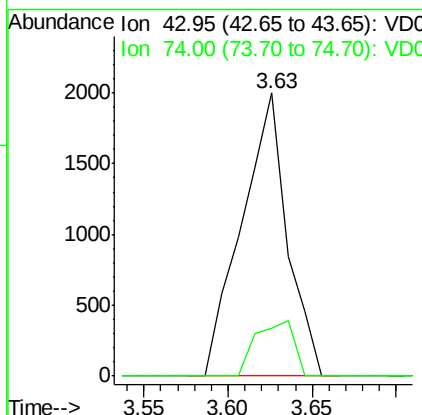
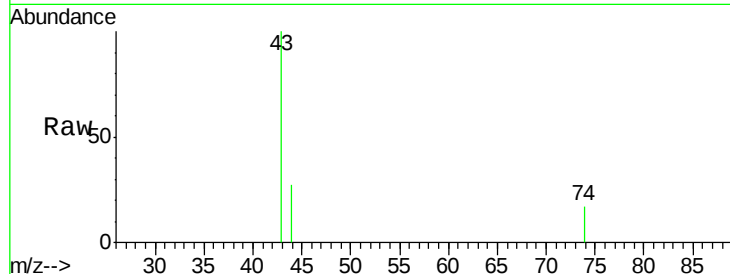




#18
Methyl Acetate
Concen: 1.983 ug/l
RT: 3.63 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD061588.D
Acq: 4 Apr 2019 19:31

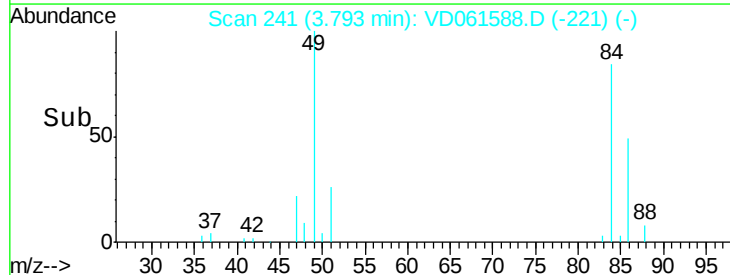
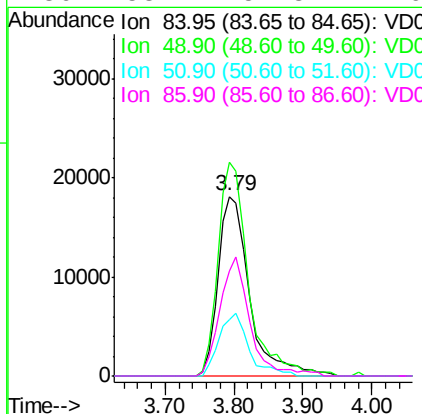
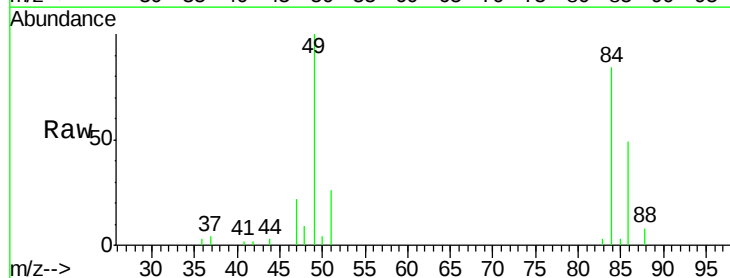
Instrument :
MSVOA_D
ClientSampleId :
STONE

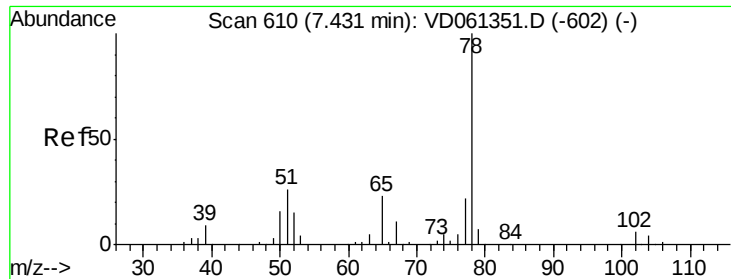
Tot Ion: 43 Resp: 3741
Ion Ratio Lower Upper
43 100
74 16.8 16.7 25.1



#20
Methylene Chloride
Concen: 9.914 ug/l
RT: 3.79 min Scan# 241
Delta R.T. -0.01 min
Lab File: VD061588.D
Acq: 4 Apr 2019 19:31

Tgt Ion: 84 Resp: 57581
Ion Ratio Lower Upper
84 100
49 118.9 91.8 137.8
51 31.4 29.8 44.8
86 58.1 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD061588.D

Acq: 4 Apr 2019 19:31

Instrument :

MSVOA_D

ClientSampled :

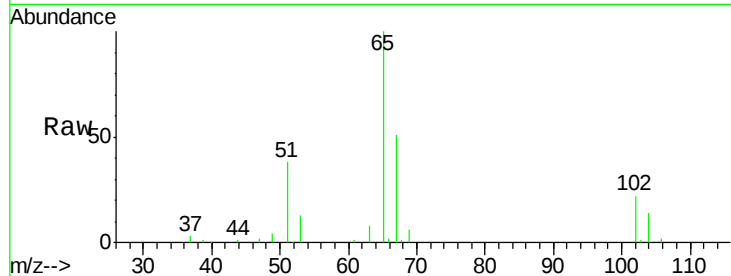
STONE

Tot Ion: 65 Resp: 199944

Ion Ratio Lower Upper

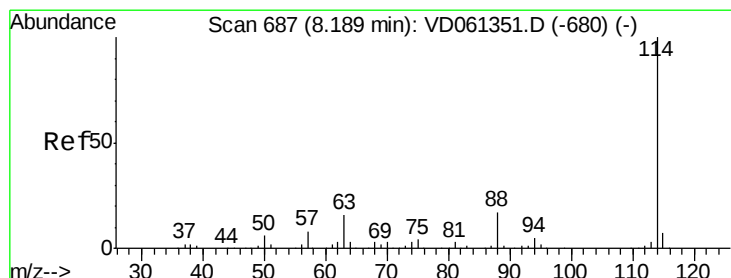
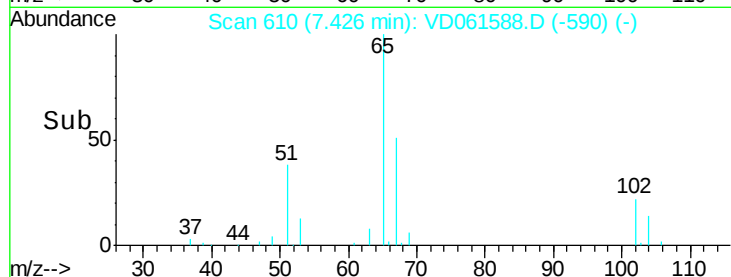
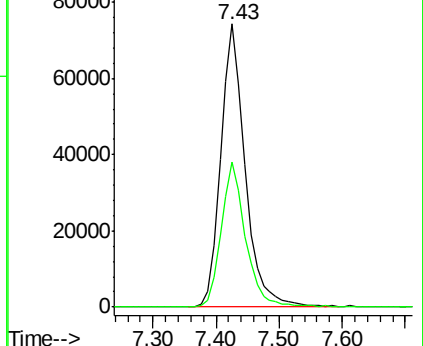
65 100

67 51.1 0.0 99.8



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: 8.19 min Scan# 688

Delta R.T. 0.00 min

Lab File: VD061588.D

Acq: 4 Apr 2019 19:31

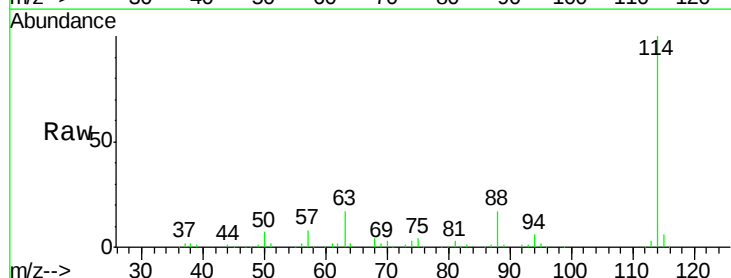
Tgt Ion:114 Resp: 709819

Ion Ratio Lower Upper

114 100

63 16.6 0.0 31.6

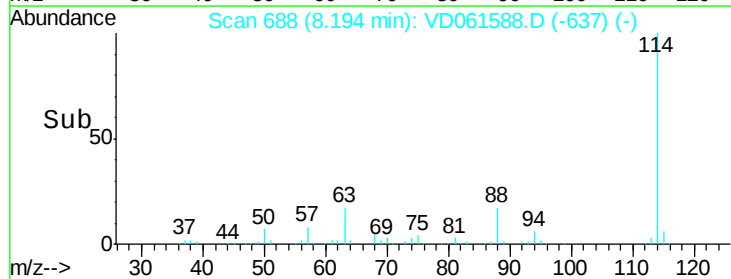
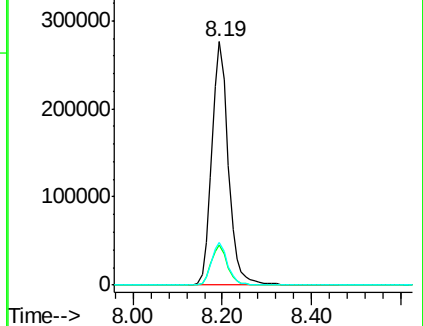
88 17.3 0.0 33.4



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

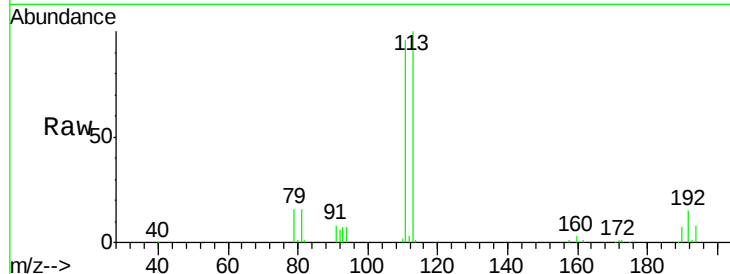




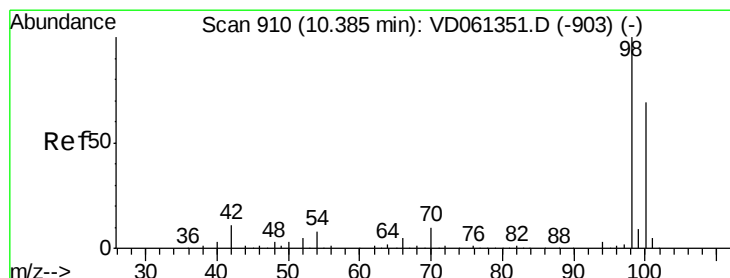
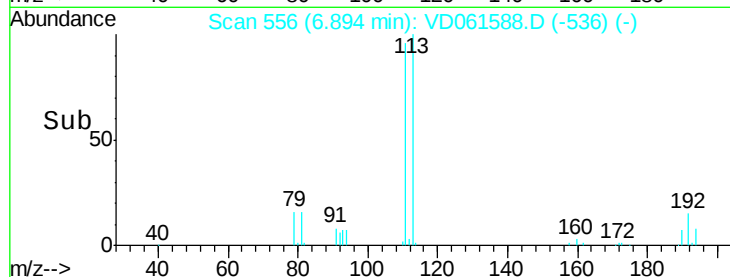
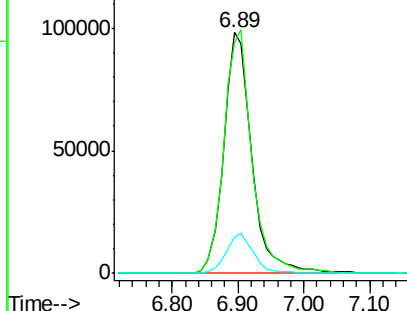
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: VD061588.D
 Acq: 4 Apr 2019 19:31

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE

Tot Ion	Ratio	Lower	Upper
113	100		
111	96.2	81.0	121.6
192	15.1	14.4	21.6

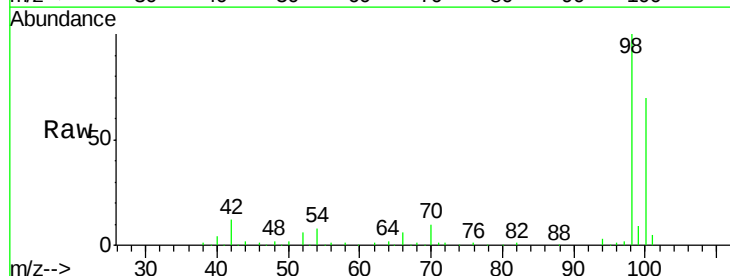


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

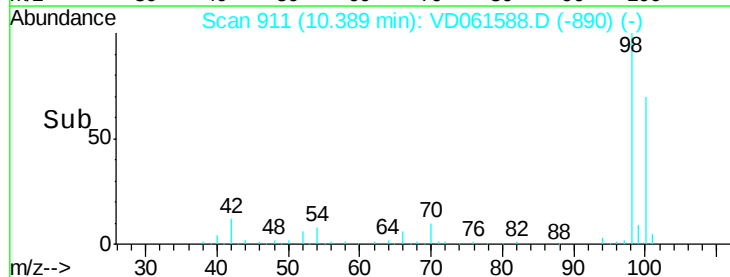
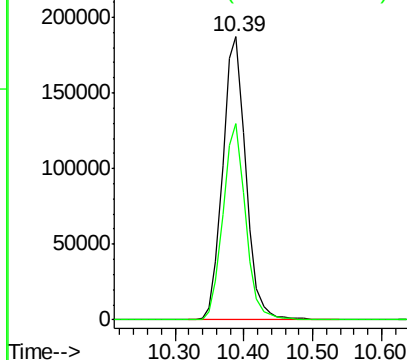


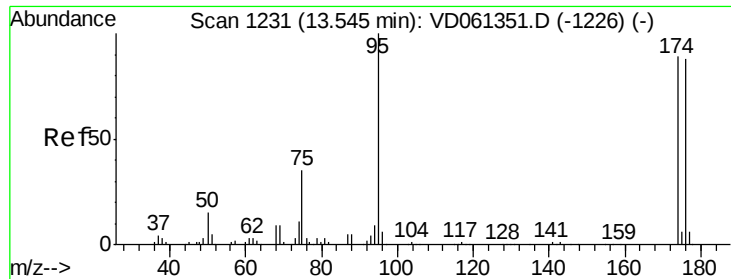
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: VD061588.D
 Acq: 4 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.6	56.2	84.2



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

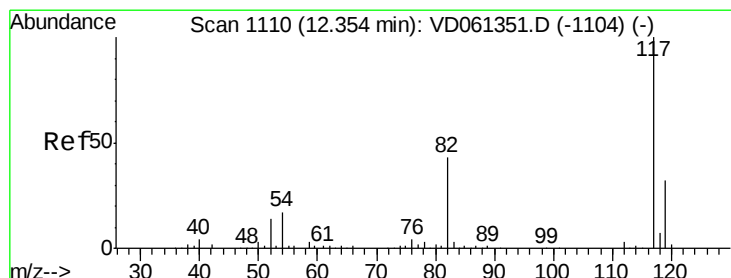
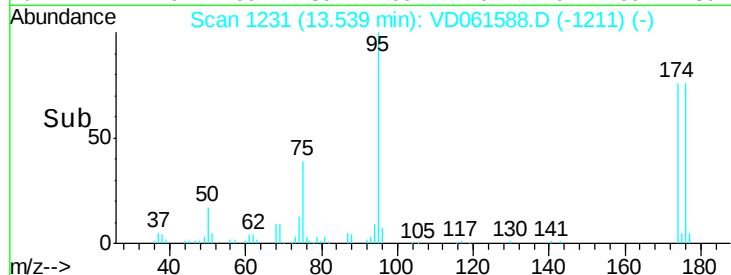
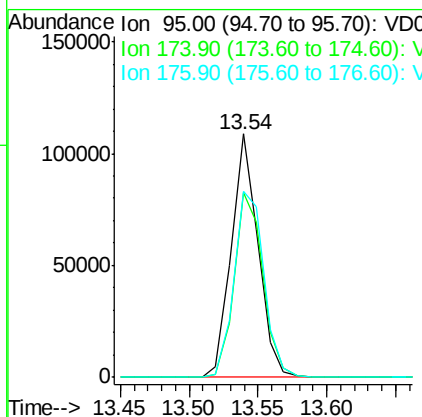
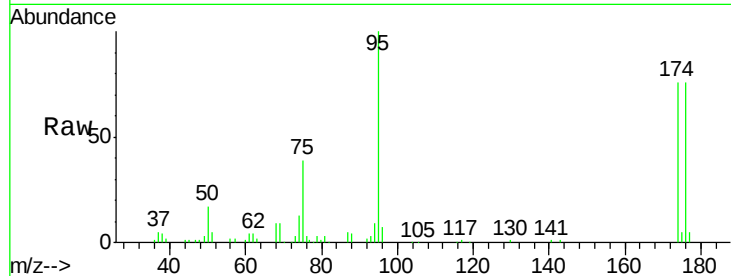




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061588.D
Acq: 4 Apr 2019 19:31

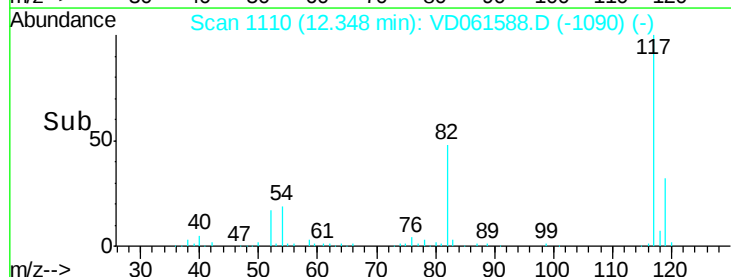
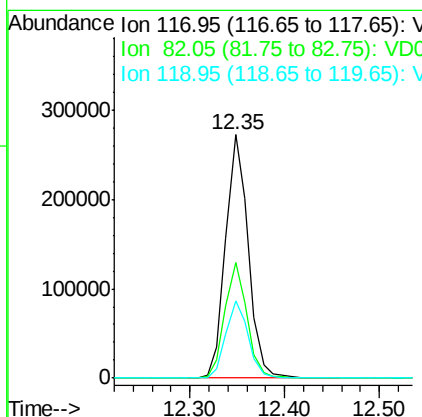
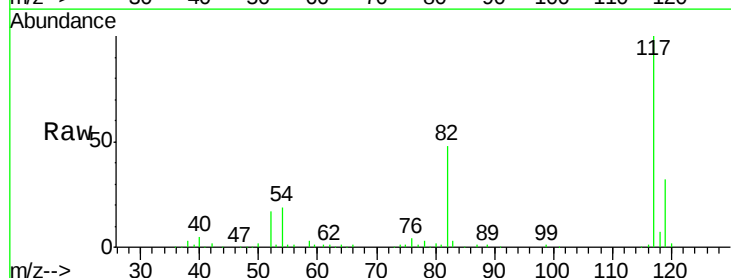
Instrument :
MSVOA_D
ClientSampled :
STONE

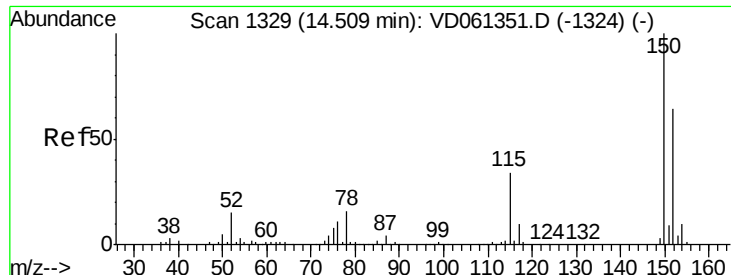
Tot Ion: 95 Resp: 146988
Ion Ratio Lower Upper
95 100
174 75.8 0.0 178.0
176 76.3 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061588.D
Acq: 4 Apr 2019 19:31

Tgt Ion: 117 Resp: 450855
Ion Ratio Lower Upper
117 100
82 47.5 34.4 51.6
119 31.7 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061588.D
 Acq: 4 Apr 2019 19:31

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE

Tot Ion:152 Resp: 99826
 Ion Ratio Lower Upper
 152 100
 115 57.3 26.9 80.6
 150 155.9 0.0 318.0

