

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061596.D
 Acq On : 4 Apr 2019 23:14
 Operator : VA/AP
 Sample : K2231-02
 Misc : 3.49g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-13

Quant Time: Apr 05 02:21:56 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

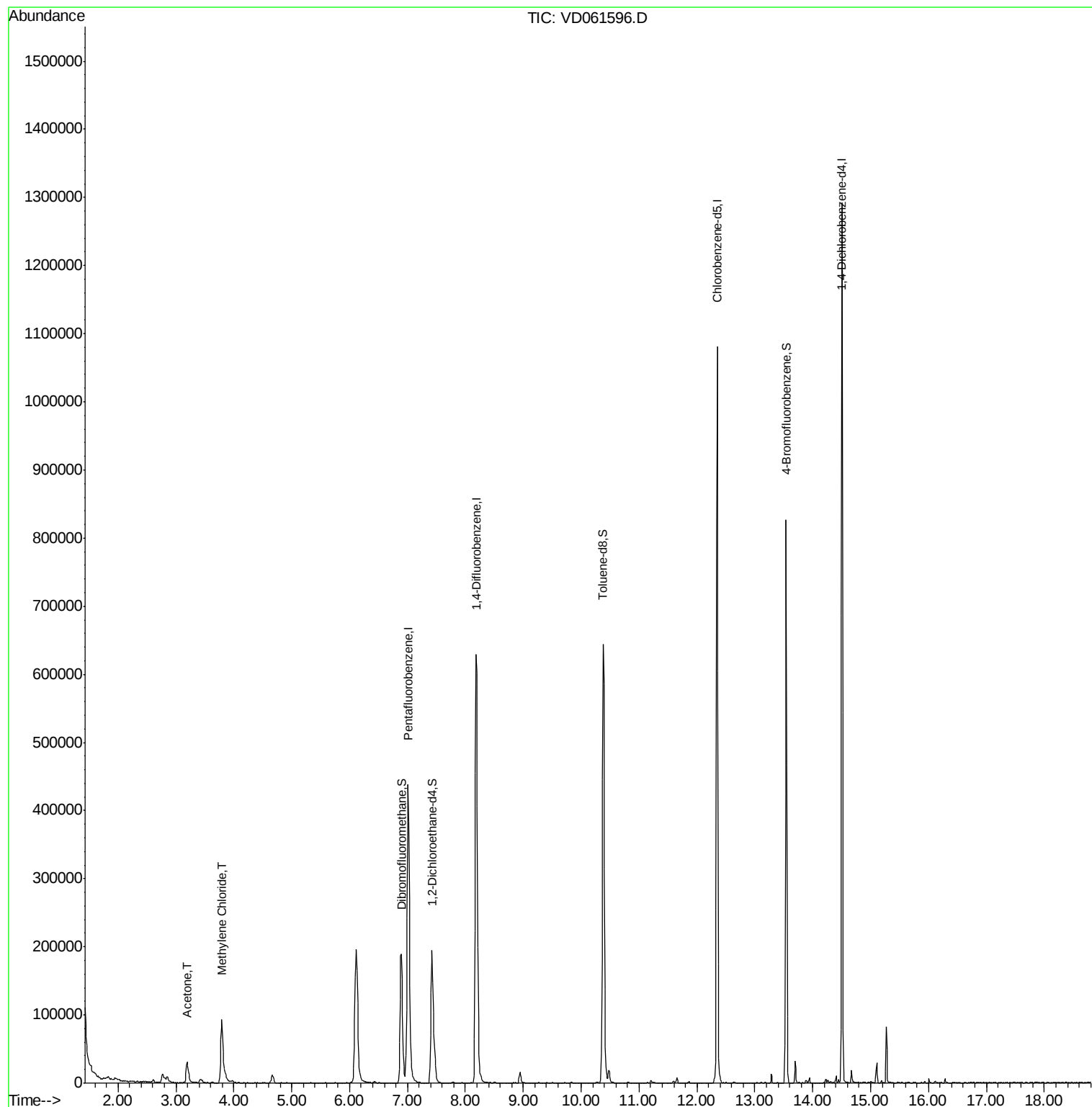
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	457748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	790846	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	655982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	284584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	188249	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
35) Dibromofluoromethane	6.88	113	187615	31.04	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	62.08%	
50) Toluene-d8	10.38	98	563592	38.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.76%	
62) 4-Bromofluorobenzene	13.54	95	247478	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
16) Acetone	3.19	43	62390	62.067	ug/l	100
20) Methylene Chloride	3.79	84	70700	11.060	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

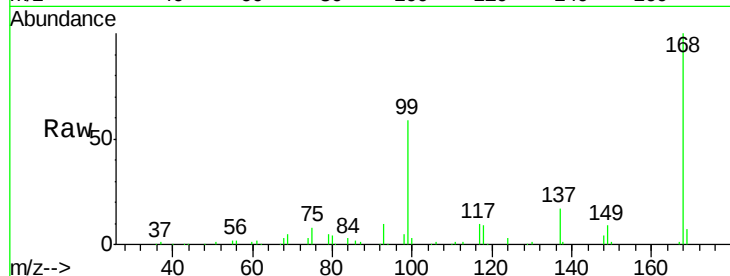
RICH-REC-ROAD-STONE-13

Tot Ion:168 Resp: 457748

Ion Ratio Lower Upper

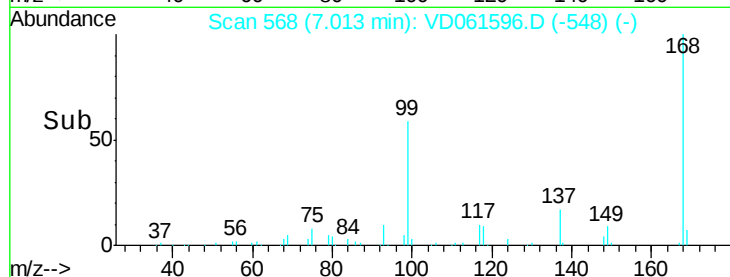
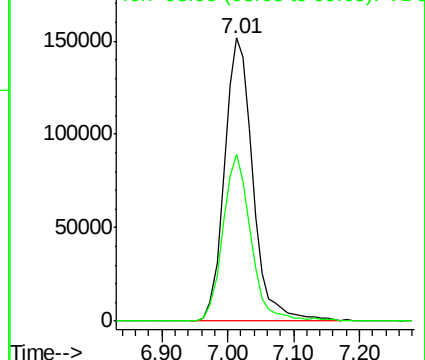
168 100

99 58.9 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: 62.067 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.01 min

Lab File: VD061596.D

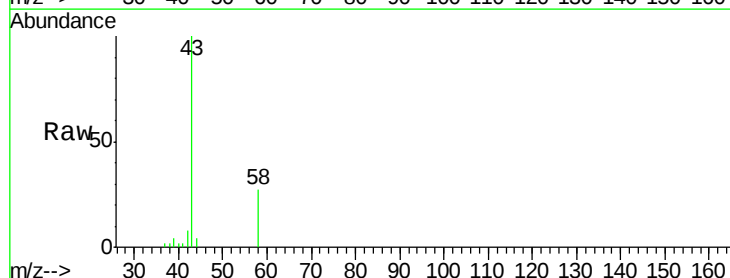
Acq: 4 Apr 2019 23:14

Tgt Ion: 43 Resp: 62390

Ion Ratio Lower Upper

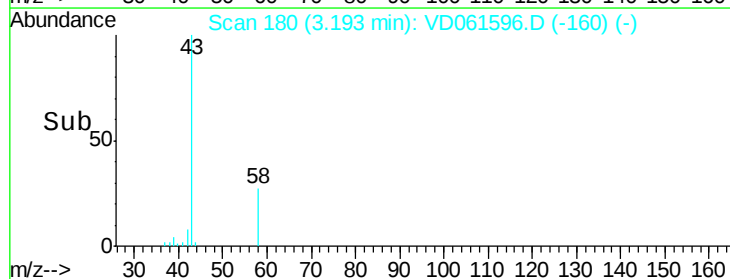
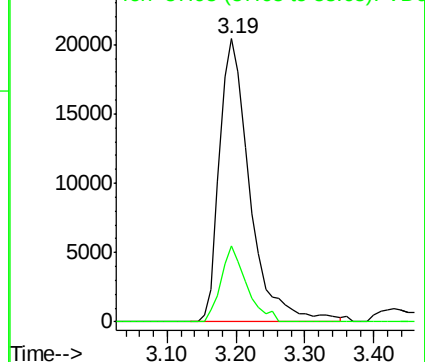
43 100

58 26.9 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 11.060 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD061596.D

Acq: 4 Apr 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

RICH-REC-ROAD-STONE-13

Tot Ion: 84 Resp: 70700

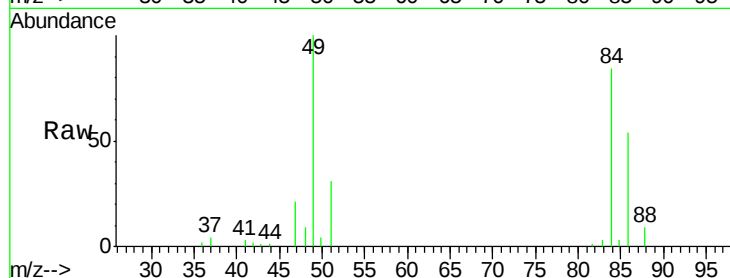
Ion Ratio Lower Upper

84 100

49 119.4 91.8 137.8

51 36.5 29.8 44.8

86 64.3 51.8 77.6

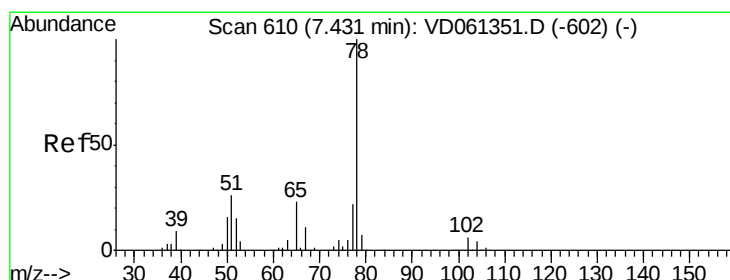
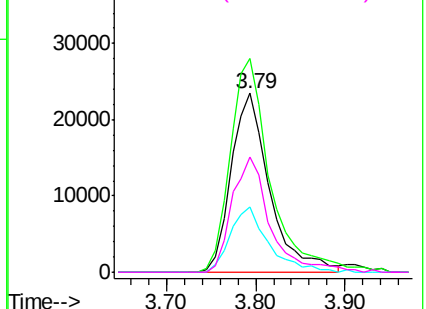
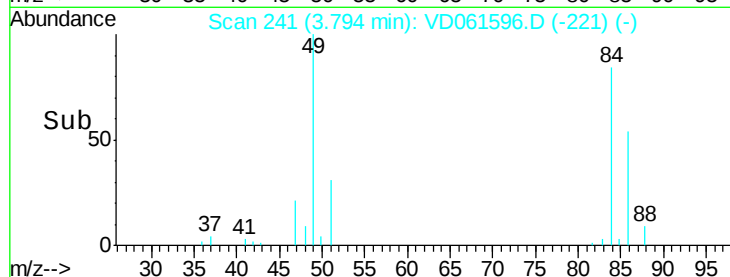


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD061596.D

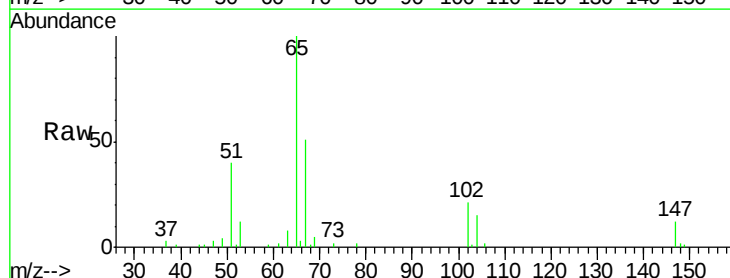
Acq: 4 Apr 2019 23:14

Tgt Ion: 65 Resp: 188249

Ion Ratio Lower Upper

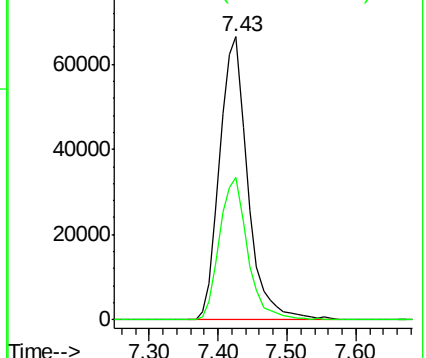
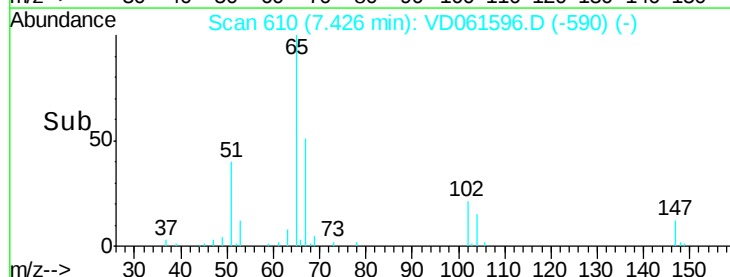
65 100

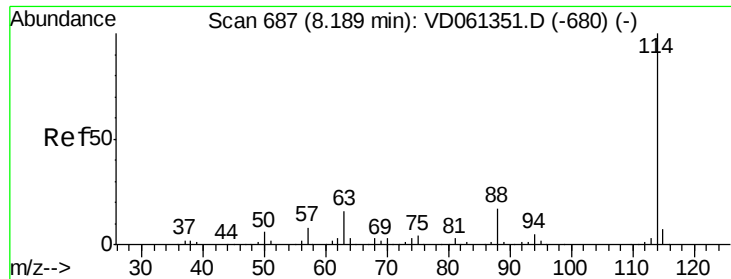
67 50.5 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

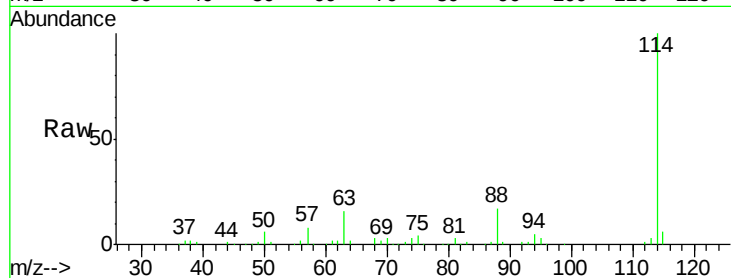




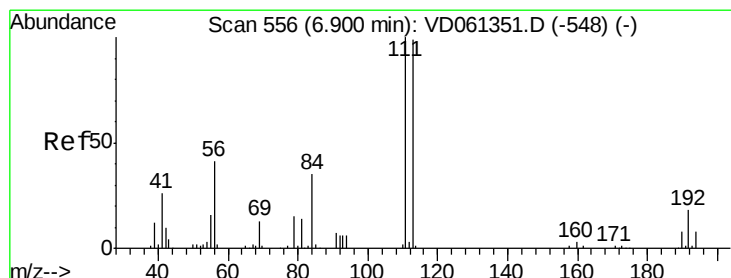
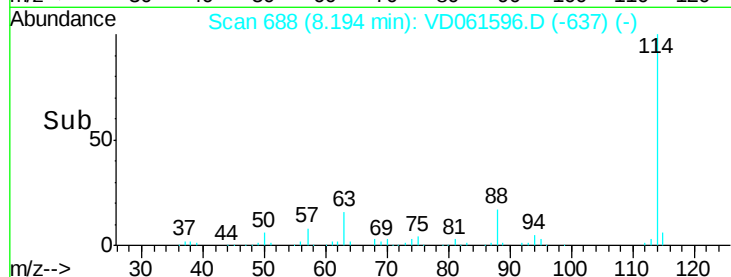
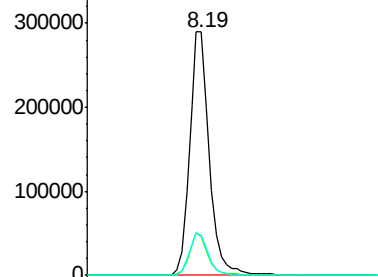
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD061596.D
 Acq: 4 Apr 2019 23:14

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-13

Tot Ion:114 Resp: 790846
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.6
 88 16.6 0.0 33.4

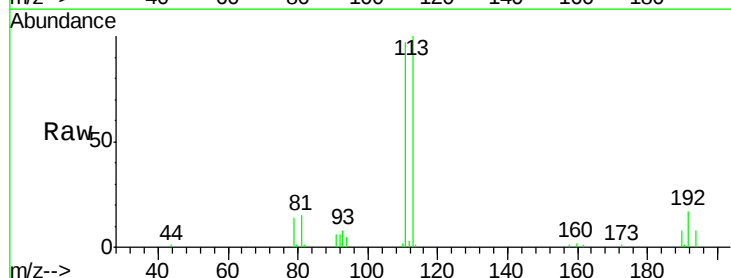


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

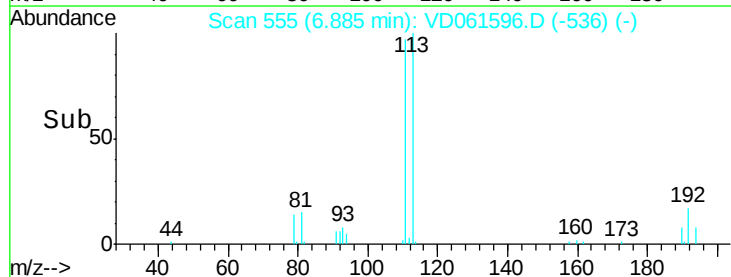
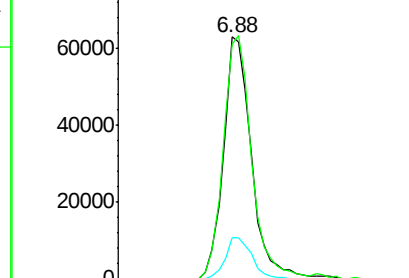


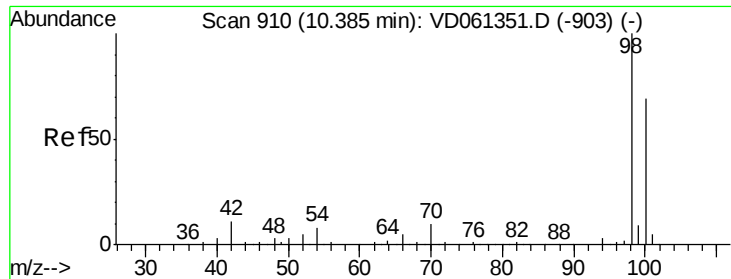
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.88 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: VD061596.D
 Acq: 4 Apr 2019 23:14

Tgt Ion:113 Resp: 187615
 Ion Ratio Lower Upper
 113 100
 111 97.1 81.0 121.6
 192 17.1 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

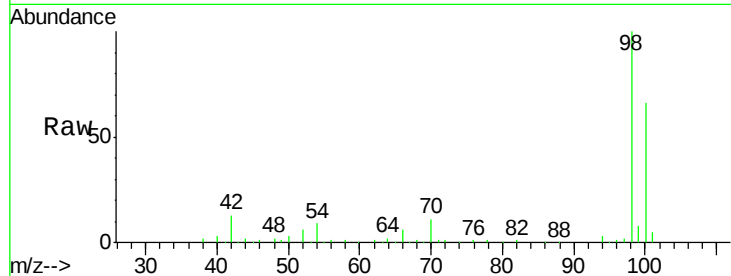




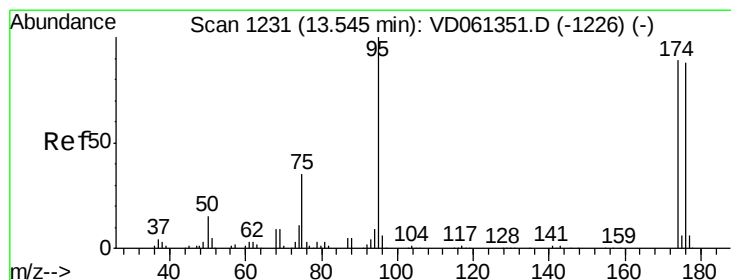
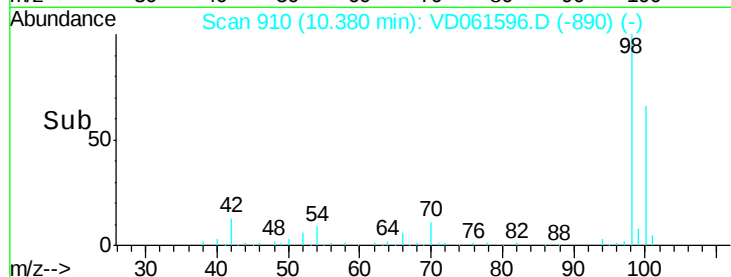
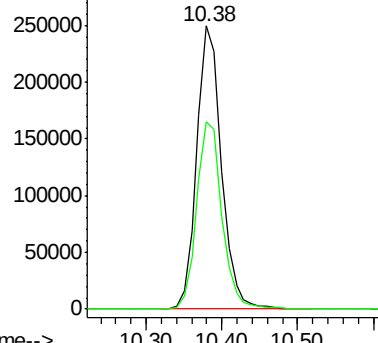
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.01 min
Lab File: VD061596.D
Acq: 4 Apr 2019 23:14

Instrument :
MSVOA_D
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RICH-REC-ROAD-STONE-13

Tot Ion: 98 Resp: 563592
Ion Ratio Lower Upper
98 100
100 66.4 56.2 84.2

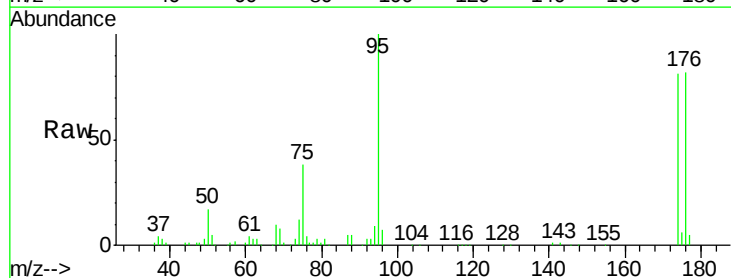


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

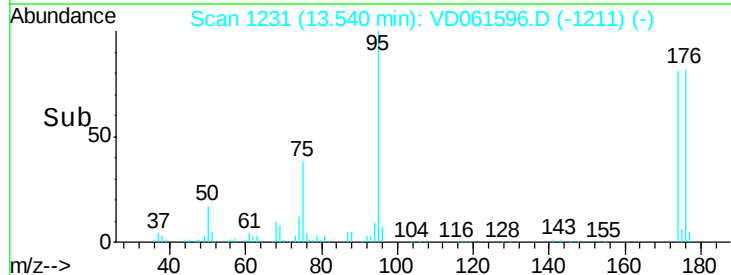
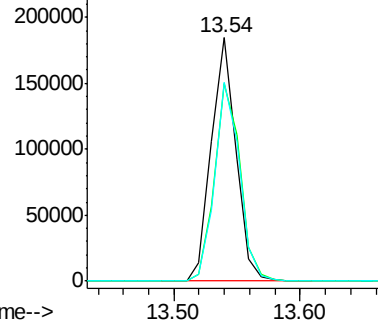


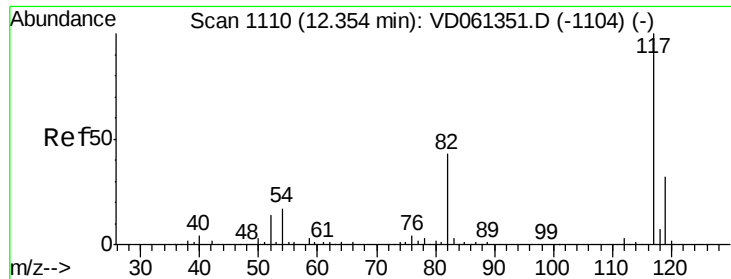
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061596.D
Acq: 4 Apr 2019 23:14

Tgt Ion: 95 Resp: 247478
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.0
176 81.6 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

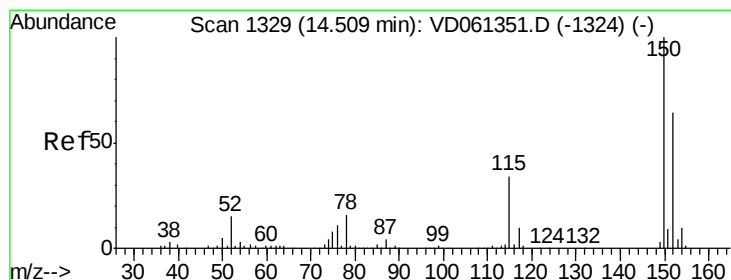
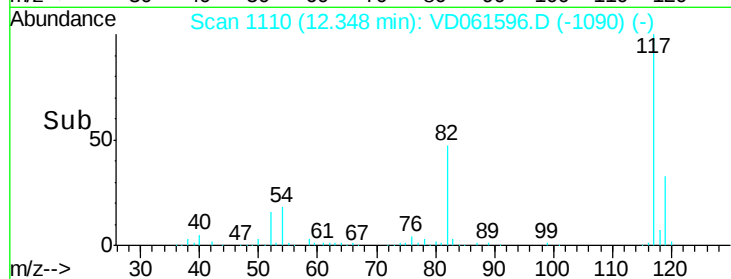
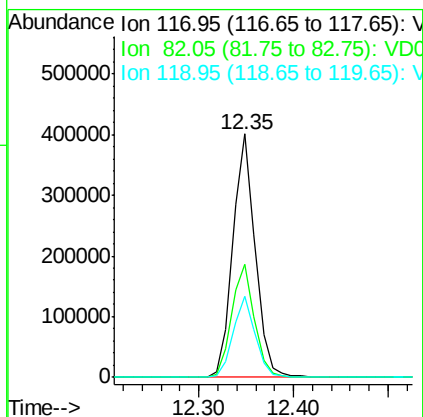
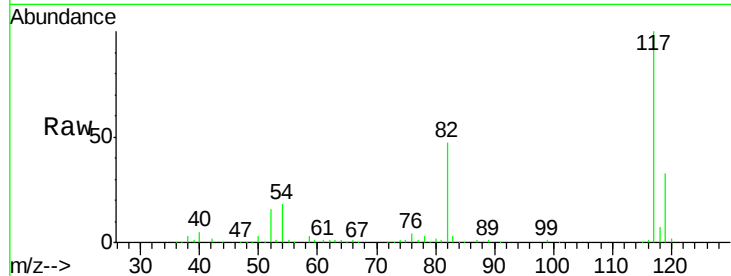




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061596.D
Acq: 4 Apr 2019 23:14

Instrument :
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Tot Ion:117 Resp: 655982
Ion Ratio Lower Upper
117 100
82 46.5 34.4 51.6
119 33.4 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: VD061596.D
Acq: 4 Apr 2019 23:14

Tgt Ion:152 Resp: 284584
Ion Ratio Lower Upper
152 100
115 57.7 26.9 80.6
150 157.2 0.0 318.0

