

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060130.D
 Acq On : 4 Oct 2018 15:38
 Operator : VA/AP
 Sample : J5191-01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 155-CLAY

Quant Time: Oct 04 16:14:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

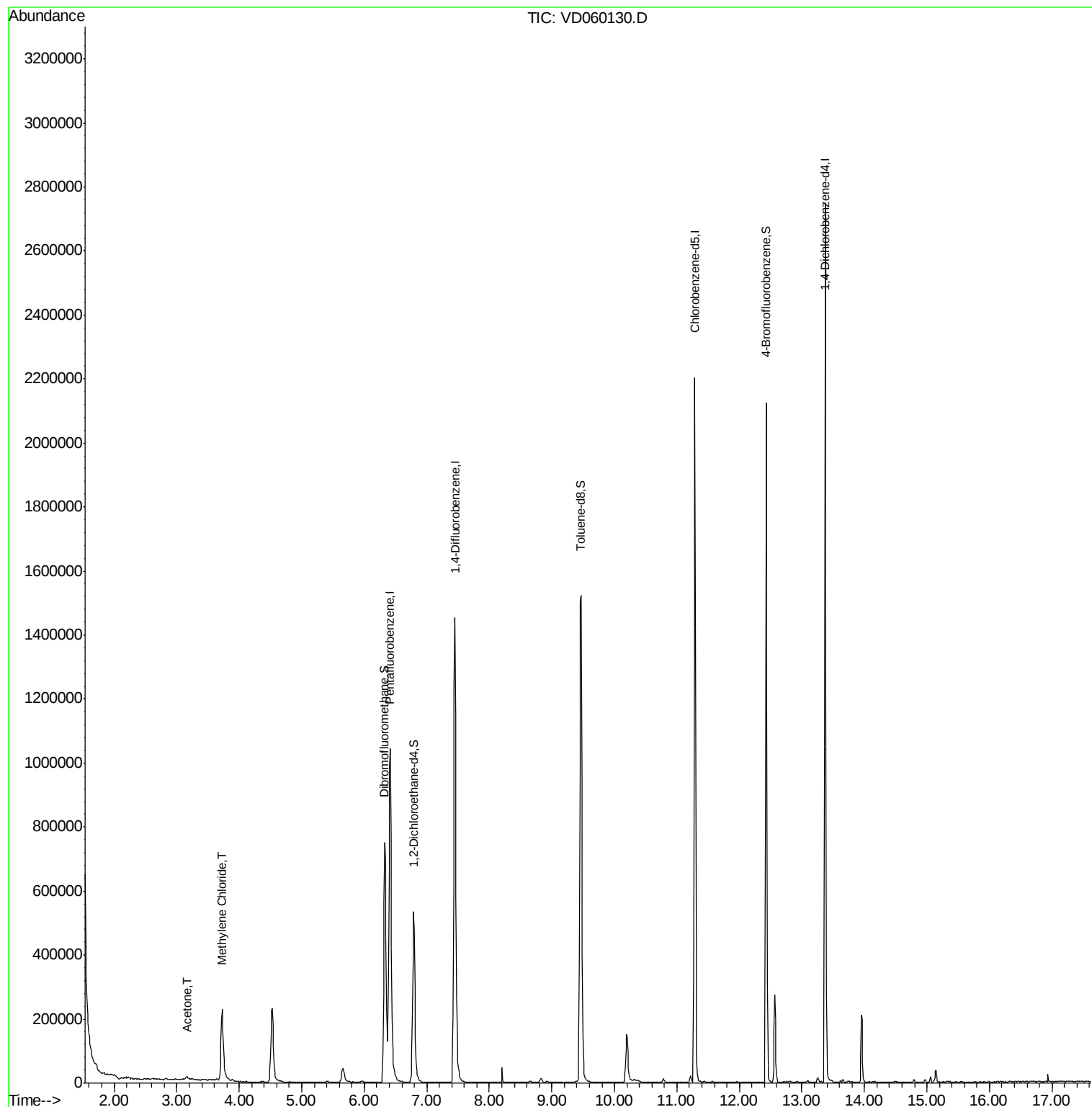
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1037415	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	1531188	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1157017	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	600829	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	424030	53.92	ug/l	0.03
Spiked Amount 50.000			Recovery	=	107.84%	
35) Dibromofluoromethane	6.33	113	601822	51.76	ug/l	0.03
Spiked Amount 50.000			Recovery	=	103.52%	
50) Toluene-d8	9.47	98	1322624	39.89	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.78%	
62) 4-Bromofluorobenzene	12.43	95	585888	47.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
16) Acetone	3.16	43	23213	16.268	ug/l	97
20) Methylene Chloride	3.73	84	140996	9.030	ug/l	98

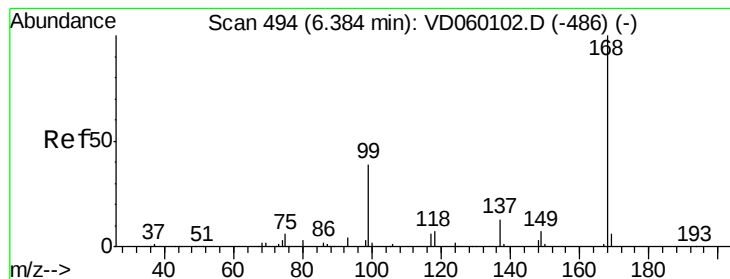
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060130.D

Acq: 4 Oct 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

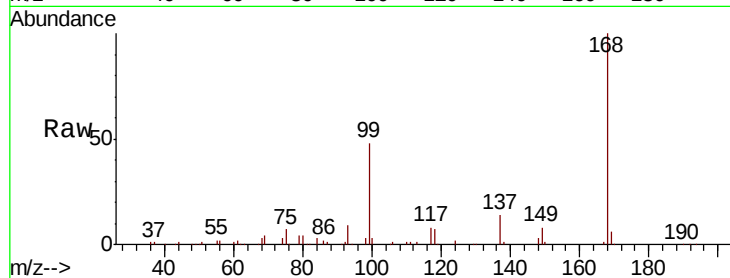
155-CLAY

Tot Ion:168 Resp: 1037415

Ion Ratio Lower Upper

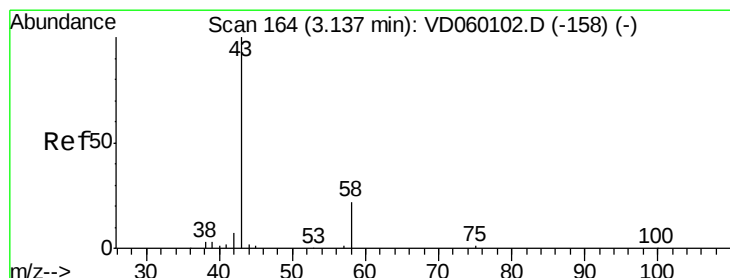
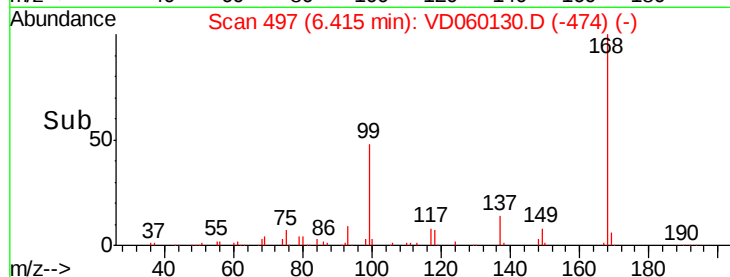
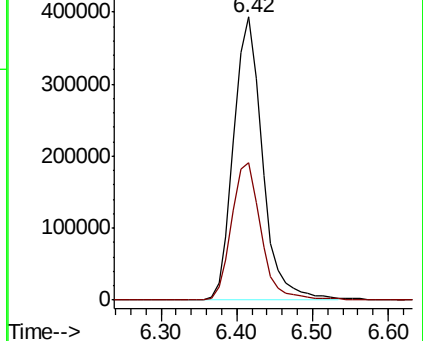
168 100

99 48.4 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 16.268 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060130.D

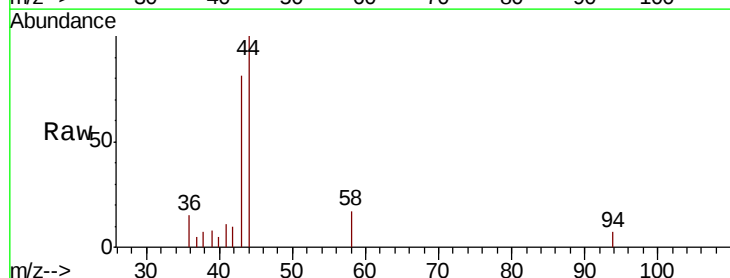
Acq: 4 Oct 2018 15:38

Tgt Ion: 43 Resp: 23213

Ion Ratio Lower Upper

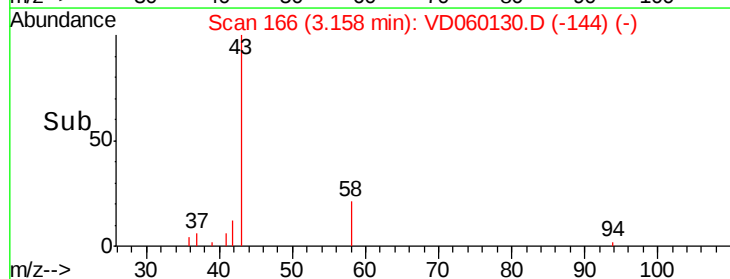
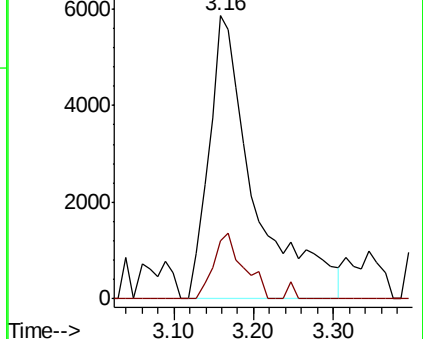
43 100

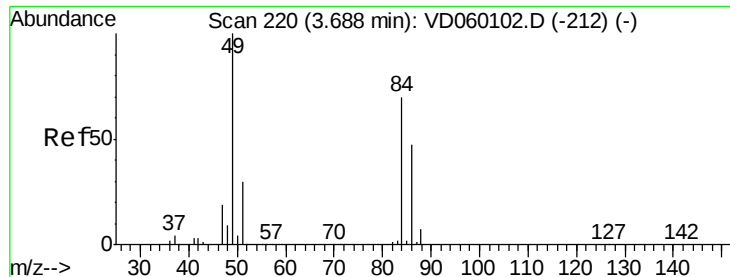
58 20.6 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

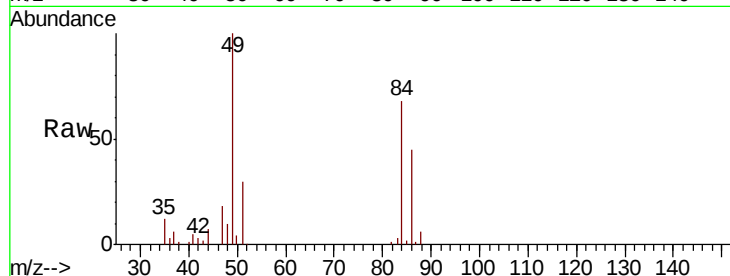




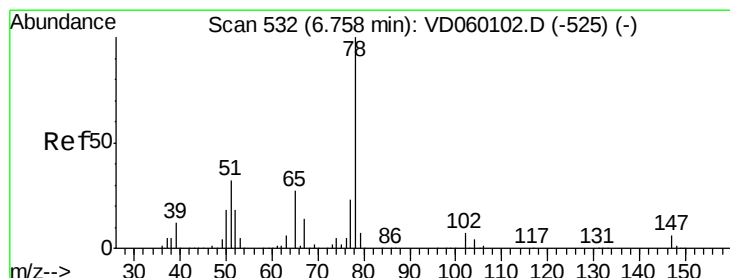
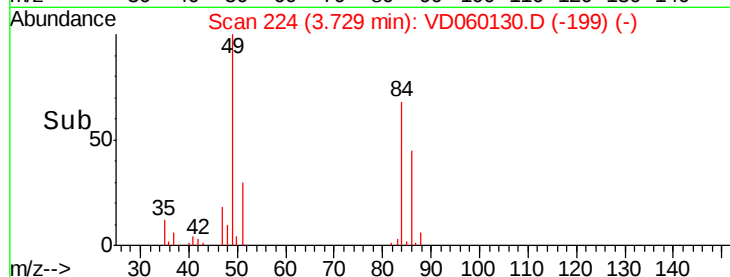
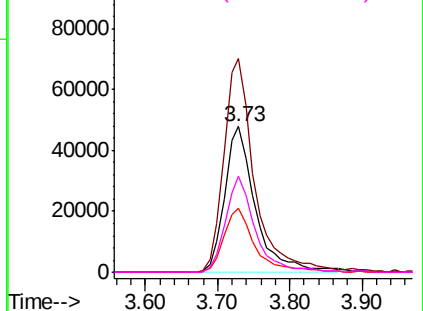
#20
Methylene Chloride
Concen: 9.030 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.04 min
Lab File: VD060130.D
Acq: 4 Oct 2018 15:38

Instrument :
MSVOA_D
ClientSampled :
155-CLAY

Tot Ion: 84 Resp: 140996
Ion Ratio Lower Upper
84 100
49 146.5 114.6 172.0
51 43.7 33.8 50.8
86 66.1 53.3 79.9

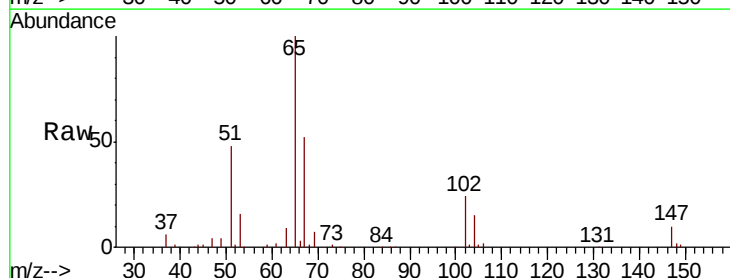


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

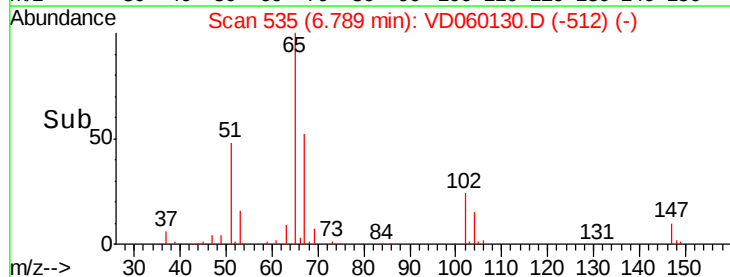
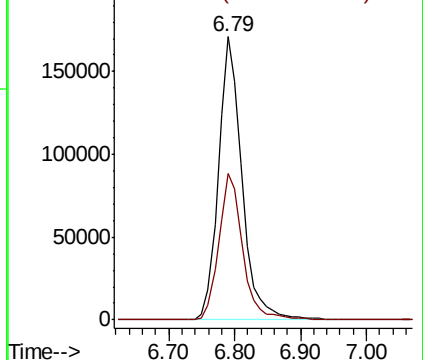


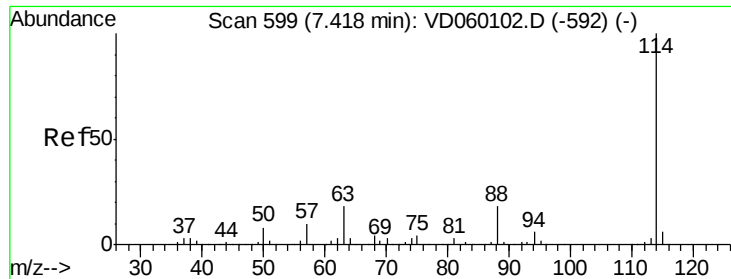
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060130.D
Acq: 4 Oct 2018 15:38

Tgt Ion: 65 Resp: 424030
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

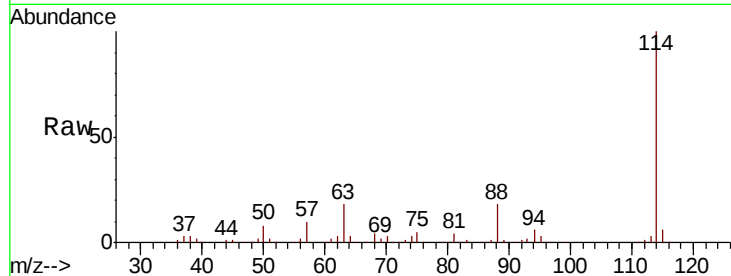




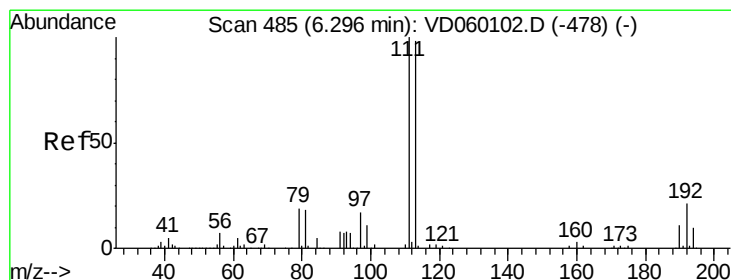
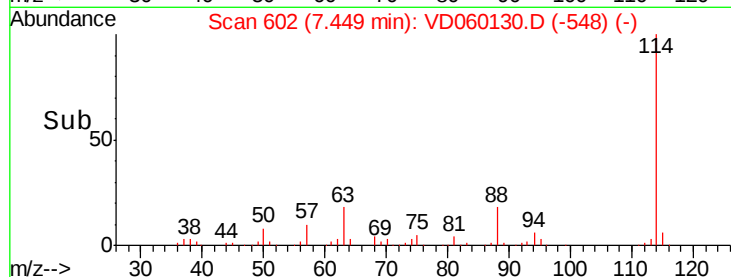
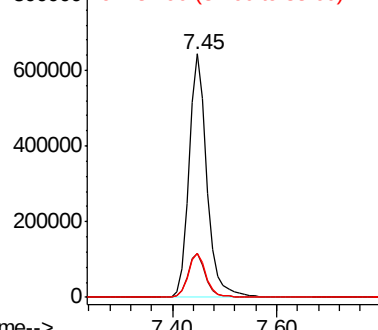
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060130.D
 Acq: 4 Oct 2018 15:38

Instrument :
 MSVOA_D
 ClientSampleId :
 155-CLAY

Tot Ion:114 Resp: 1531188
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.0
 88 18.1 0.0 36.2

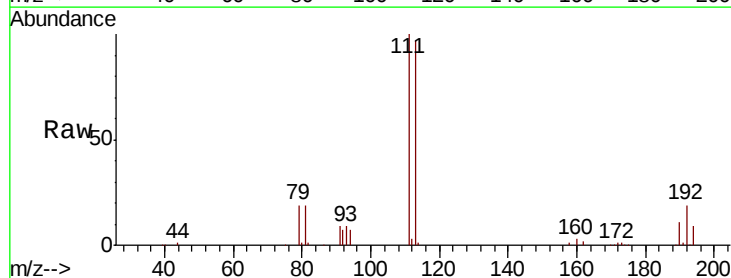


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

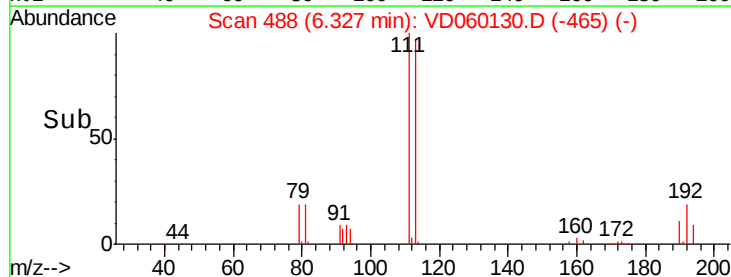
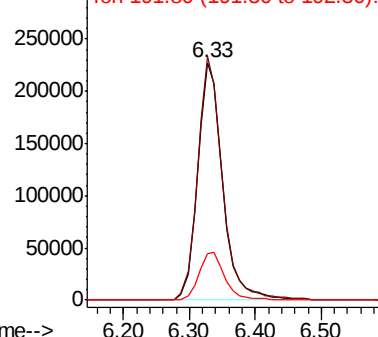


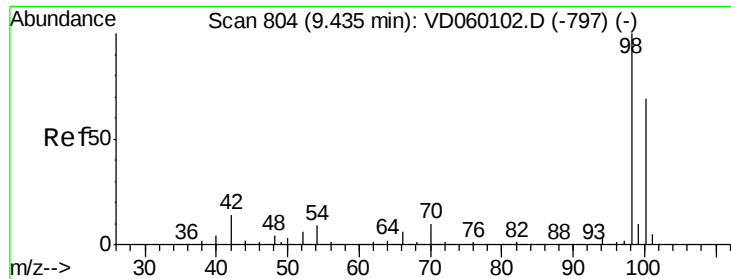
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060130.D
 Acq: 4 Oct 2018 15:38

Tgt Ion:113 Resp: 601822
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.5 122.3
 192 19.7 17.4 26.0



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

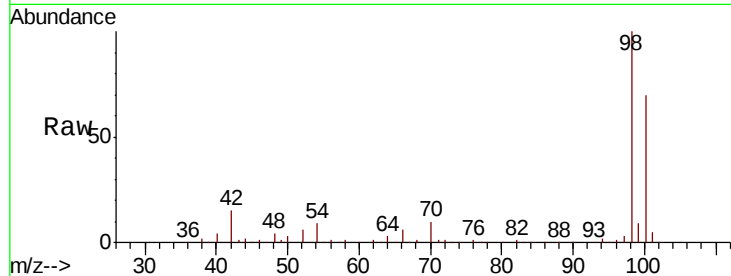




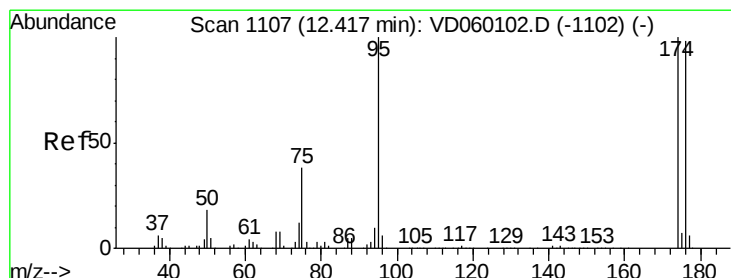
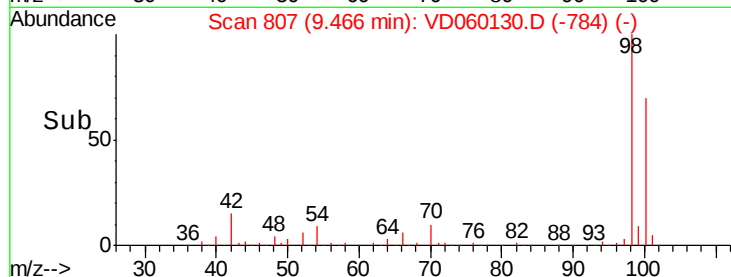
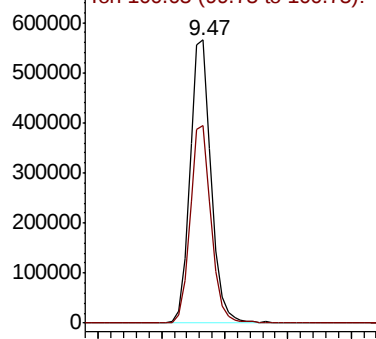
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060130.D
Acq: 4 Oct 2018 15:38

Instrument :
MSVOA_D
ClientSampleId :
155-CLAY

Tot Ion: 98 Resp: 1322624
Ion Ratio Lower Upper
98 100
100 69.7 55.4 83.0

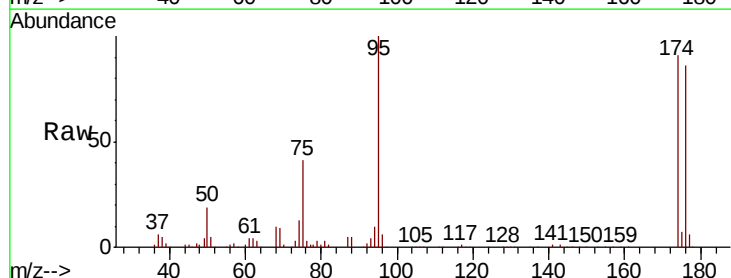


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

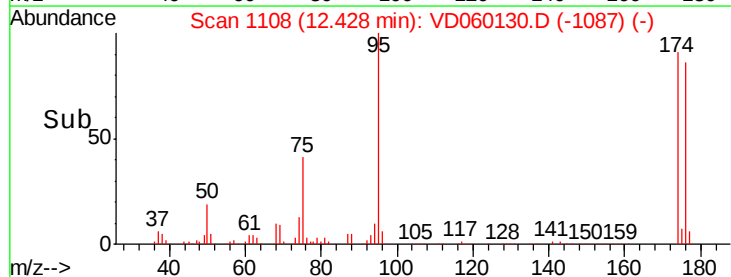
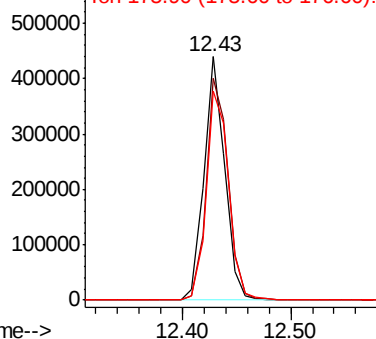


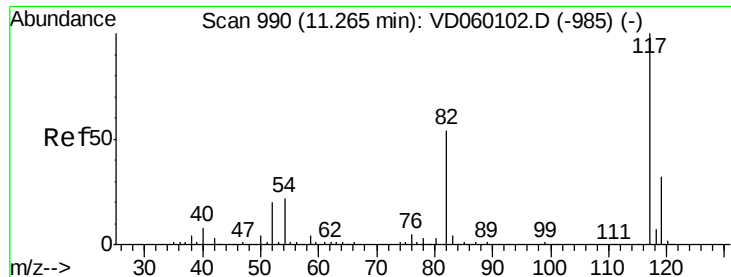
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060130.D
Acq: 4 Oct 2018 15:38

Tgt Ion: 95 Resp: 585888
Ion Ratio Lower Upper
95 100
174 91.3 0.0 200.2
176 86.0 0.0 195.6



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

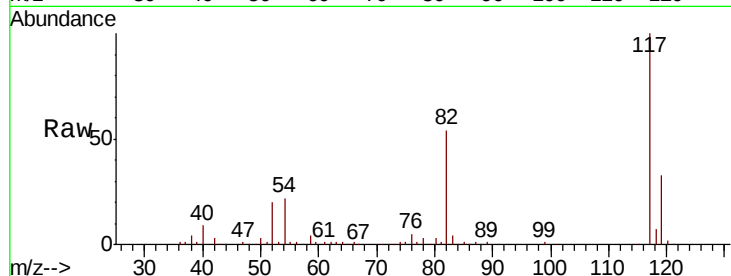




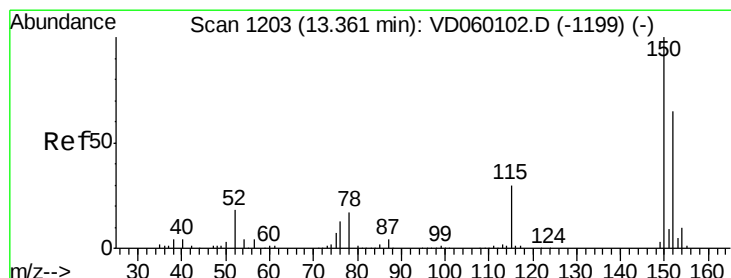
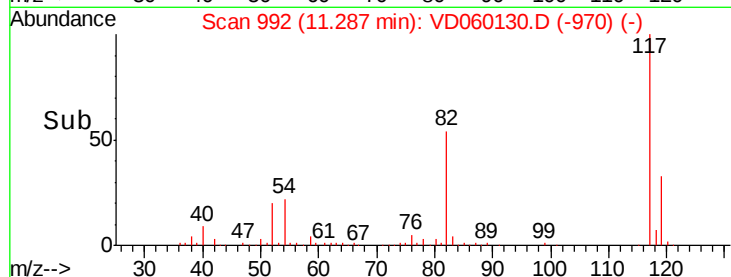
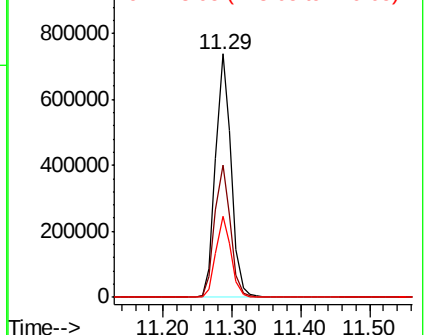
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060130.D
Acq: 4 Oct 2018 15:38

Instrument :
MSVOA_D
ClientSampleId :
155-CLAY

Tot Ion:117 Resp: 1157017
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.2
119 33.1 26.0 39.0

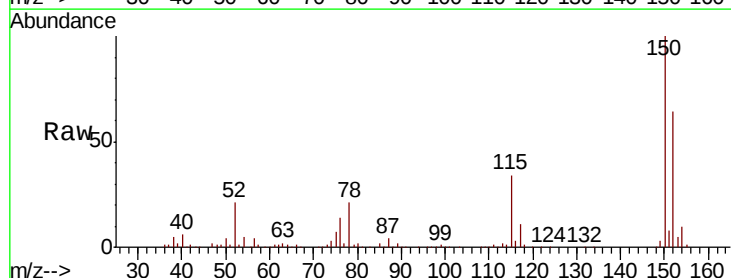


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060130.D
Acq: 4 Oct 2018 15:38

Tgt Ion:152 Resp: 600829
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.2
150 155.6 0.0 311.8



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

