

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060131.D
 Acq On : 4 Oct 2018 16:06
 Operator : VA/AP
 Sample : J5191-05
 Misc : 4.98g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 344-OILY-STONES

Quant Time: Oct 04 16:41:51 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

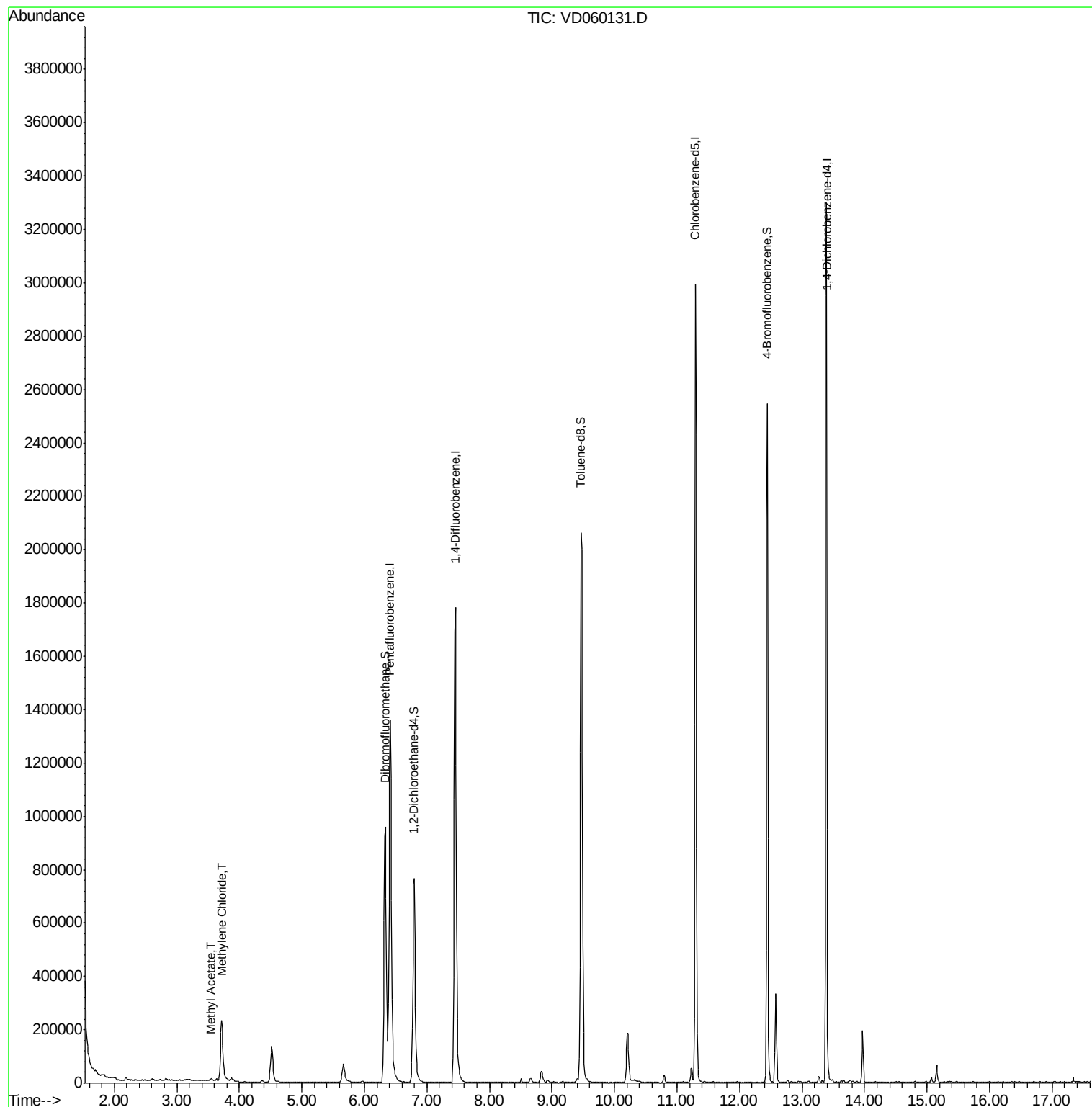
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1337598	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.46	114	1926715	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.29	117	1623457	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	826599	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	606146	59.78	ug/l	0.04
Spiked Amount	50.000		Recovery	=	119.56%	
35) Dibromofluoromethane	6.33	113	773991	52.90	ug/l	0.04
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	9.46	98	1726510	41.38	ug/l	0.03
Spiked Amount	50.000		Recovery	=	82.76%	
62) 4-Bromofluorobenzene	12.45	95	752832	48.19	ug/l	0.03
Spiked Amount	50.000		Recovery	=	96.38%	
Target Compounds						
18) Methyl Acetate	3.55	43	20744	5.246	ug/l #	90
20) Methylene Chloride	3.72	84	142759	6.080	ug/l	98

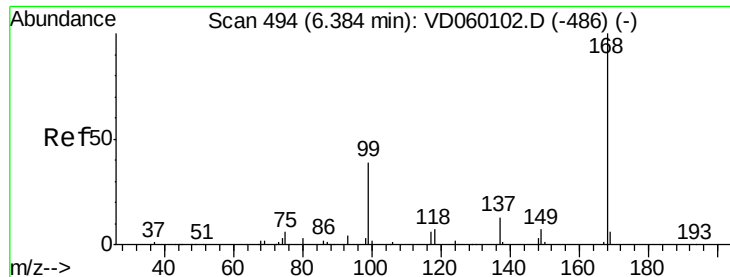
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060131.D

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Instrument :

MSVOA_D

ClientSampleId :

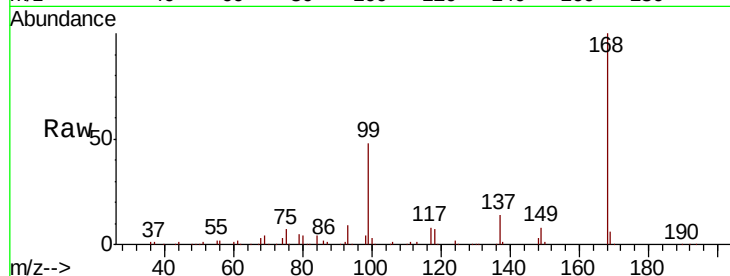
344-OILY-STONES

Tot Ion:168 Resp: 1337598

Ion Ratio Lower Upper

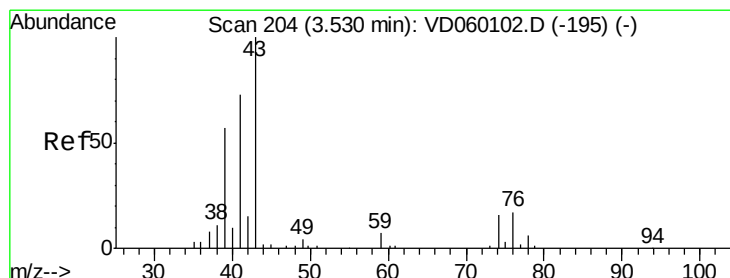
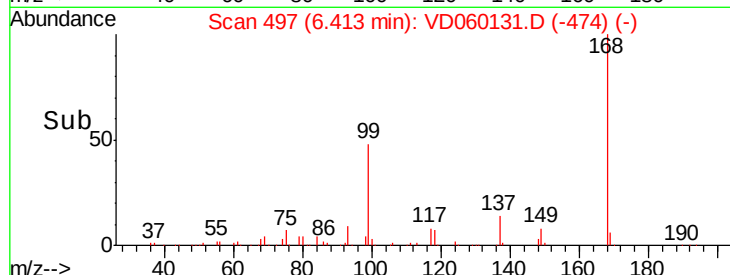
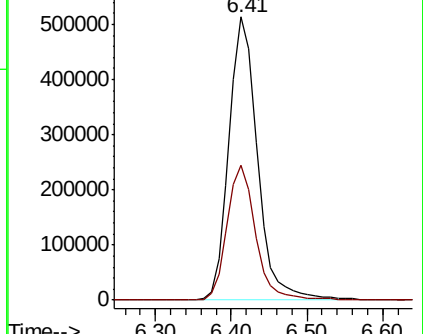
168 100

99 47.8 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#18

Methyl Acetate

Concen: 5.246 ug/l

RT: 3.55 min Scan# 206

Delta R.T. 0.02 min

Lab File: VD060131.D

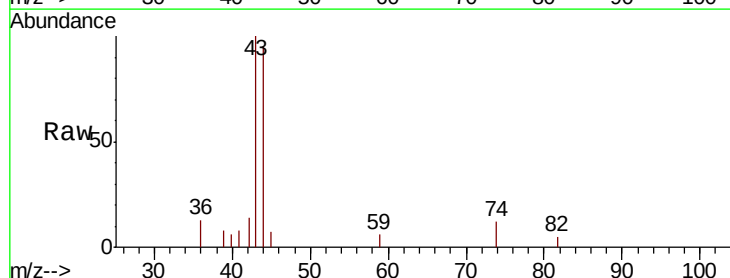
Acq: 4 Oct 2018 16:06

Tgt Ion: 43 Resp: 20744

Ion Ratio Lower Upper

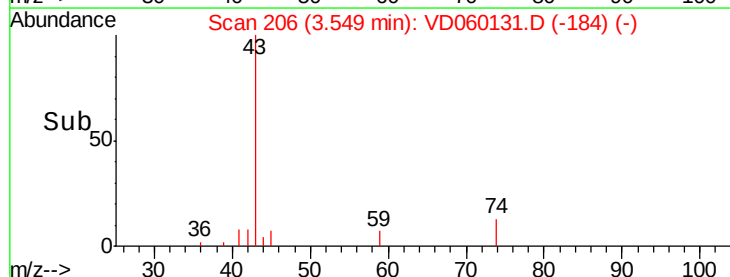
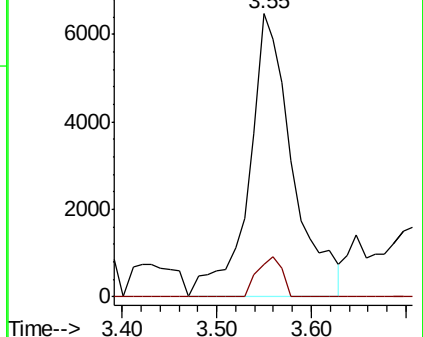
43 100

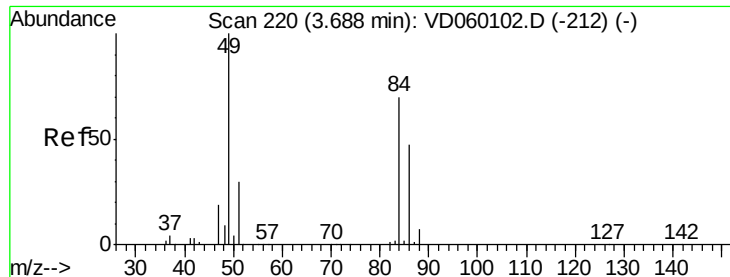
74 11.5 12.6 19.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

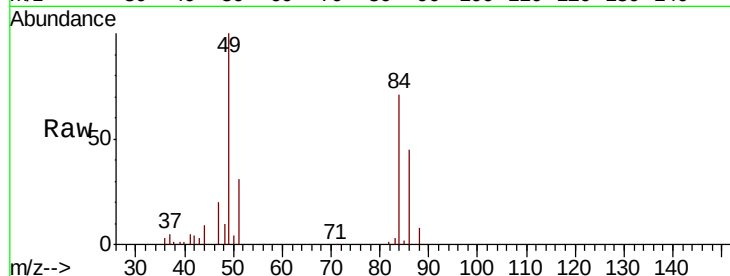




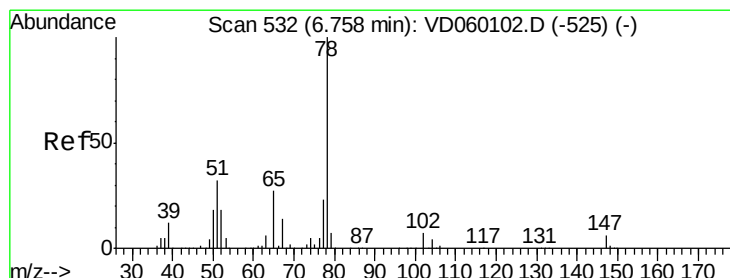
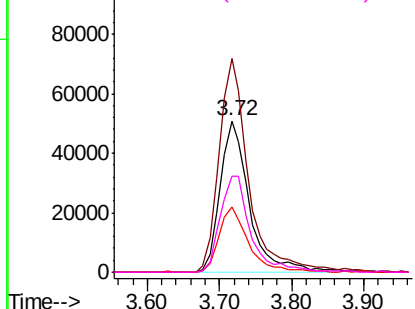
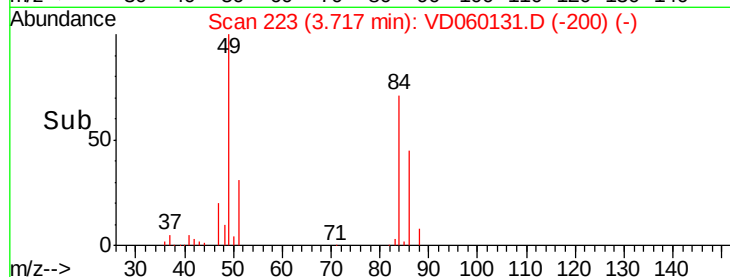
#20
Methylene Chloride
Concen: 6.080 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060131.D
Acq: 4 Oct 2018 16:06

Instrument :
MSVOA_D
ClientSampleId :
344-OILY-STONES

Tot Ion: 84 Resp: 142759
Ion Ratio Lower Upper
84 100
49 140.9 114.6 172.0
51 43.1 33.8 50.8
86 63.4 53.3 79.9

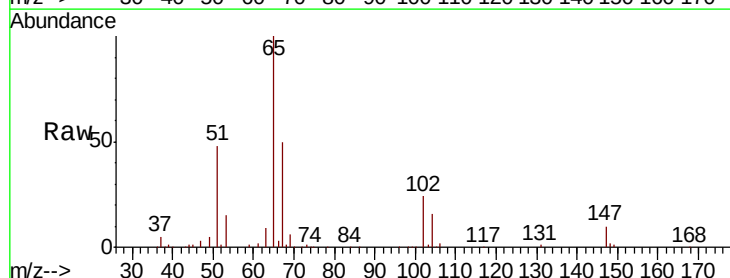


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

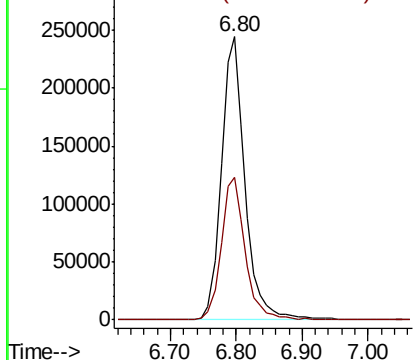
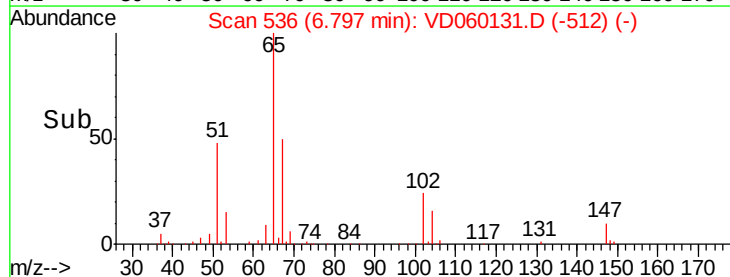


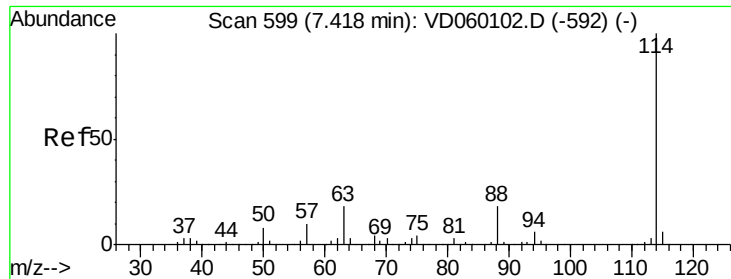
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. 0.04 min
Lab File: VD060131.D
Acq: 4 Oct 2018 16:06

Tgt Ion: 65 Resp: 606146
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2



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

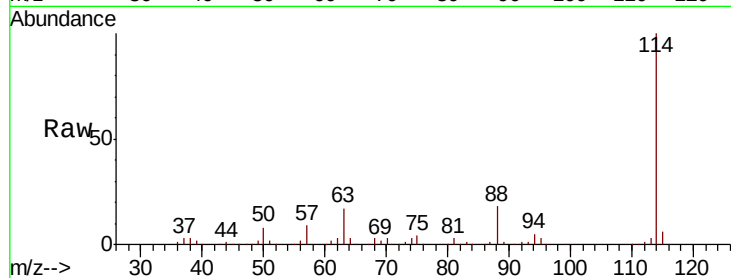




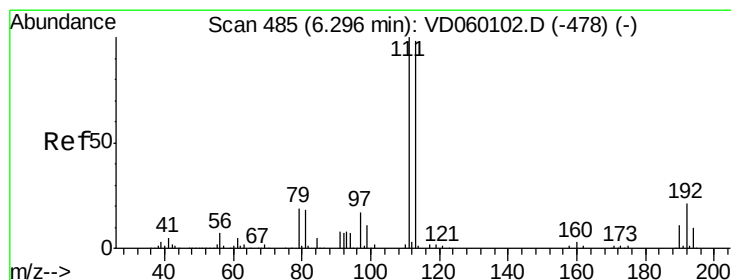
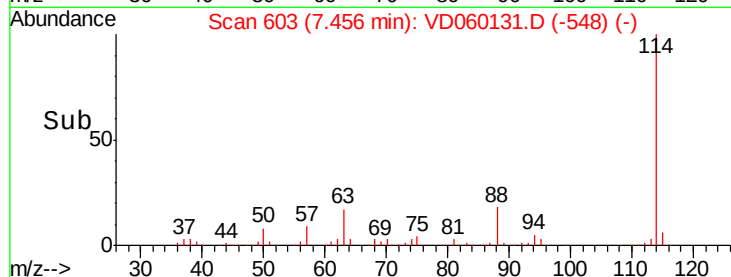
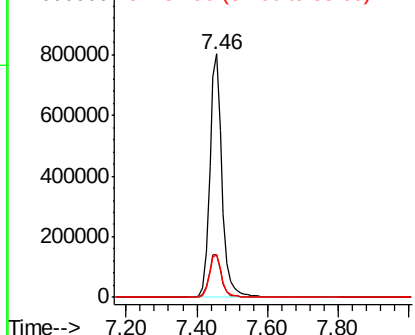
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.04 min
 Lab File: VD060131.D
 Acq: 4 Oct 2018 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 344-OILY-STONES

Tot Ion:114 Resp: 1926715
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.0
 88 17.6 0.0 36.2

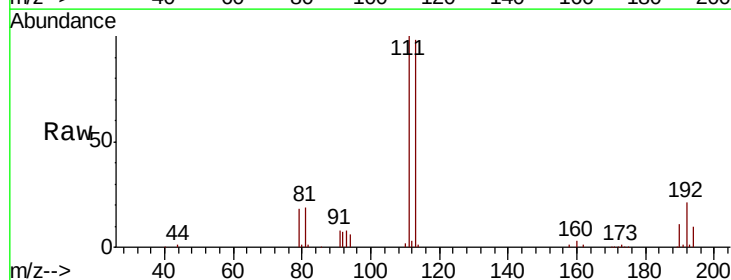


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

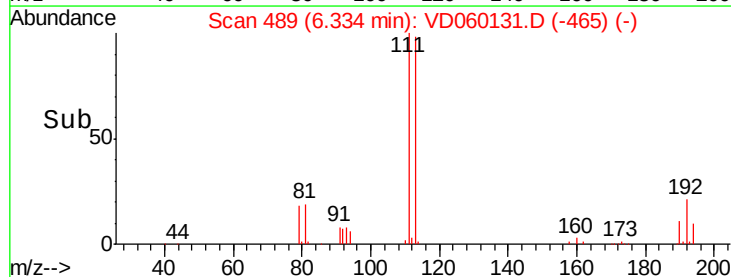
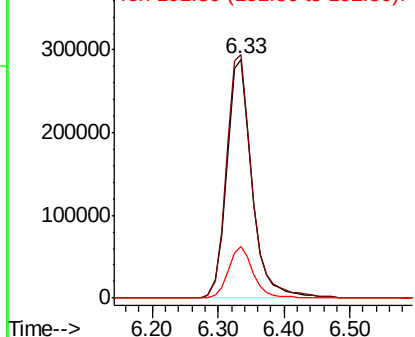


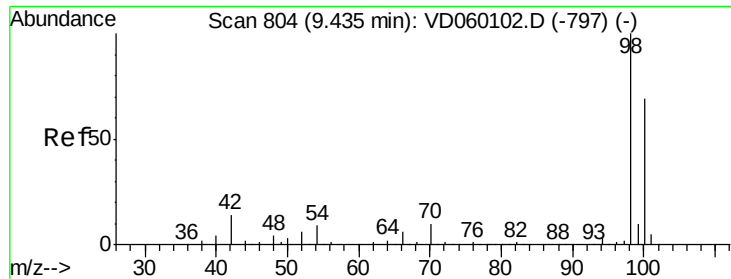
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060131.D
 Acq: 4 Oct 2018 16:06

Tgt Ion:113 Resp: 773991
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 21.7 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

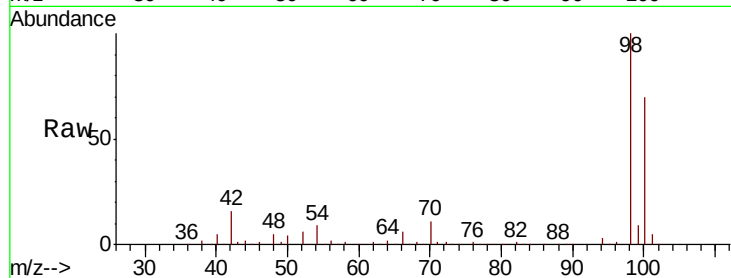




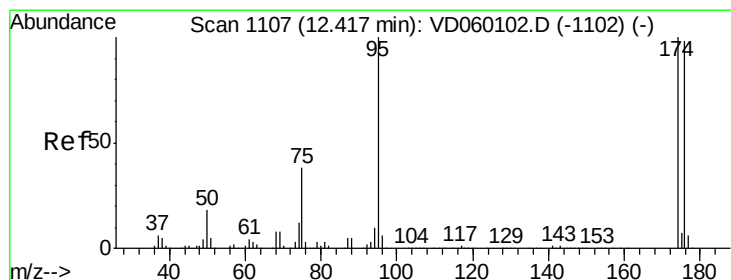
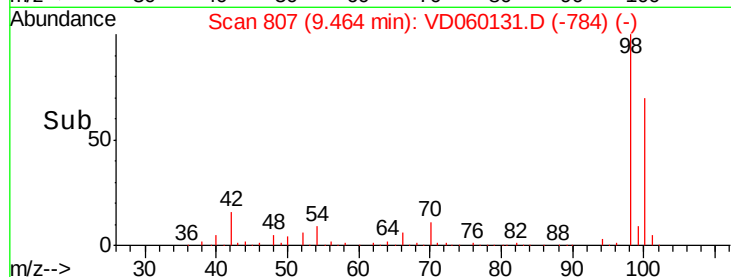
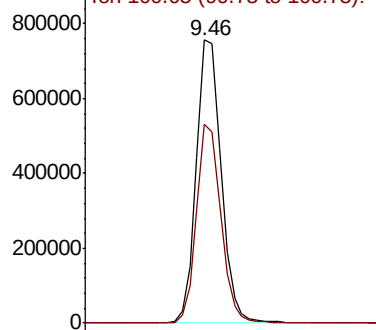
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060131.D
Acq: 4 Oct 2018 16:06

Instrument :
MSVOA_D
ClientSampleId :
344-OILY-STONES

Tot Ion: 98 Resp: 1726510
Ion Ratio Lower Upper
98 100
100 70.3 55.4 83.0

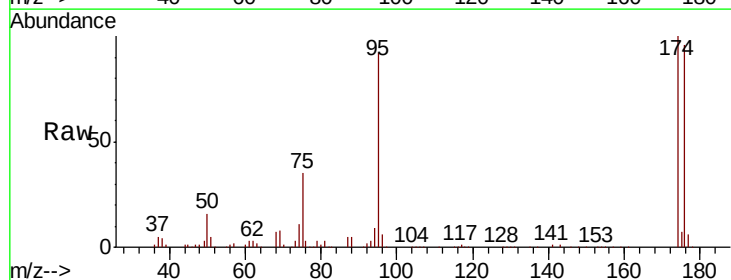


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

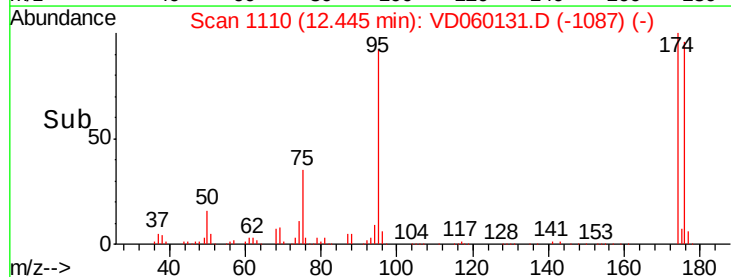
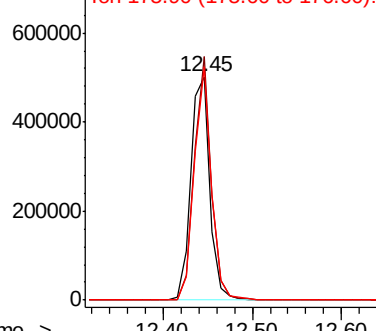


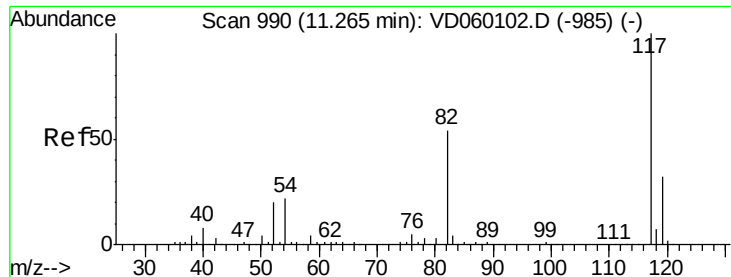
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.45 min Scan# 1110
Delta R.T. 0.03 min
Lab File: VD060131.D
Acq: 4 Oct 2018 16:06

Tgt Ion: 95 Resp: 752832
Ion Ratio Lower Upper
95 100
174 109.1 0.0 200.2
176 104.8 0.0 195.6



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

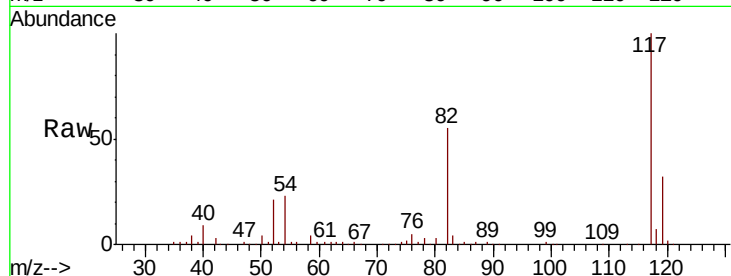




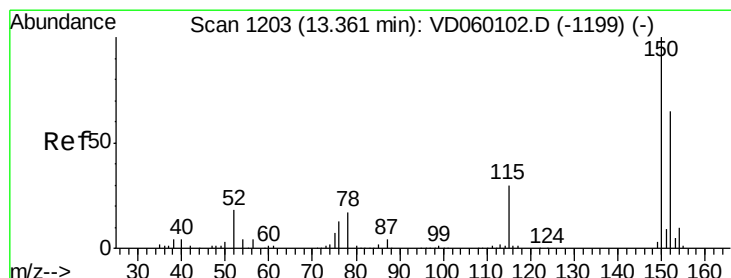
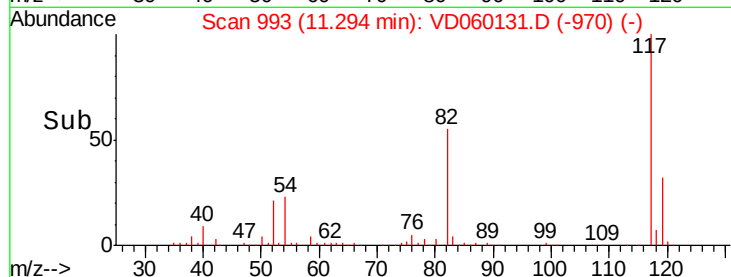
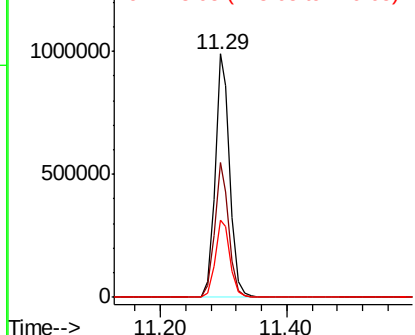
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060131.D
Acq: 4 Oct 2018 16:06

Instrument :
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ClientSampleId :
344-OILY-STONES

Tot Ion:117 Resp: 1623457
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.2
119 31.6 26.0 39.0

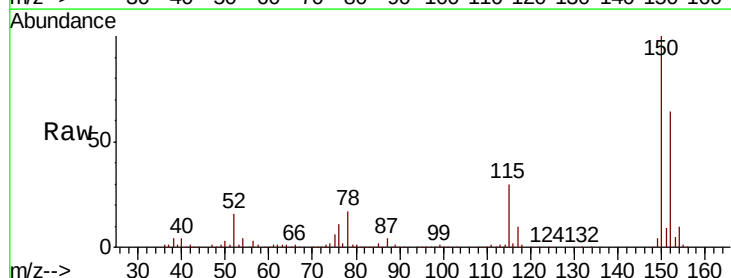


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1206
Delta R.T. 0.03 min
Lab File: VD060131.D
Acq: 4 Oct 2018 16:06

Tgt Ion:152 Resp: 826599
Ion Ratio Lower Upper
152 100
115 47.1 27.1 81.2
150 155.8 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

