

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060191.D
 Acq On : 24 Oct 2018 19:36
 Operator : JC/SY
 Sample : J5661-01
 Misc : 5.05/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB44949

Quant Time: Oct 25 04:29:21 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

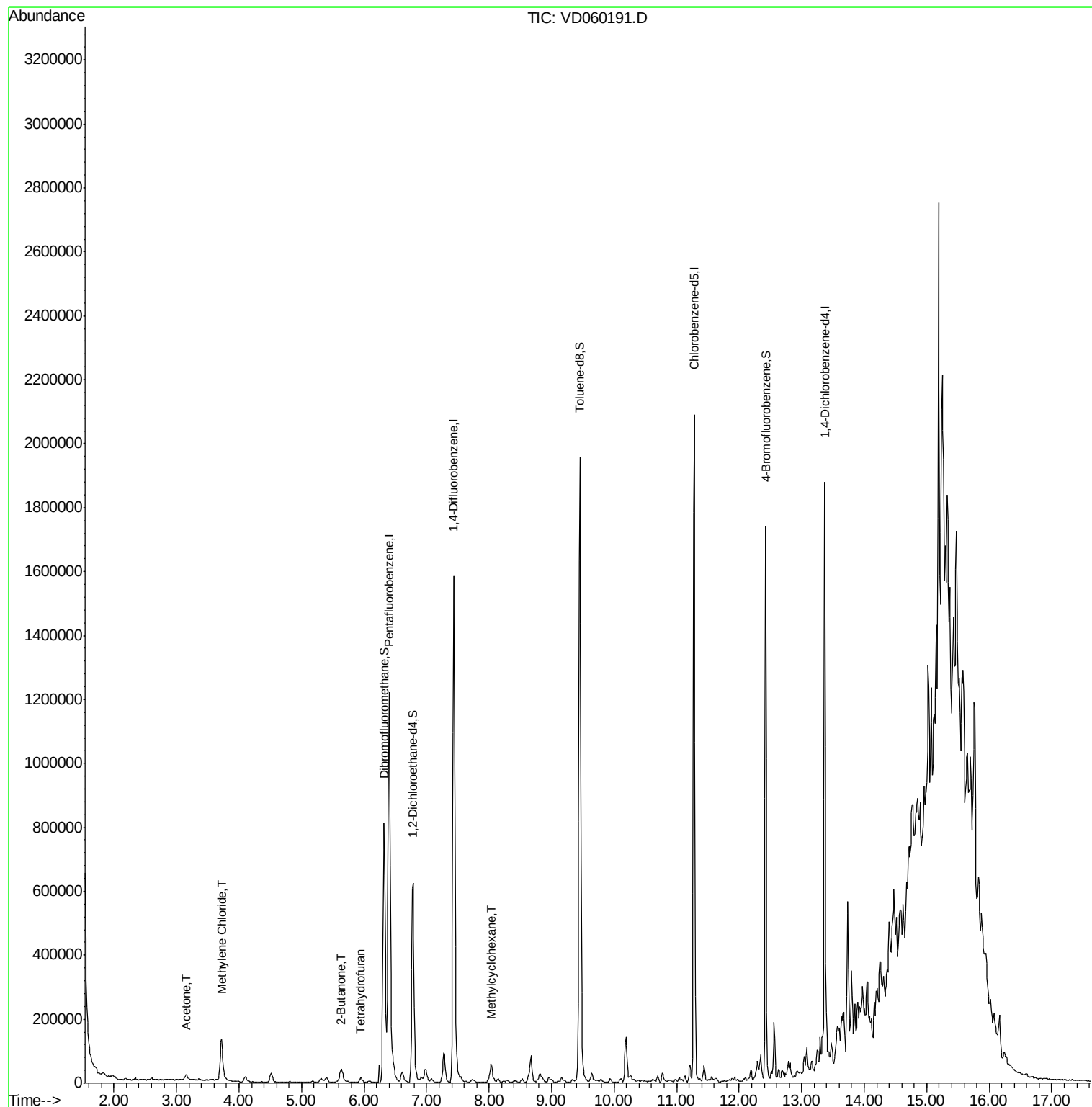
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1212160	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.43	114	1699227	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1175916	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	396022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	532771	57.98	ug/l	0.02
Spiked Amount 50.000			Recovery	=	115.96%	
35) Dibromofluoromethane	6.32	113	648622	50.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	9.45	98	1572270	42.73	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.46%	
62) 4-Bromofluorobenzene	12.42	95	471300	34.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.42%	
Target Compounds						
16) Acetone	3.15	43	39995	23.988	ug/l	92
20) Methylene Chloride	3.71	84	71094	1.222	ug/l	97
25) 2-Butanone	5.62	43	37958	9.113	ug/l	97
29) Tetrahydrofuran	5.95	42	10825	4.474	ug/l #	89
39) Methylcyclohexane	8.03	83	21708	1.177	ug/l	88

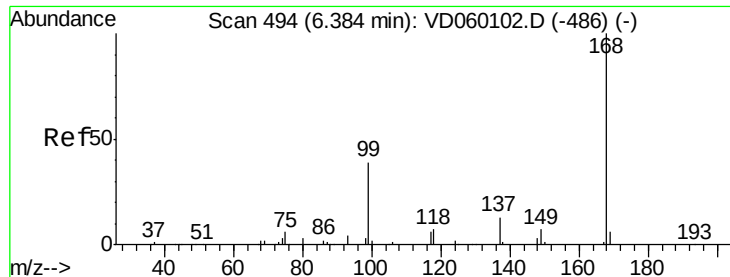
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102418\
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QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060191.D

Acq: 24 Oct 2018 19:36

Instrument :

MSVOA_D

ClientSampleId :

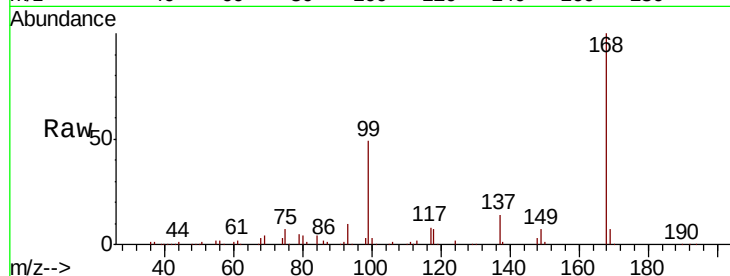
VB44949

Tot Ion:168 Resp: 1212160

Ion Ratio Lower Upper

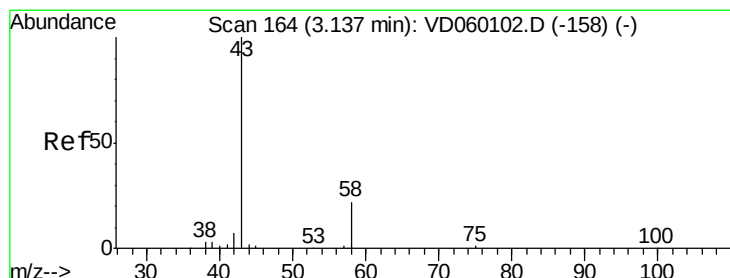
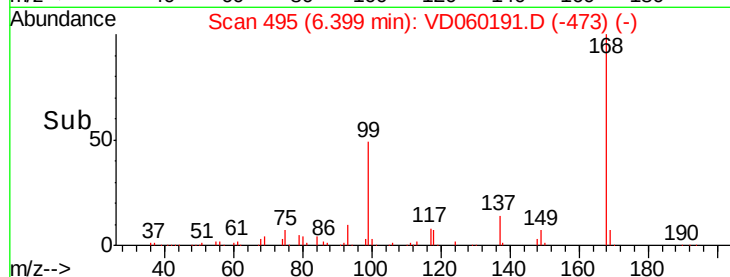
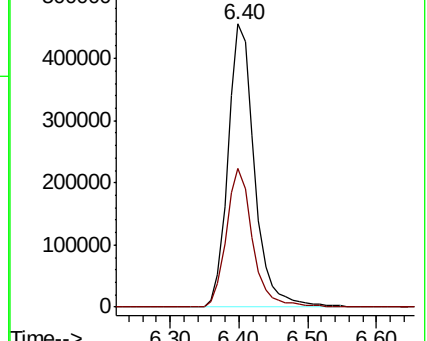
168 100

99 49.1 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: 23.988 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060191.D

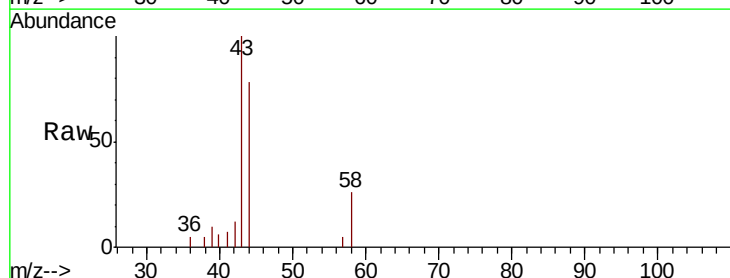
Acq: 24 Oct 2018 19:36

Tgt Ion: 43 Resp: 39995

Ion Ratio Lower Upper

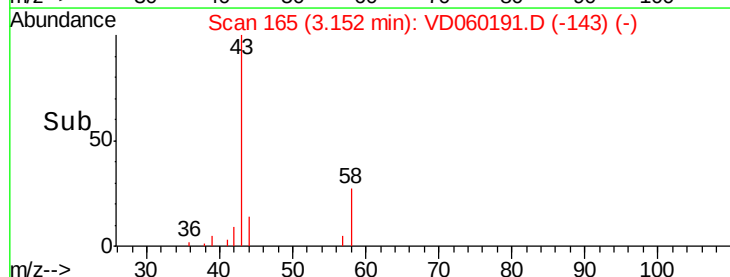
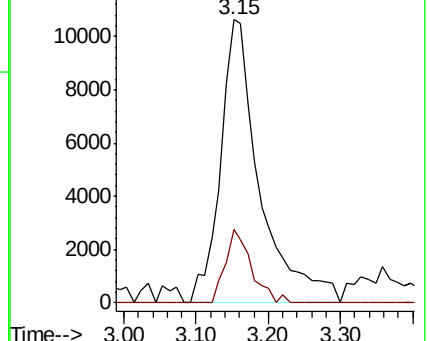
43 100

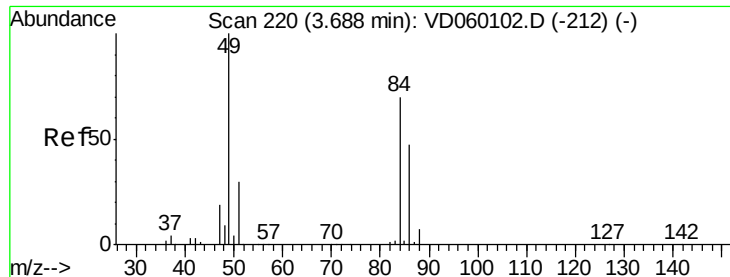
58 25.7 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

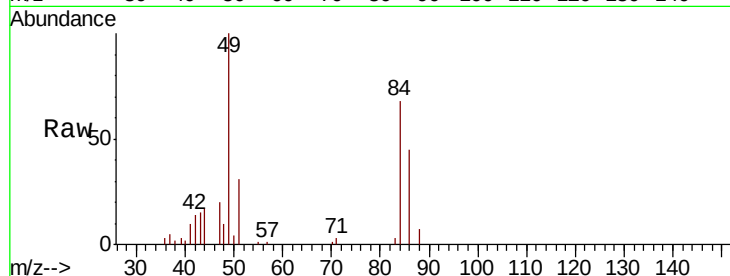




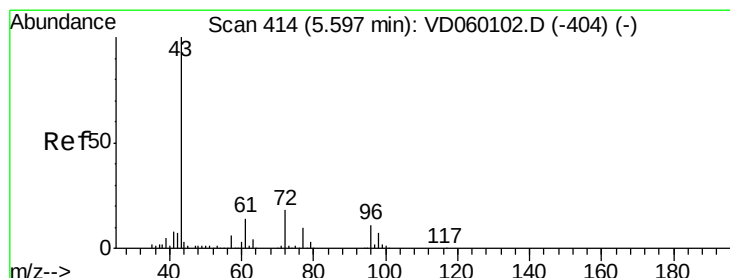
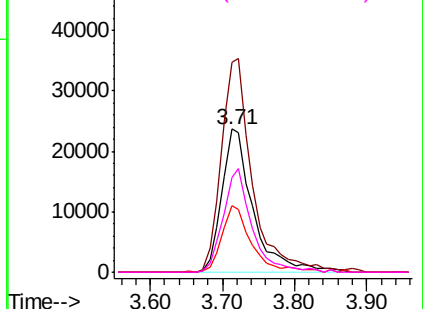
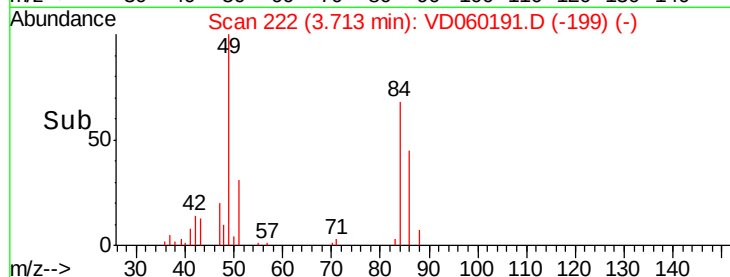
#20
Methvlene Chloride
Concen: 1.222 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.03 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument :
MSVOA_D
ClientSampleId :
VB44949

Tot Ion: 84 Resp: 71094
Ion Ratio Lower Upper
84 100
49 146.7 114.6 172.0
51 46.2 33.8 50.8
86 66.6 53.3 79.9

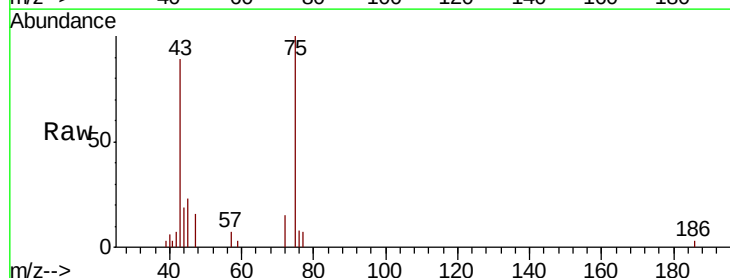


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

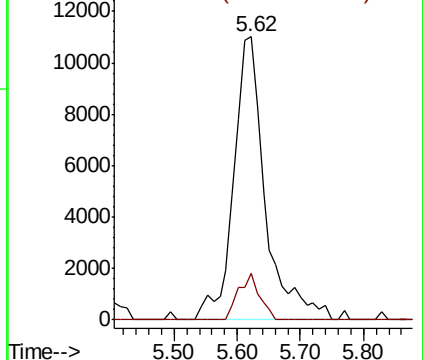
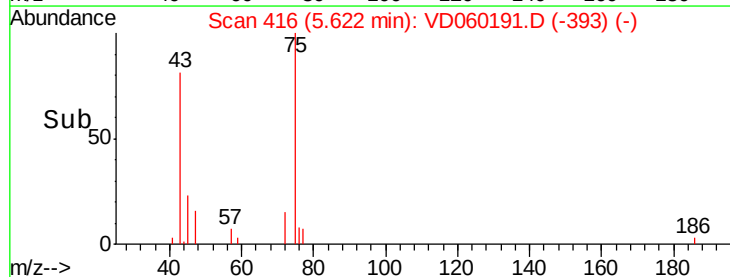


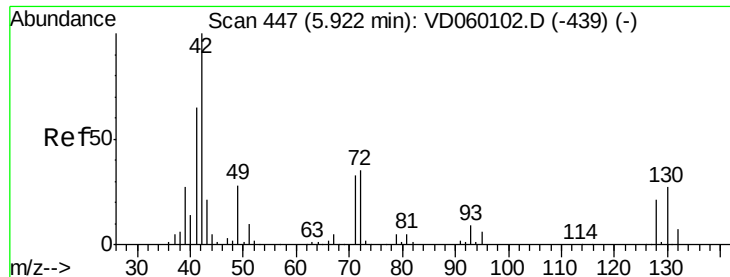
#25
2-Butanone
Concen: 9.113 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.02 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 43 Resp: 37958
Ion Ratio Lower Upper
43 100
72 16.6 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

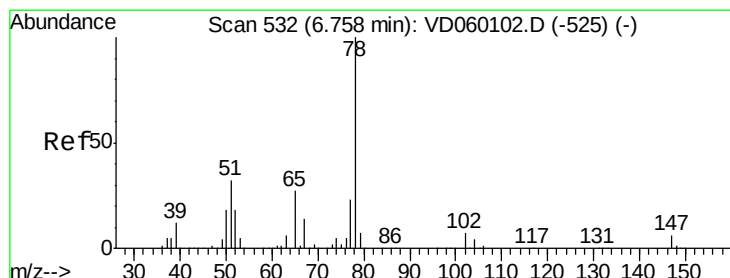
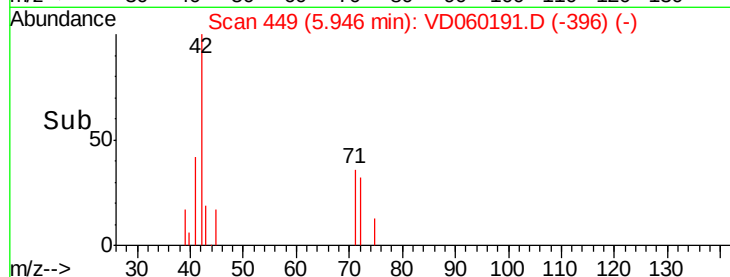
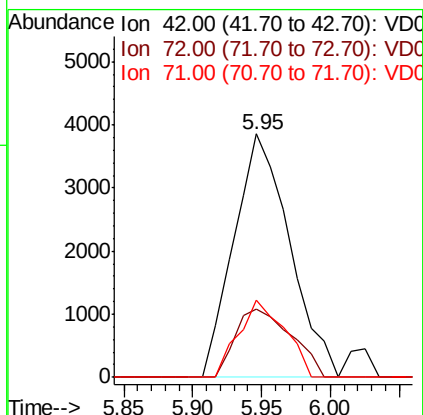
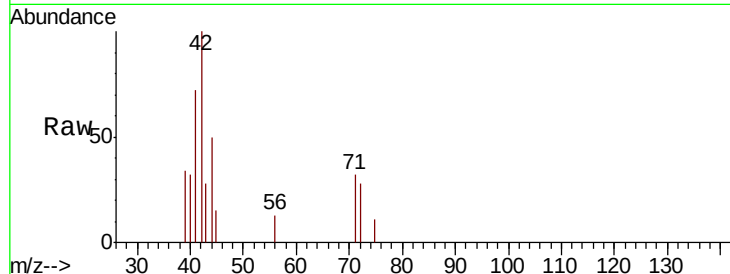




#29
Tetrahydrofuran
Concen: 4.474 ug/l
RT: 5.95 min Scan# 449
Delta R.T. 0.02 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

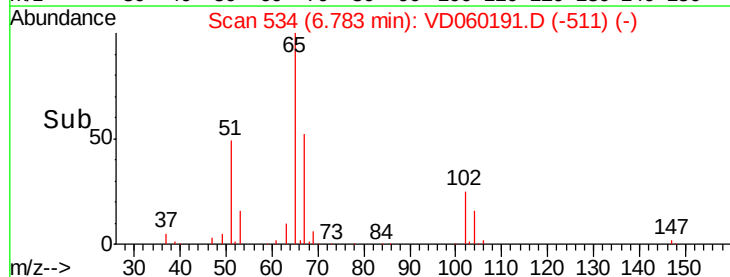
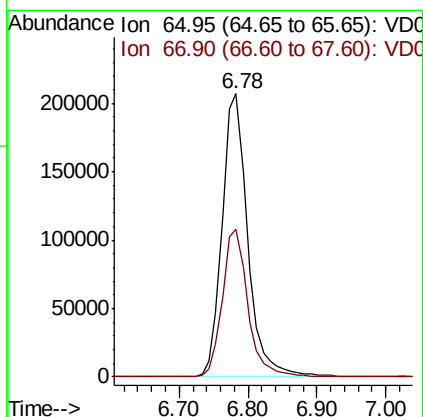
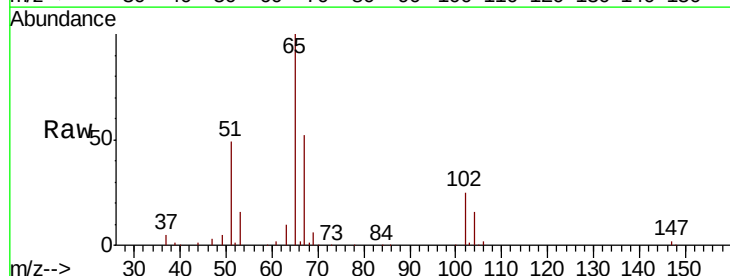
Instrument :
MSVOA_D
ClientSampleId :
VB44949

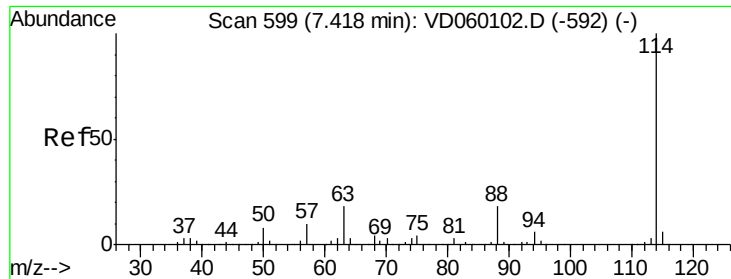
Tot Ion	Ratio	Lower	Upper
42	100		
72	28.2	26.9	40.3
71	26.1	26.7	40.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.2

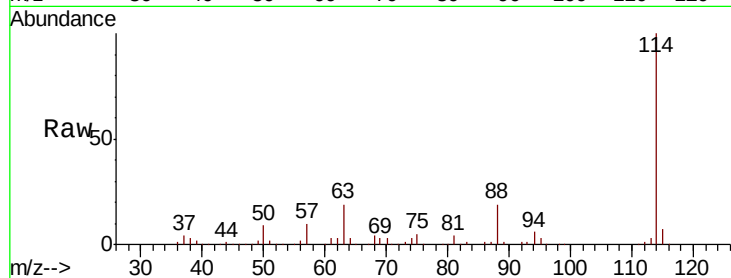




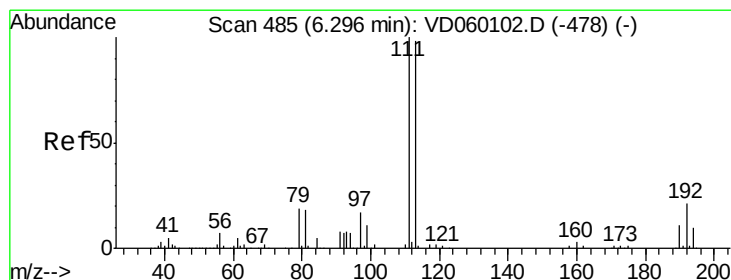
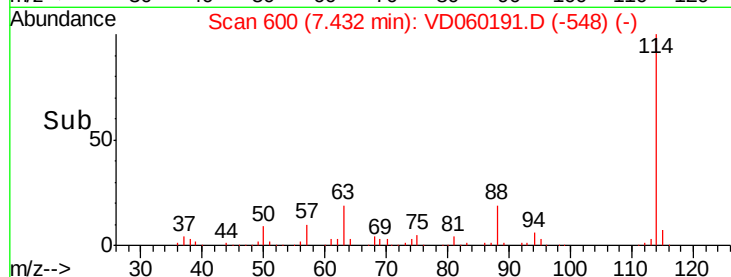
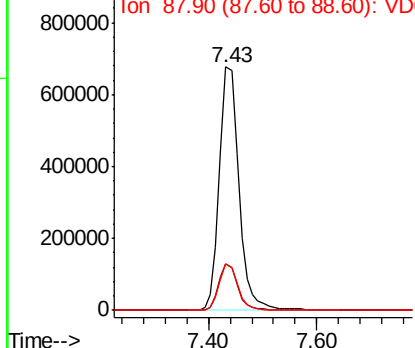
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VD060191.D
 Acq: 24 Oct 2018 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VB44949

Tot Ion:114 Resp: 1699227
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.0
 88 19.1 0.0 36.2

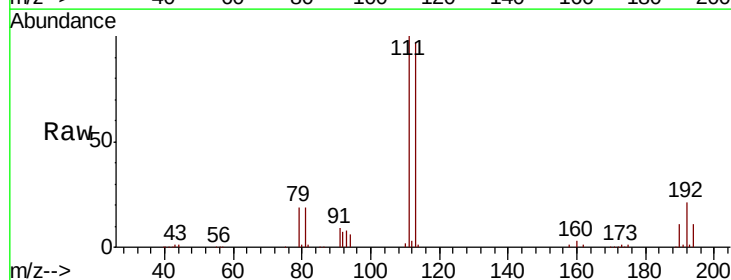


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

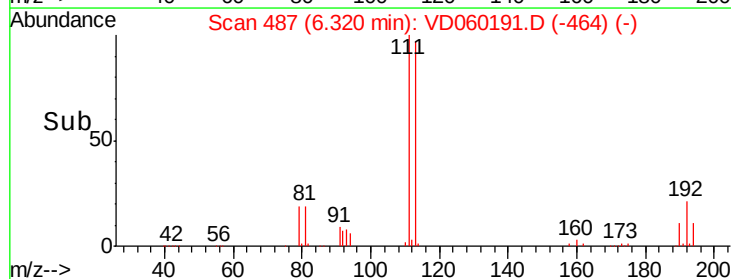
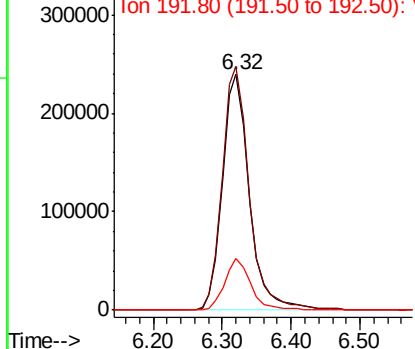


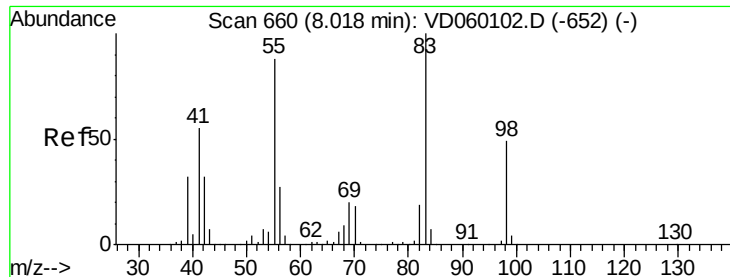
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060191.D
 Acq: 24 Oct 2018 19:36

Tgt Ion:113 Resp: 648622
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.5 122.3
 192 21.9 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

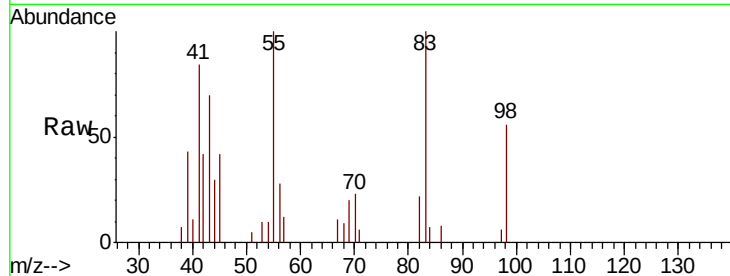




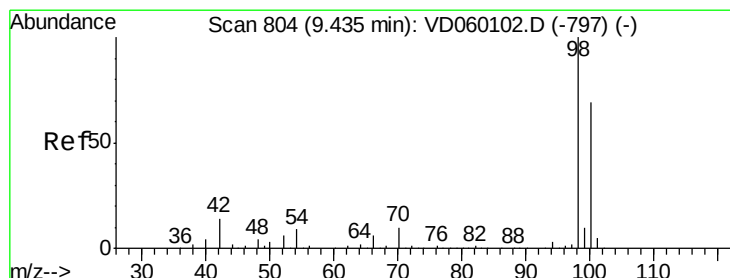
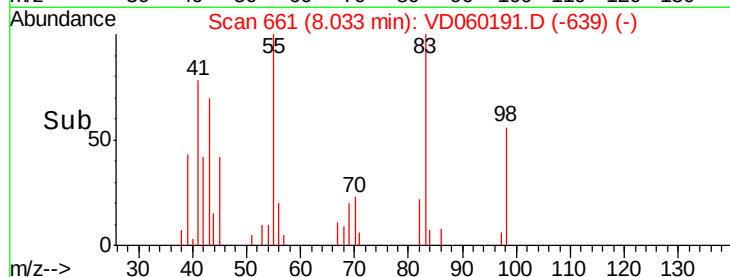
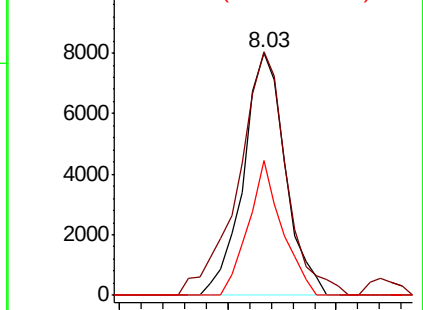
#39
Methylcyclohexane
Concen: 1.177 ug/l
RT: 8.03 min Scan# 661
Delta R.T. 0.01 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument :
MSVOA_D
ClientSampleId :
VB44949

Tot Ion: 83 Resp: 21708
Ion Ratio Lower Upper
83 100
55 100.2 70.5 105.7
98 55.7 39.4 59.2

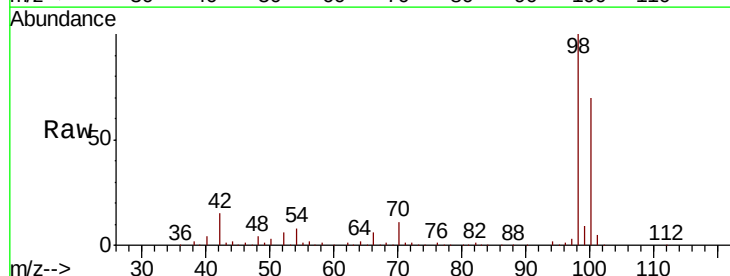


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

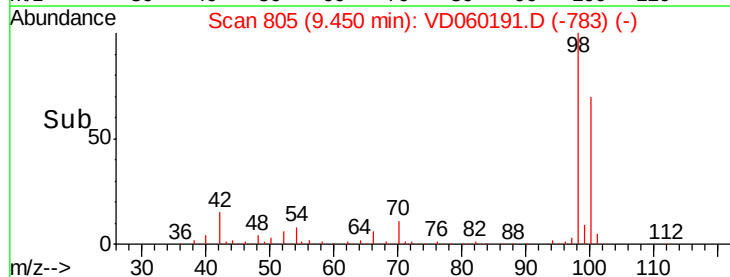
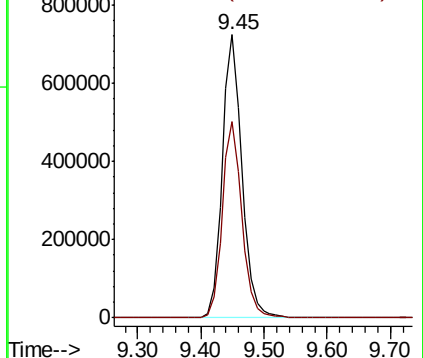


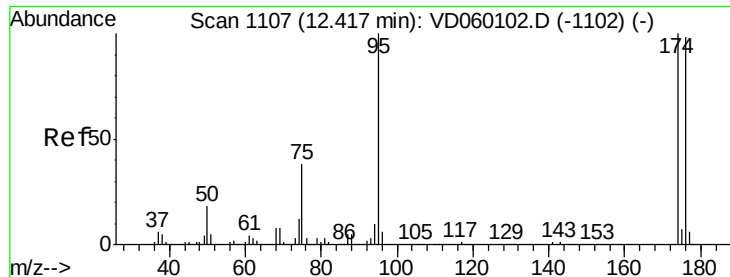
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 98 Resp: 1572270
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.0



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

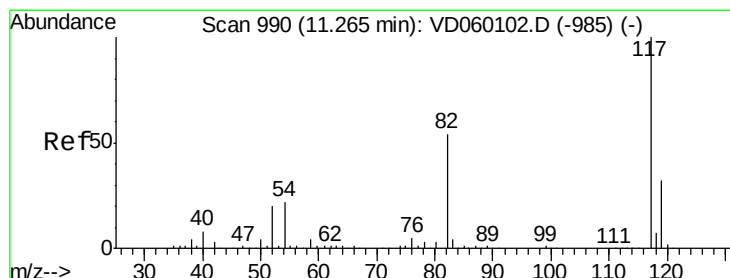
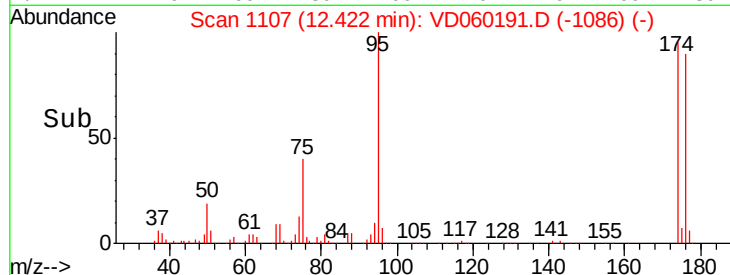
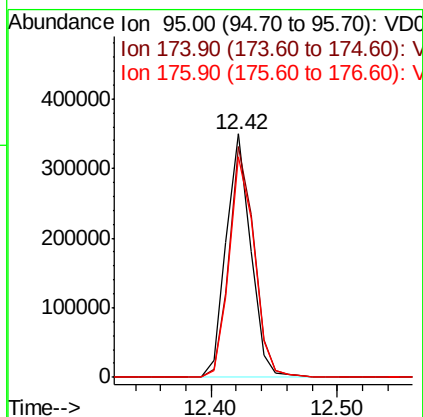
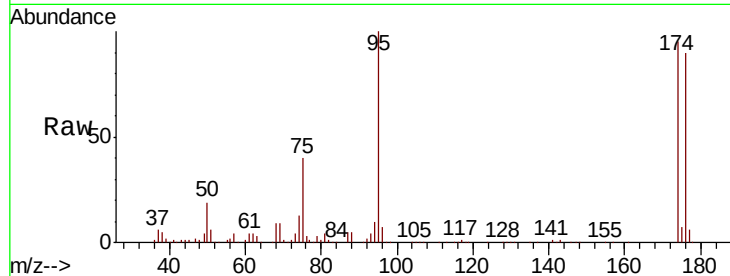




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

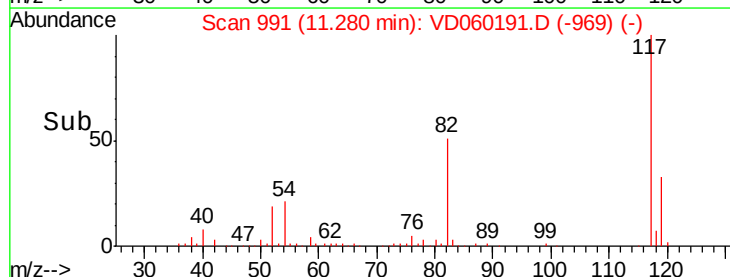
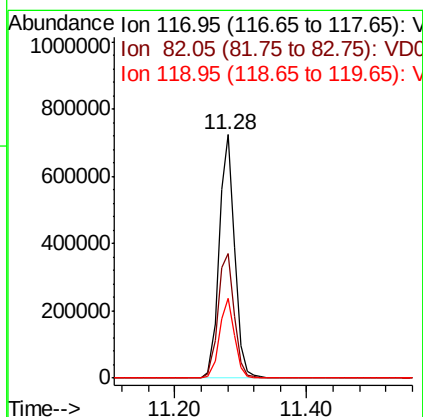
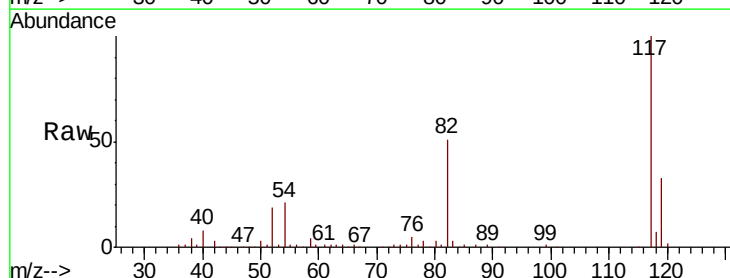
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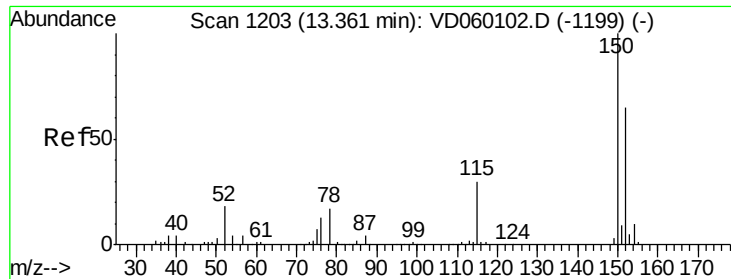
Tot Ion: 95 Resp: 471300
Ion Ratio Lower Upper
95 100
174 94.9 0.0 200.2
176 90.4 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 117 Resp: 1175916
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.2
119 32.6 26.0 39.0

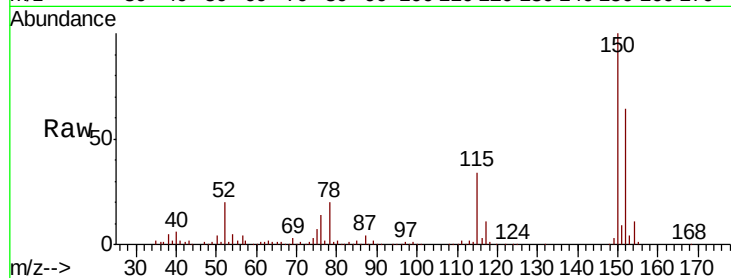




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: VD060191.D
 Acq: 24 Oct 2018 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VB44949

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.7	27.1	81.2
150	155.7	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

