

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121018\
 Data File : VD060524.D
 Acq On : 10 Dec 2018 14:54
 Operator : VA/AP
 Sample : J6306-01
 Misc : 5.04g/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB-16204

Quant Time: Dec 11 07:18:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

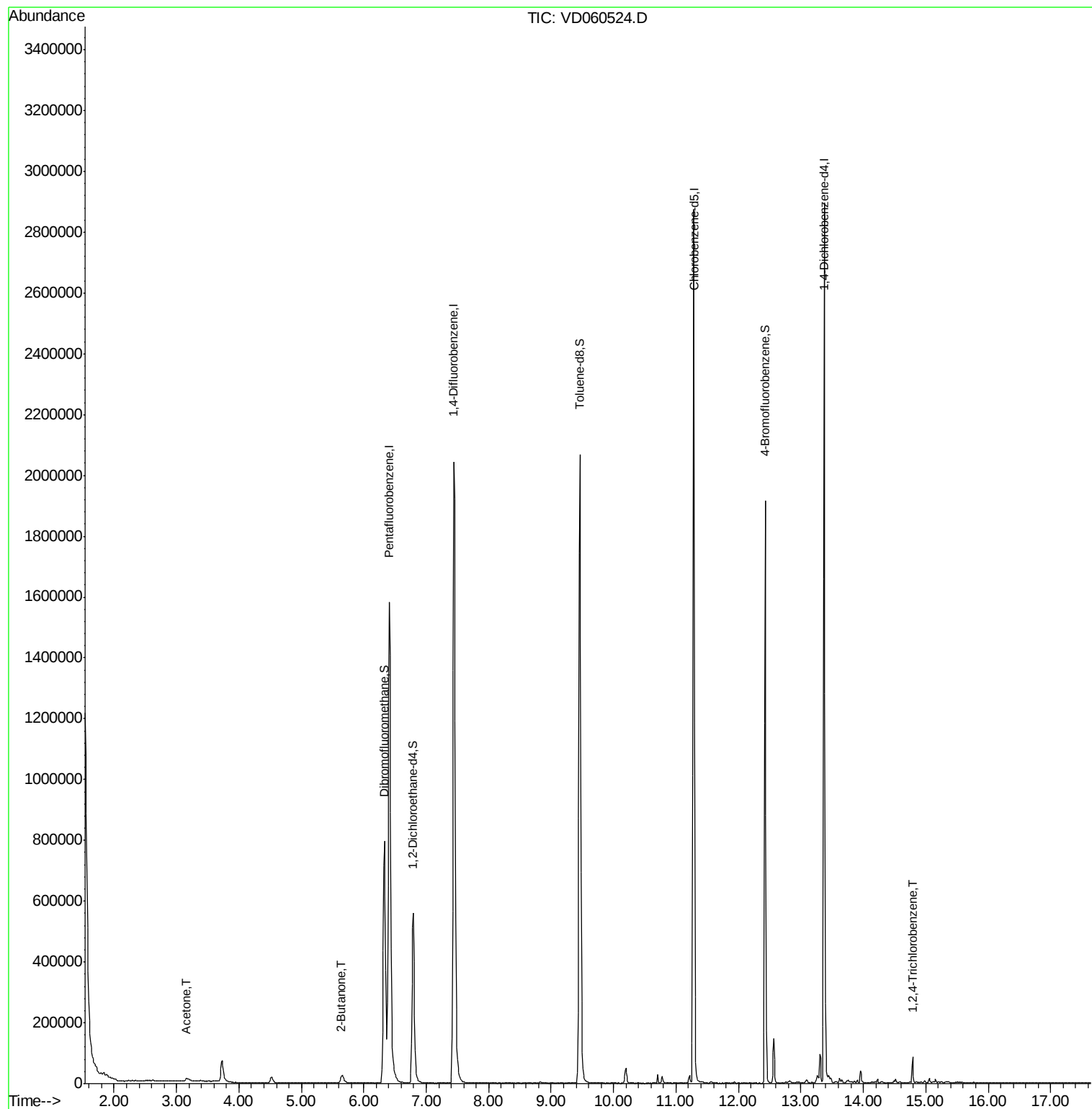
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1568193	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	2190844	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	1639291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	651914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	476735	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.78%	
35) Dibromofluoromethane	6.33	113	638017	39.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.30%	
50) Toluene-d8	9.46	98	1649176	35.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.82%	
62) 4-Bromofluorobenzene	12.43	95	522256	31.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.68%	
Target Compounds						
16) Acetone	3.17	43	18591	10.434	ug/l	99
25) 2-Butanone	5.63	43	10547	3.009	ug/l	94
93) 1,2,4-Trichlorobenzene	14.79	180	22595	1.611	ug/l	97

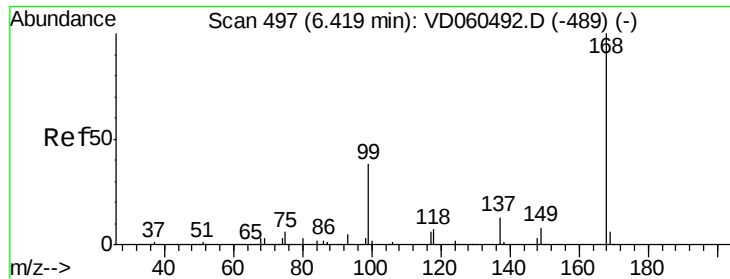
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.01 min

Lab File: VD060524.D

Acq: 10 Dec 2018 14:54

Instrument :

MSVOA_D

ClientSampleId :

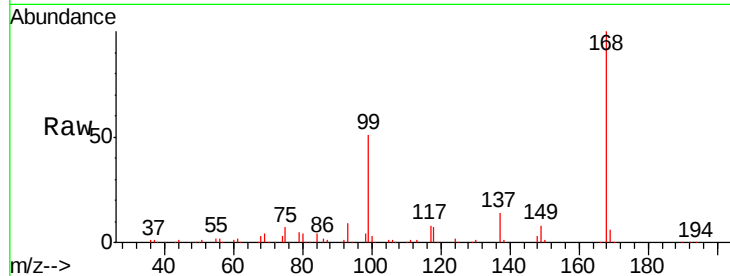
VB-16204

Tgt Ion:168 Resp: 1568193

Ion Ratio Lower Upper

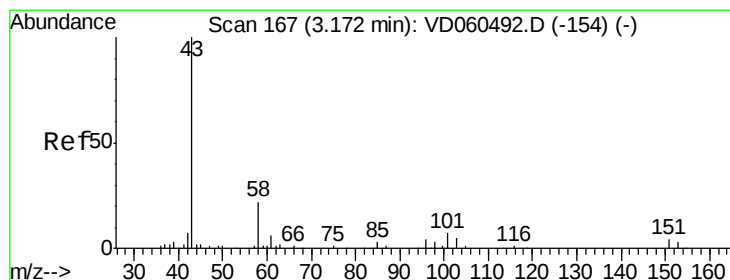
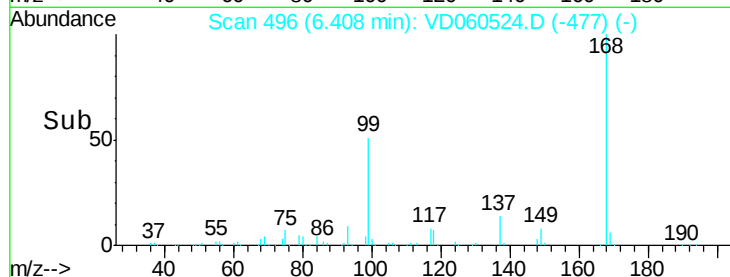
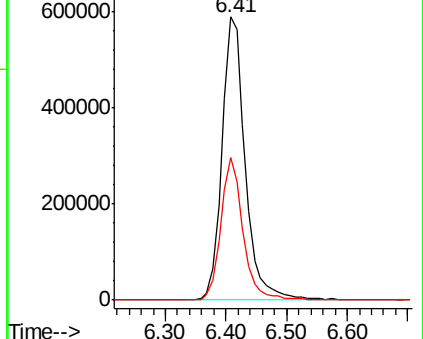
168 100

99 50.6 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 10.434 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060524.D

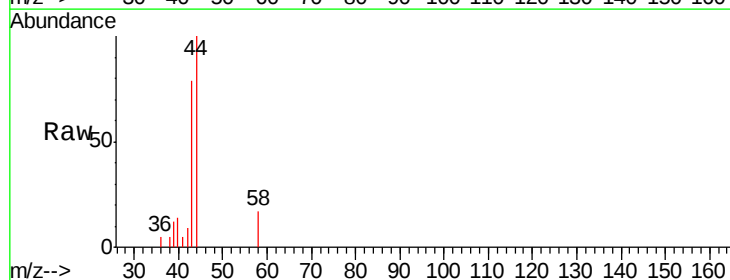
Acq: 10 Dec 2018 14:54

Tgt Ion: 43 Resp: 18591

Ion Ratio Lower Upper

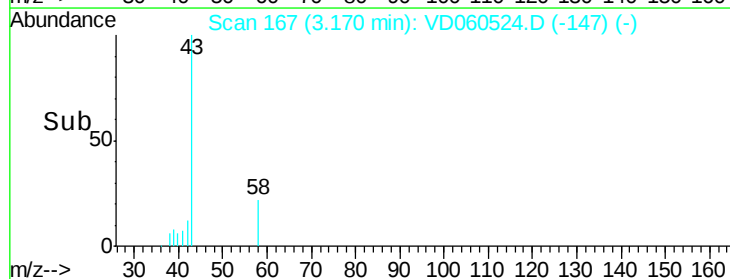
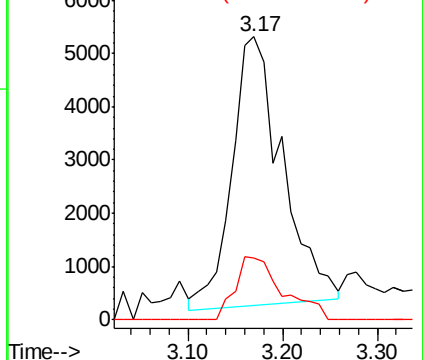
43 100

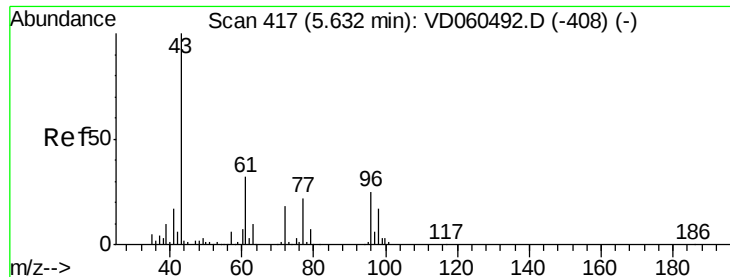
58 21.9 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 3.009 ug/l

RT: 5.63 min Scan# 417

Delta R.T. -0.00 min

Lab File: VD060524.D

Acq: 10 Dec 2018 14:54

Instrument :

MSVOA_D

ClientSampleId :

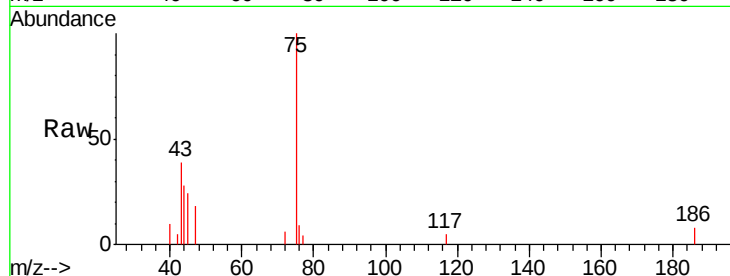
VB-16204

Tgt Ion: 43 Resp: 10547

Ion Ratio Lower Upper

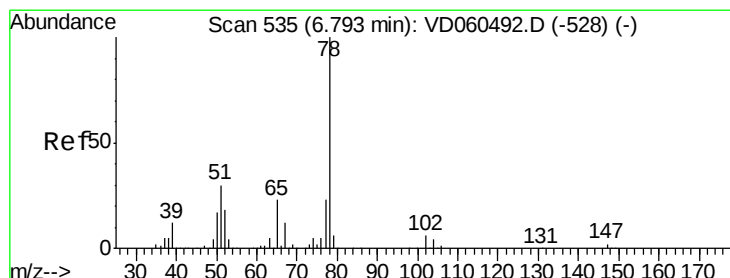
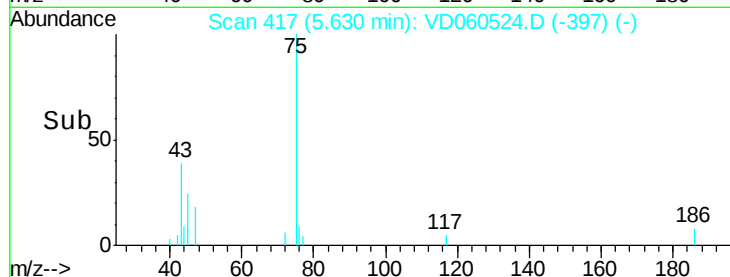
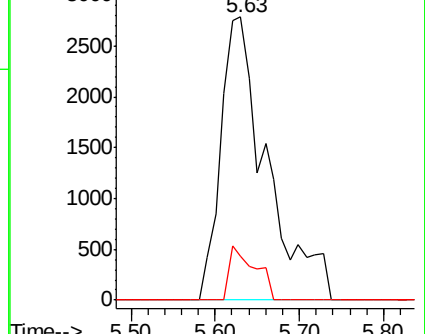
43 100

72 15.5 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.00 min

Lab File: VD060524.D

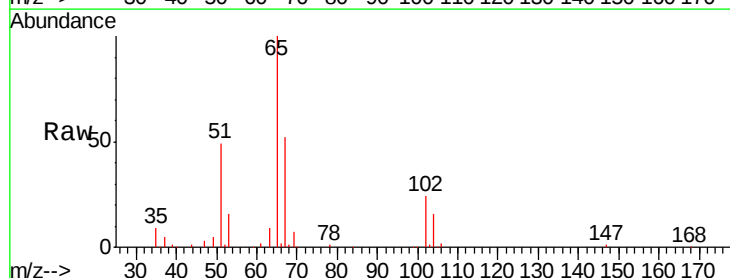
Acq: 10 Dec 2018 14:54

Tgt Ion: 65 Resp: 476735

Ion Ratio Lower Upper

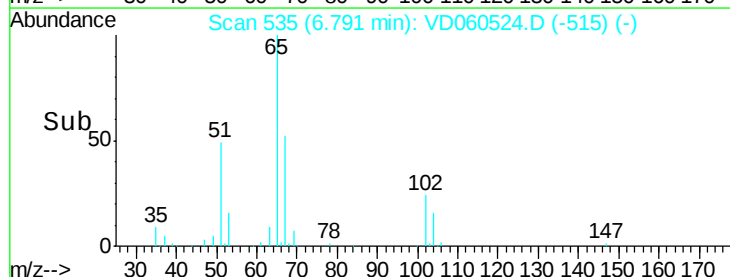
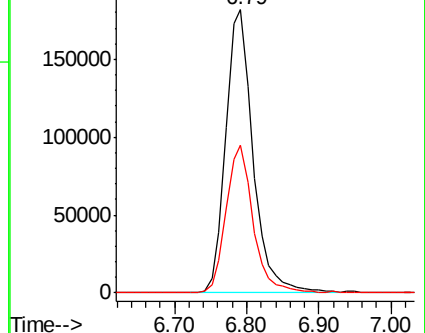
65 100

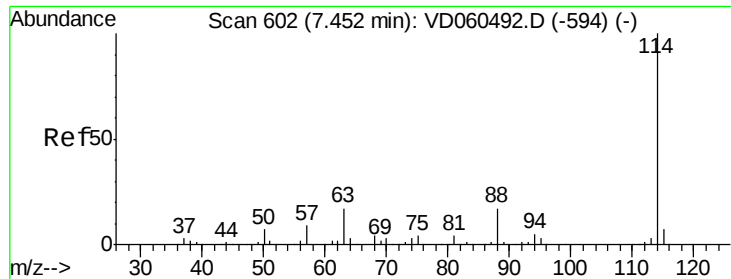
67 52.2 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

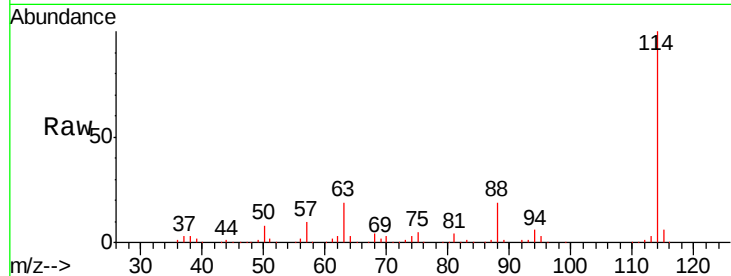




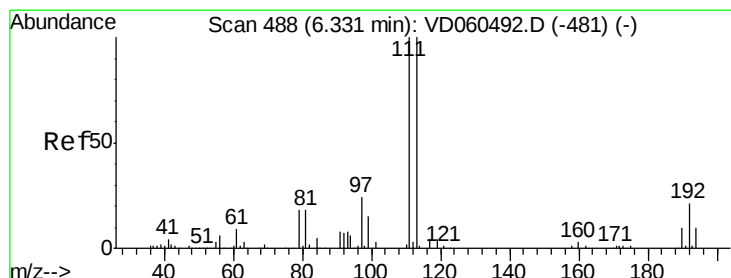
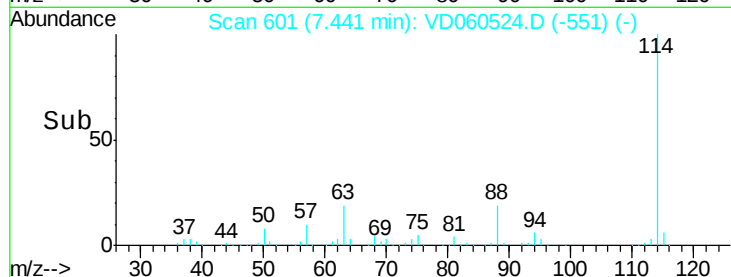
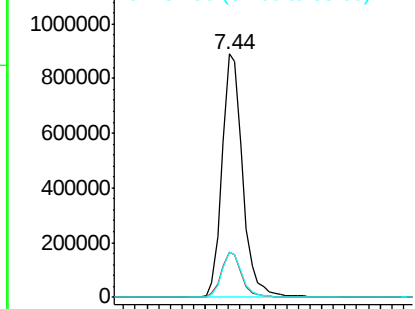
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VD060524.D
 Acq: 10 Dec 2018 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VB-16204

Tgt Ion:114 Resp: 2190844
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.2
 88 18.6 0.0 35.0

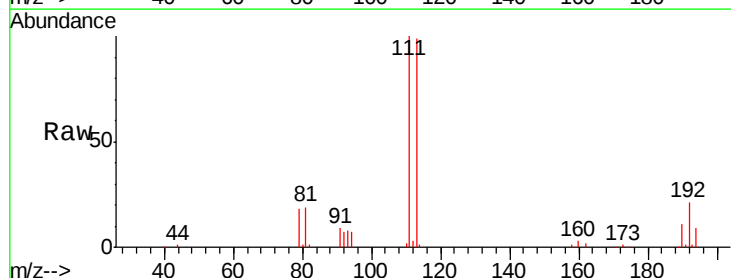


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

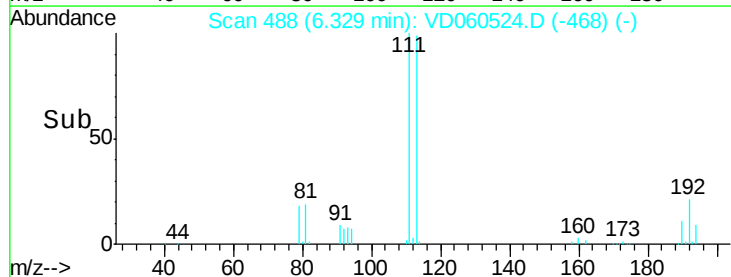
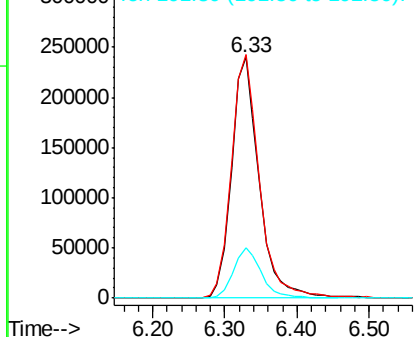


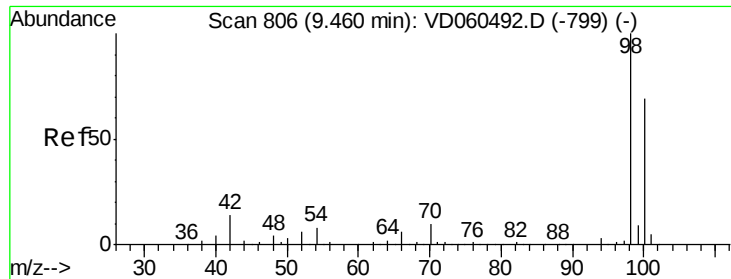
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: VD060524.D
 Acq: 10 Dec 2018 14:54

Tgt Ion:113 Resp: 638017
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.2 120.4
 192 21.0 16.6 24.8



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

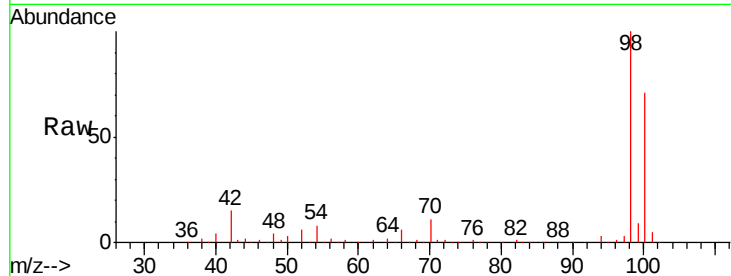




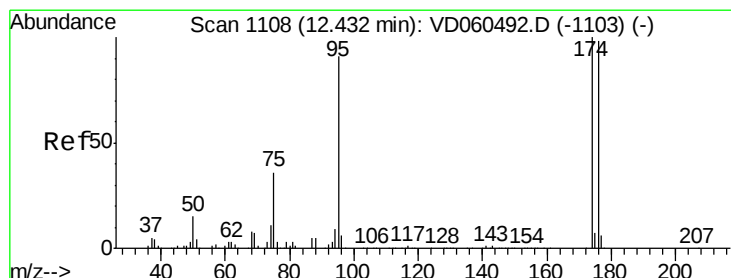
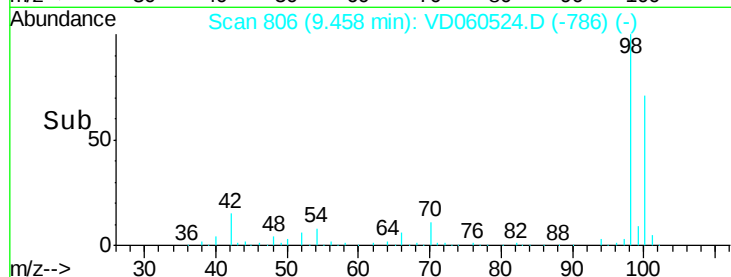
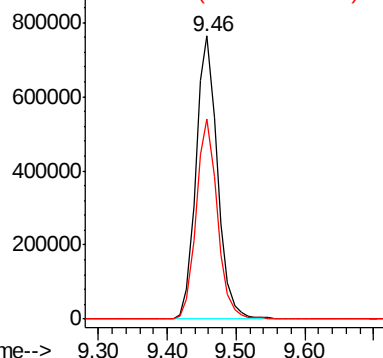
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.00 min
Lab File: VD060524.D
Acq: 10 Dec 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
VB-16204

Tgt Ion: 98 Resp: 1649176
Ion Ratio Lower Upper
98 100
100 70.9 55.7 83.5

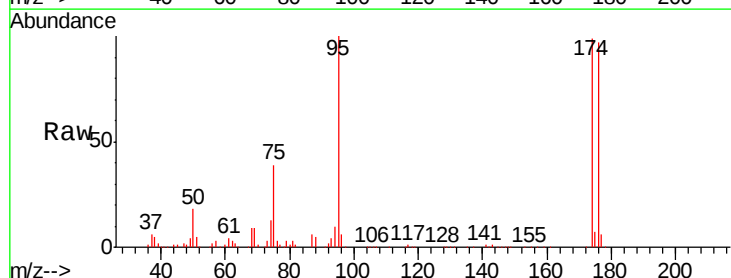


Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)
Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

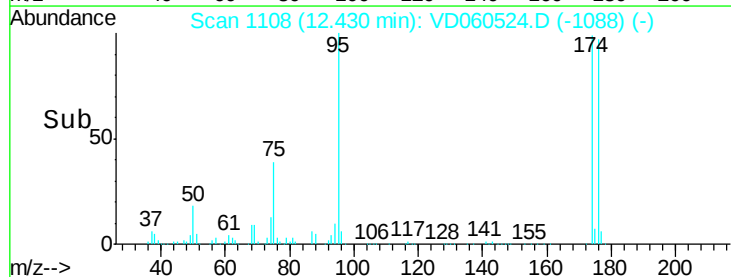
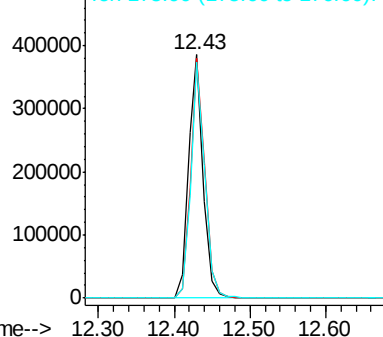


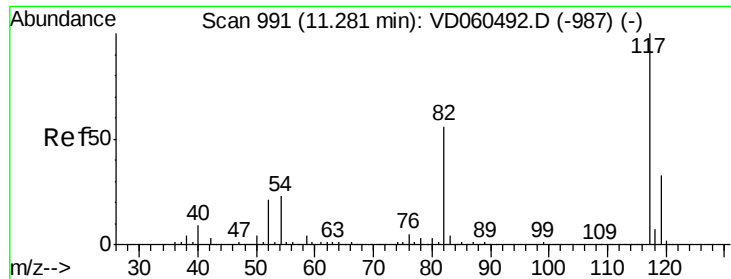
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VD060524.D
Acq: 10 Dec 2018 14:54

Tgt Ion: 95 Resp: 522256
Ion Ratio Lower Upper
95 100
174 98.6 0.0 219.4
176 97.0 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)
Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)
Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

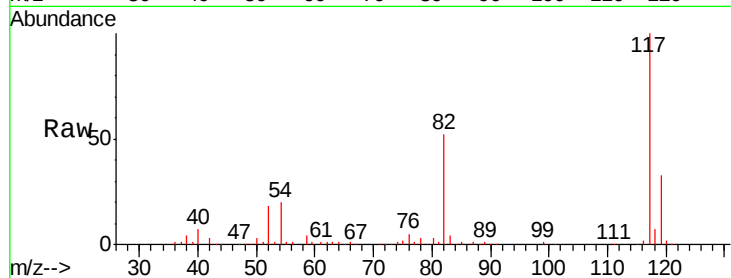




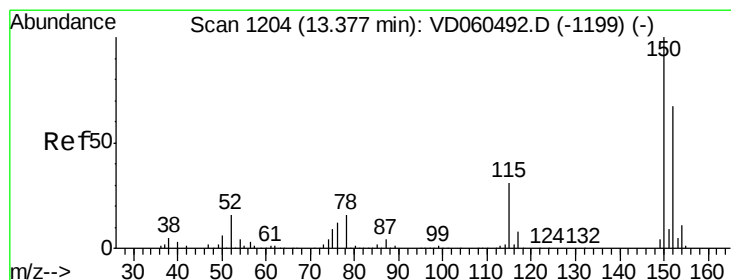
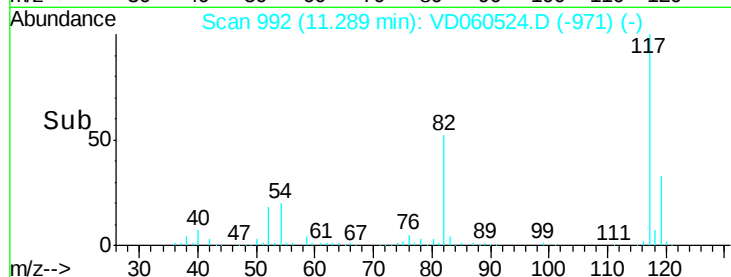
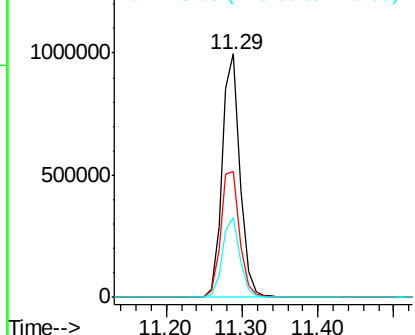
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD060524.D
Acq: 10 Dec 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
VB-16204

Tgt Ion:117 Resp: 1639291
Ion Ratio Lower Upper
117 100
82 51.8 45.2 67.8
119 33.0 26.1 39.1

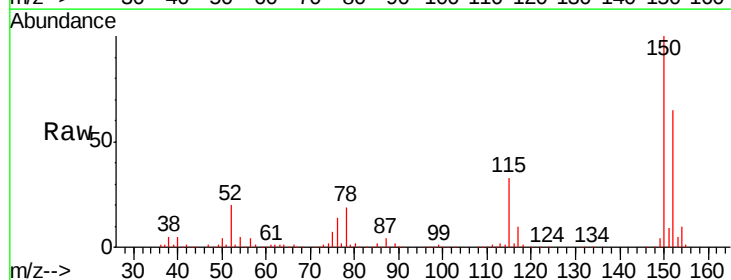


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

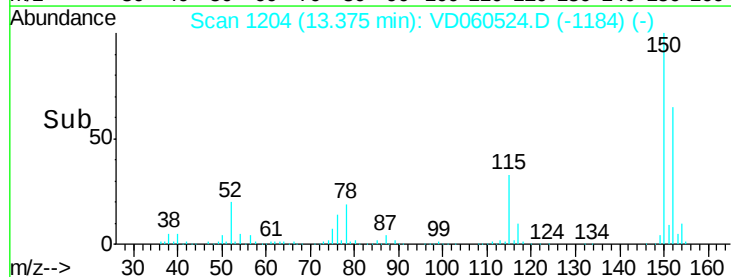
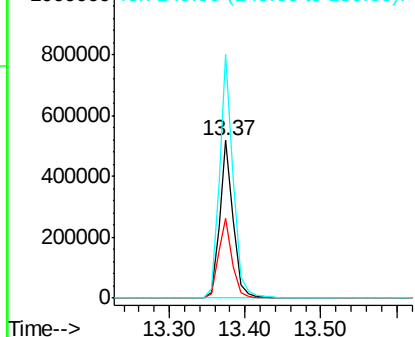


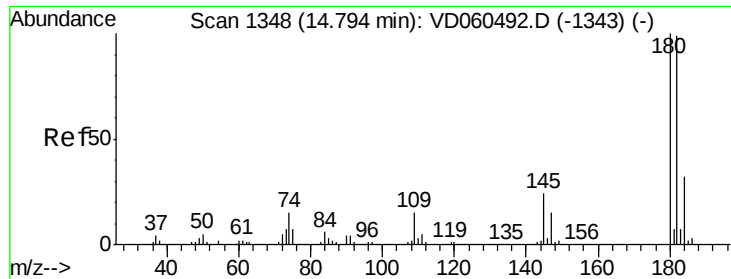
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VD060524.D
Acq: 10 Dec 2018 14:54

Tgt Ion:152 Resp: 651914
Ion Ratio Lower Upper
152 100
115 50.6 24.6 74.0
150 154.6 0.0 309.0



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

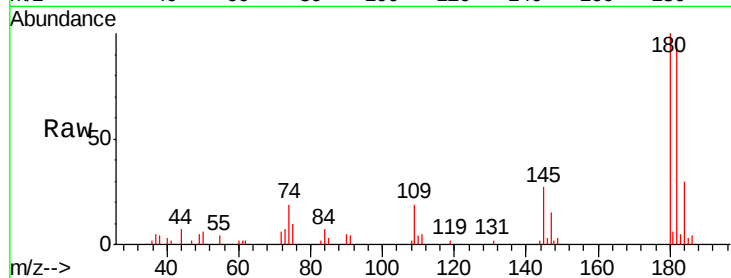




#93
 1,2,4-Trichlorobenzene
 Concen: 1.611 ug/l
 RT: 14.79 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VD060524.D
 Acq: 10 Dec 2018 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VB-16204

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	49.4	148.0
145	26.5	11.9	35.9



Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

