

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061518.D
 Acq On : 2 Apr 2019 17:02
 Operator : VA/AP
 Sample : K2183-02RE
 Misc : 4.56g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-002RE

Manual Integrations
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 4/3/2019 1:02:57 PM

Quant Time: Apr 03 08:12:23 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	7.02	168	498500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	889398	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	715896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	338479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	205774	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	6.92	113	1194	0.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	0.36%	
50) Toluene-d8	10.40	98	697264	42.77	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.54%	
62) 4-Bromofluorobenzene	13.55	95	294524	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
16) Acetone	3.28	43	145425m	132.846	ug/l	Qvalue
20) Methylene Chloride	3.79	84	54678	7.276	ug/l	97
25) 2-Butanone	6.10	43	17192m	12.485	ug/l	
40) Benzene	7.44	78	36333	1.865	ug/l	92
52) Toluene	10.49	92	40913	3.442	ug/l	92

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

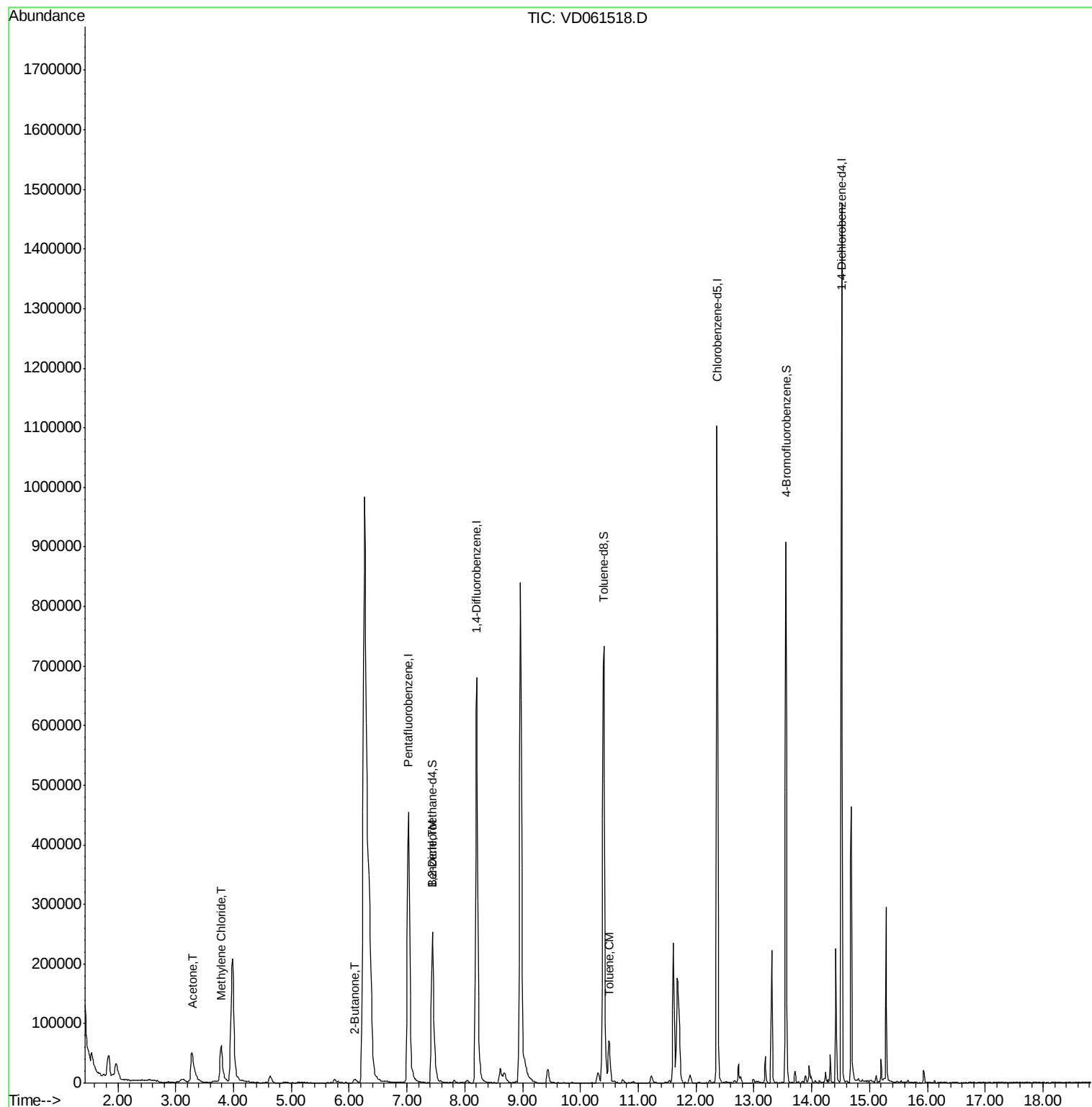
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040219\
Data File : VD061518.D
Acq On : 2 Apr 2019 17:02
Operator : VA/AP
Sample : K2183-02RE
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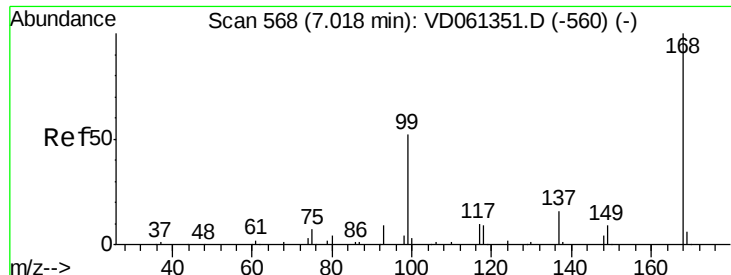
Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002RE

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Quant Time: Apr 03 08:12:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD061518.D

Acq: 2 Apr 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-002RE

Tot Ion:168 Resp: 498500

Ion Ratio Lower Upper

168 100

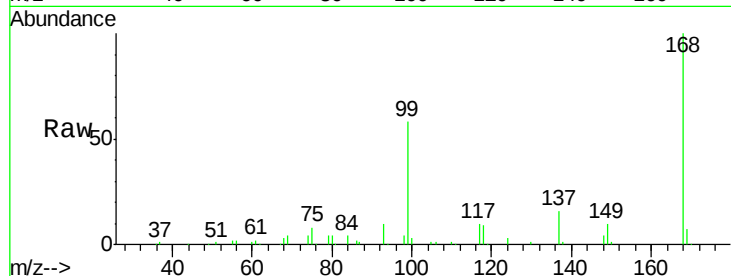
99 58.3 43.1 64.7

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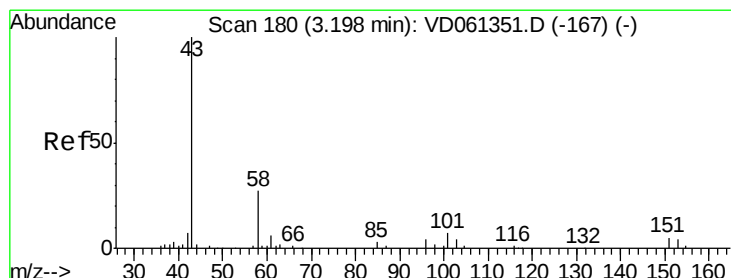
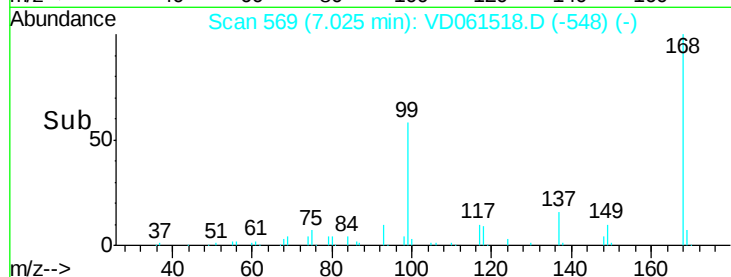
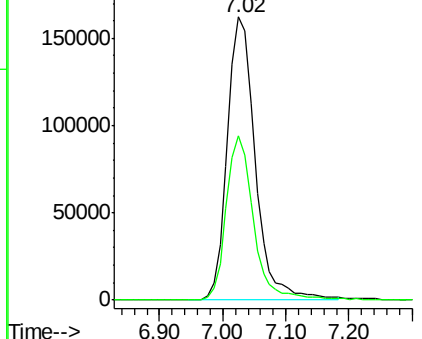
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 132.846 ug/l m

RT: 3.28 min Scan# 189

Delta R.T. 0.09 min

Lab File: VD061518.D

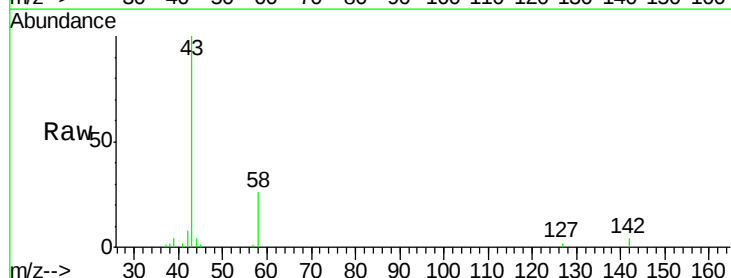
Acq: 2 Apr 2019 17:02

Tgt Ion: 43 Resp: 145425

Ion Ratio Lower Upper

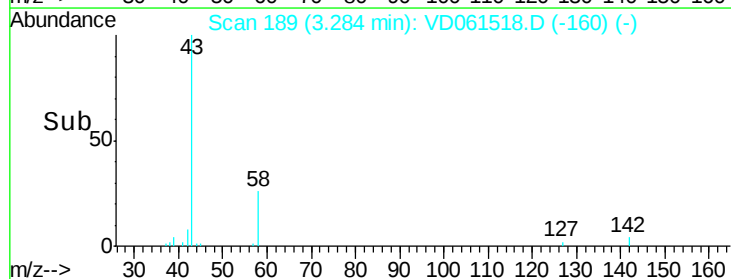
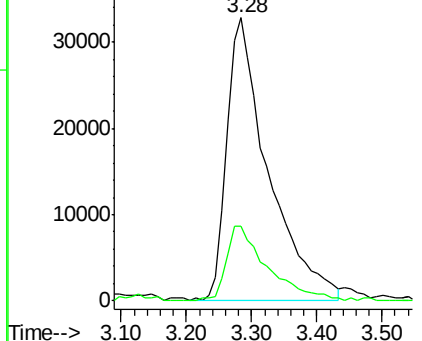
43 100

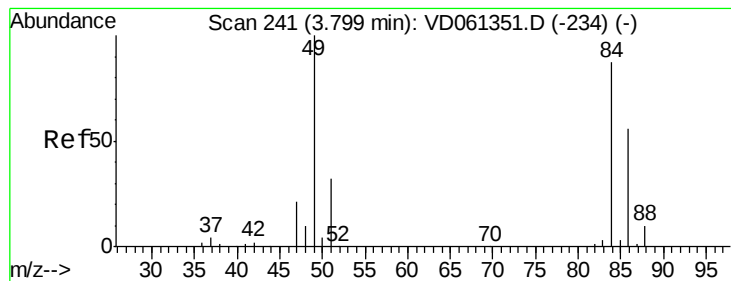
58 26.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methvlene Chloride

Concen: 7.276 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD061518.D

Acq: 2 Apr 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-002RE

Tot Ion: 84 Resp: 54678

Ion Ratio Lower Upper

84 100

49 113.3 91.8 137.8

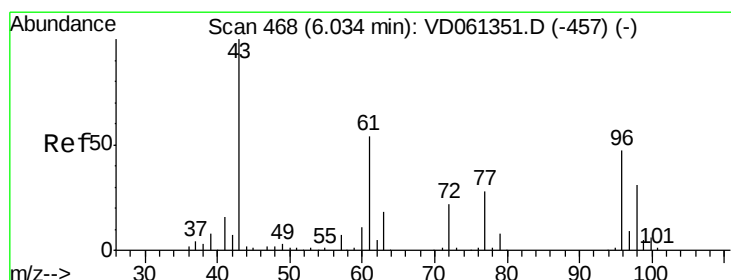
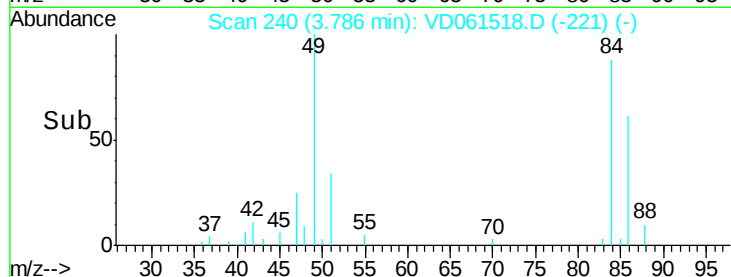
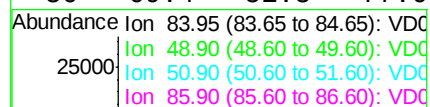
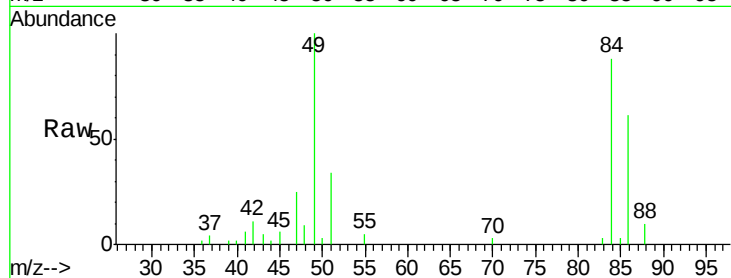
51 38.1 29.8 44.8

86 69.4 51.8 77.6

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#25

2-Butanone

Concen: 12.485 ug/l m

RT: 6.10 min Scan# 475

Delta R.T. 0.07 min

Lab File: VD061518.D

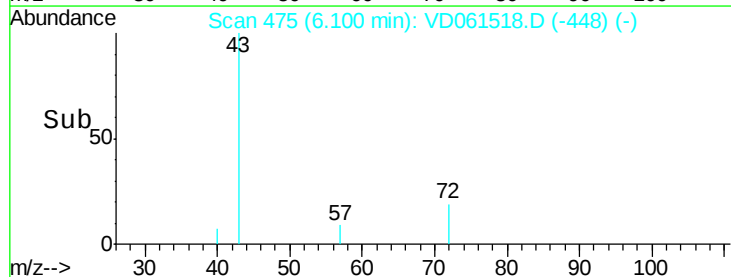
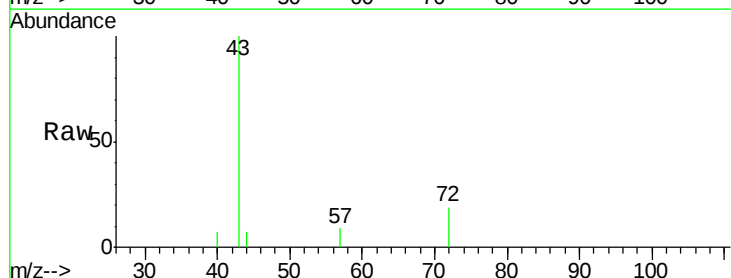
Acq: 2 Apr 2019 17:02

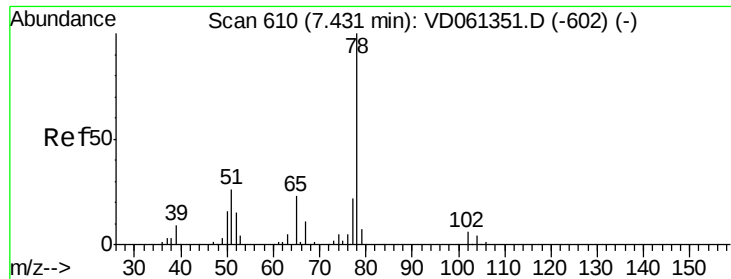
Tgt Ion: 43 Resp: 17192

Ion Ratio Lower Upper

43 100

72 19.1 17.2 25.8





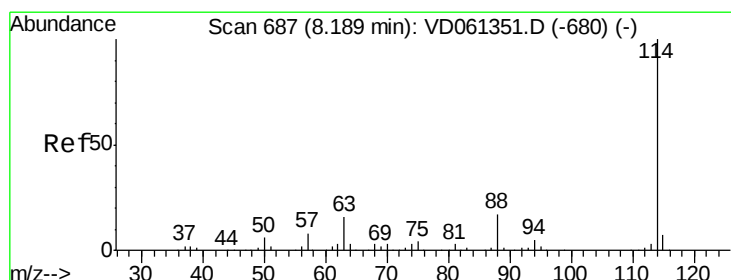
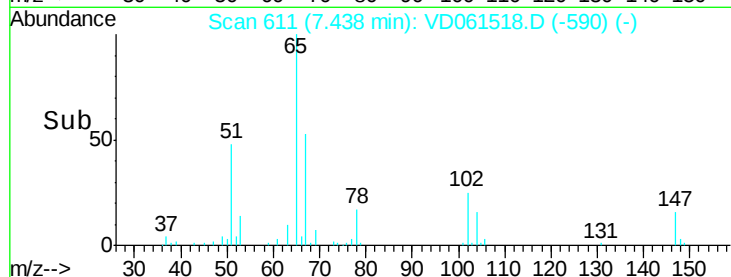
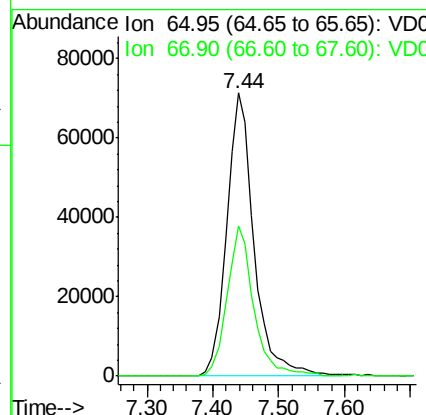
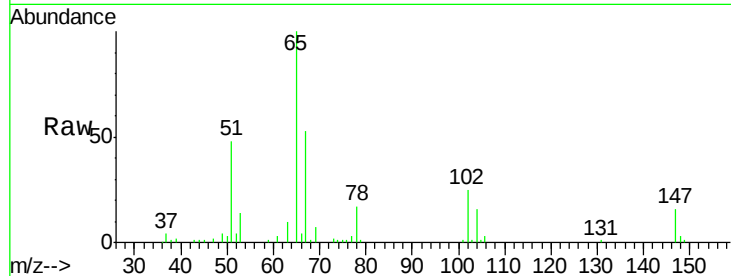
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061518.D
 Acq: 2 Apr 2019 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-002RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	205774		
67	53.2	0.0	99.8	

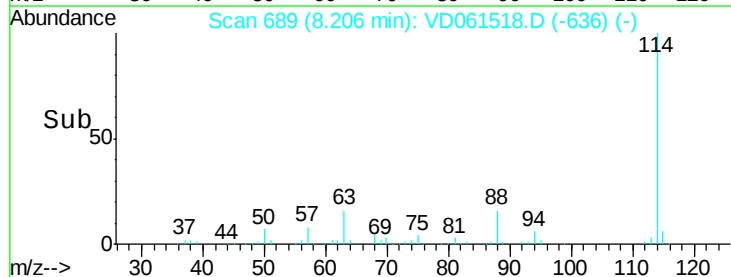
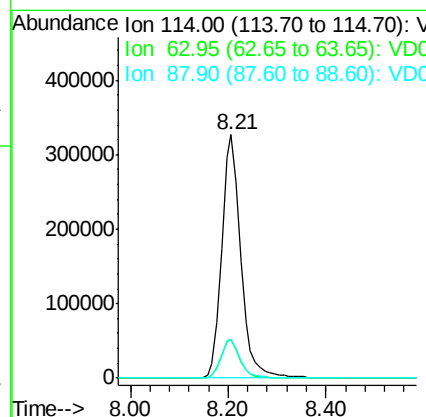
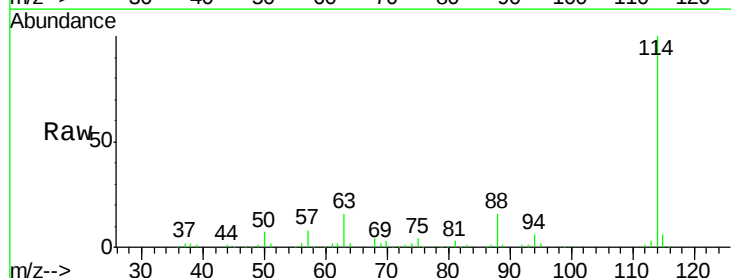
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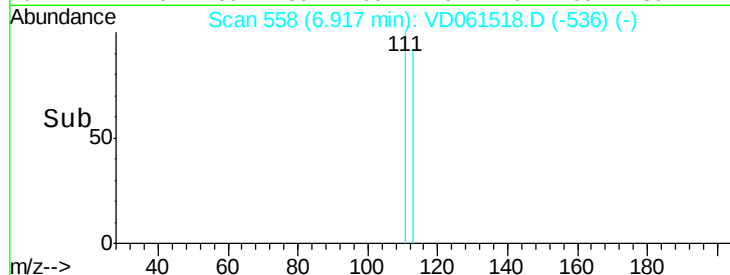
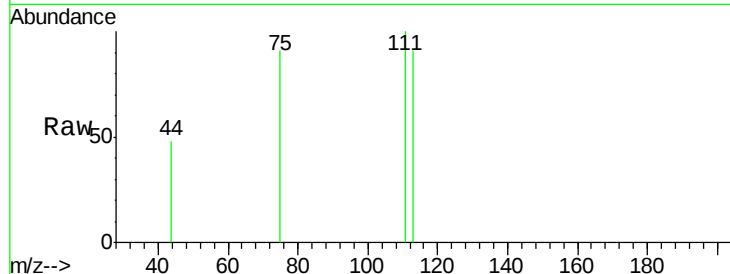
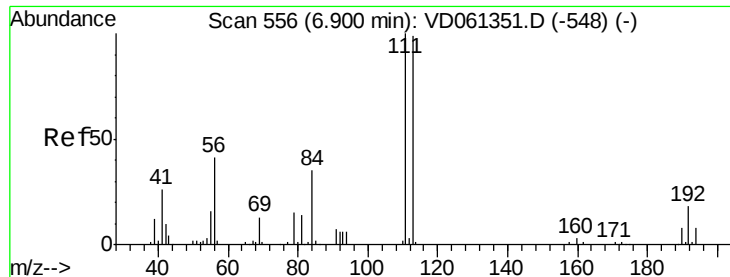
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061518.D
 Acq: 2 Apr 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	889398		
63	15.9	0.0	31.6	
88	16.2	0.0	33.4	





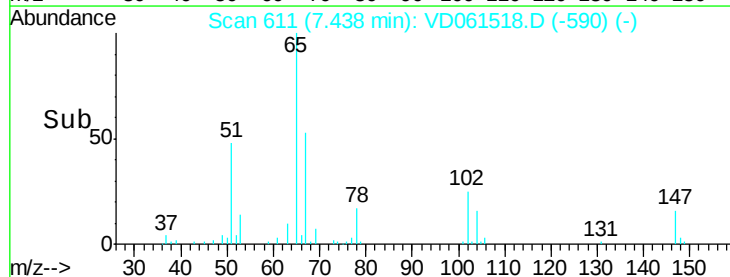
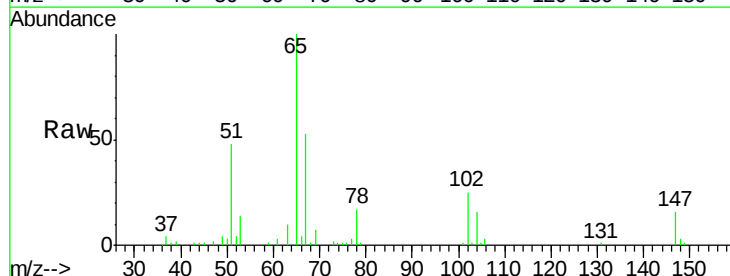
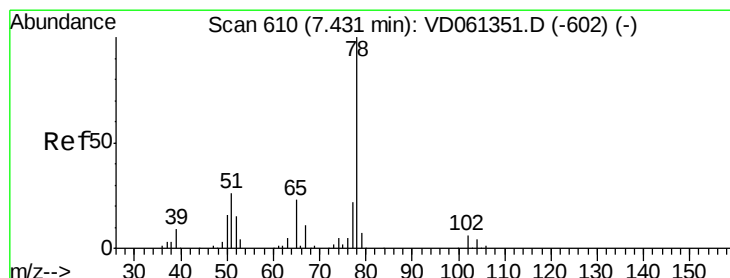
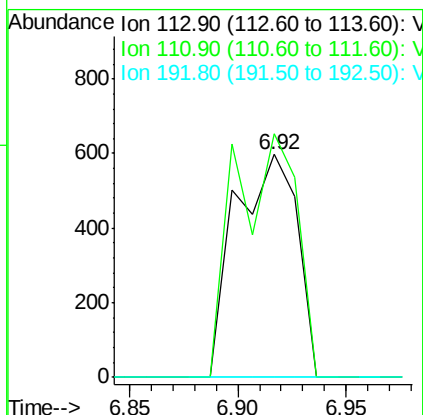
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD061518.D
Acq: 2 Apr 2019 17:02

Tot Ion	Ratio	Lower	Upper
113	100		
111	109.4	81.0	121.6
192	0.0	14.4	21.6

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002RE

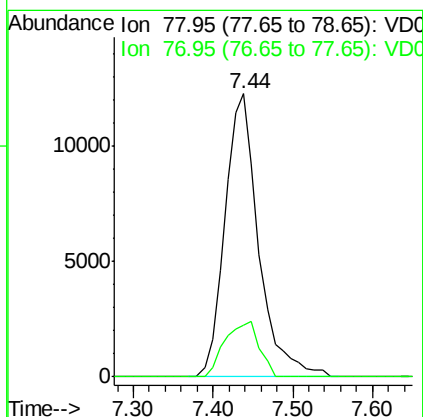
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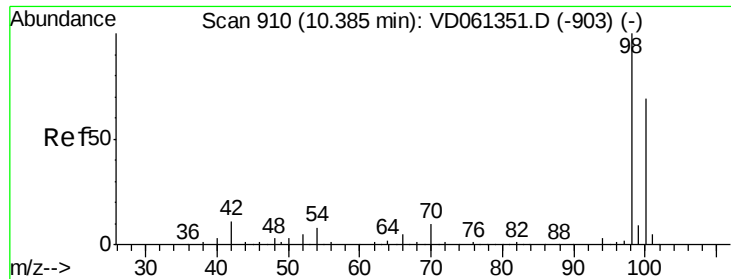
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#40
Benzene
Concen: 1.865 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD061518.D
Acq: 2 Apr 2019 17:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	18.5	17.8	26.6





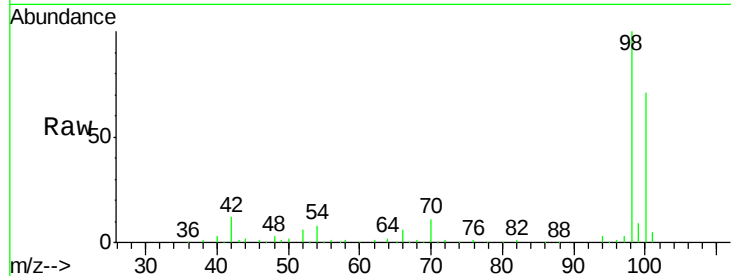
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061518.D
Acq: 2 Apr 2019 17:02

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002RE

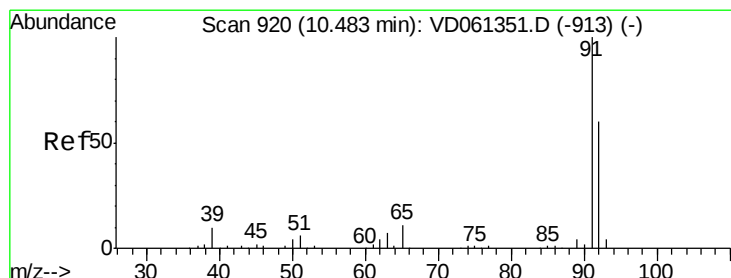
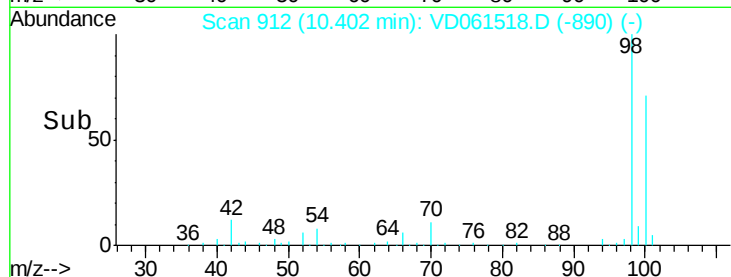
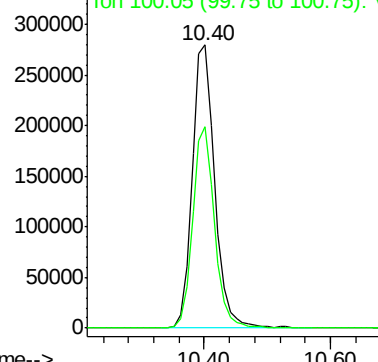
Tot Ion: 98 Resp: 697264
Ion Ratio Lower Upper
98 100
100 71.2 56.2 84.2

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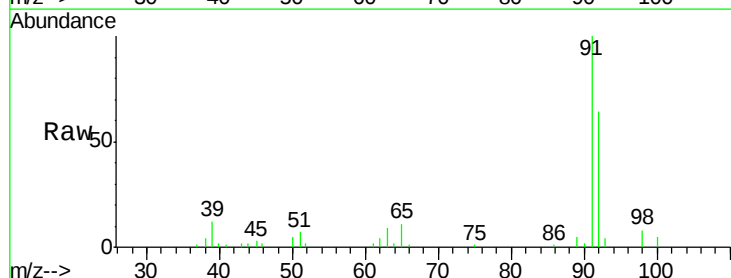


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

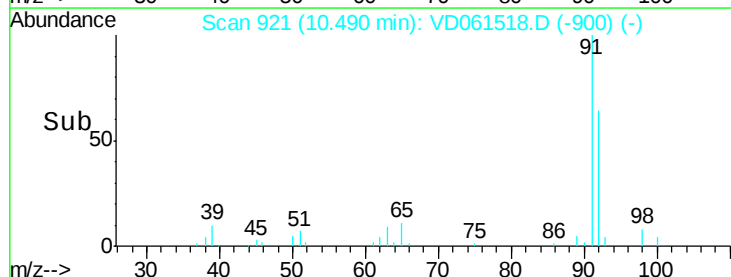
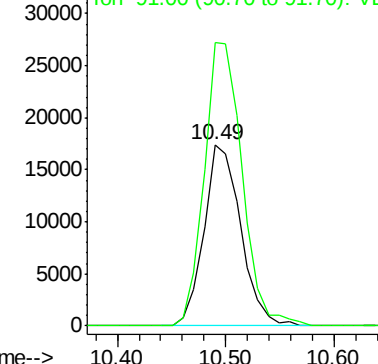


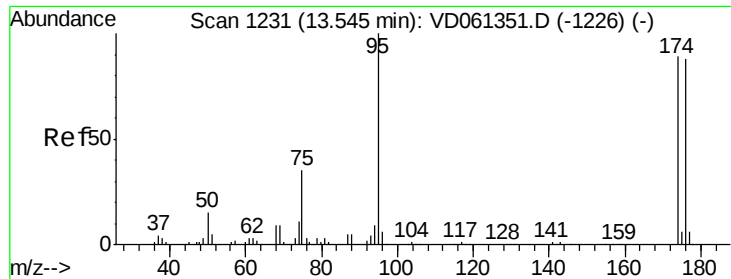
#52
Toluene
Concen: 3.442 ug/l
RT: 10.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: VD061518.D
Acq: 2 Apr 2019 17:02

Tgt Ion: 92 Resp: 40913
Ion Ratio Lower Upper
92 100
91 156.0 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





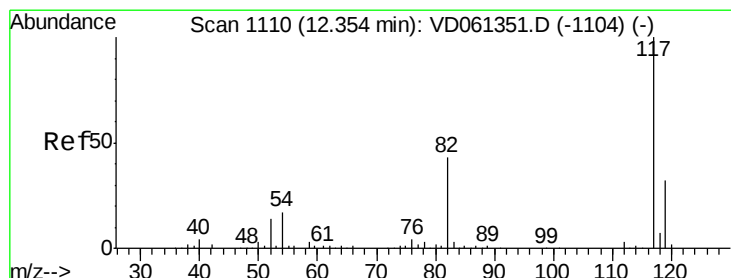
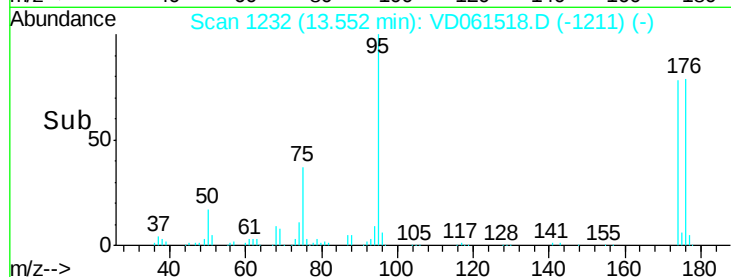
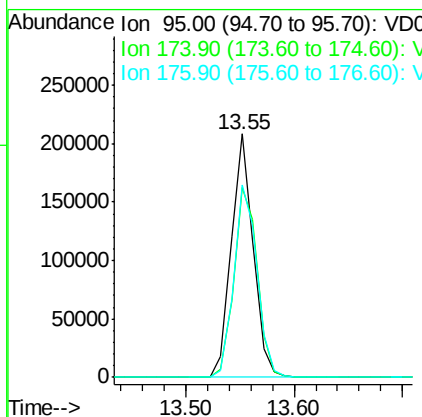
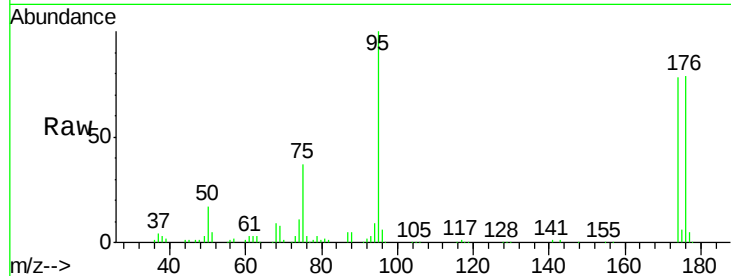
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061518.D
Acq: 2 Apr 2019 17:02

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-002RE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	294524		
174	77.8	0.0	178.0	
176	79.2	0.0	175.0	

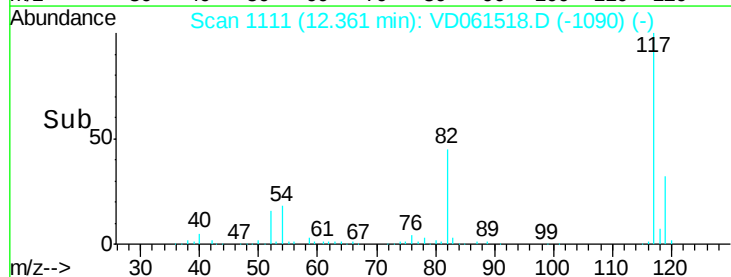
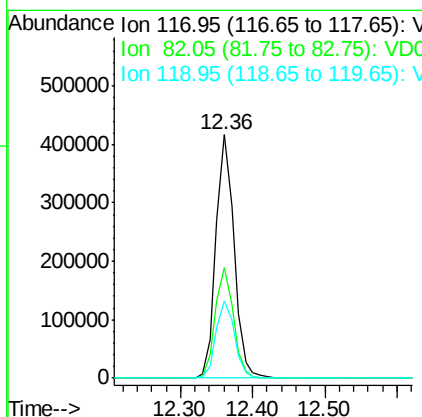
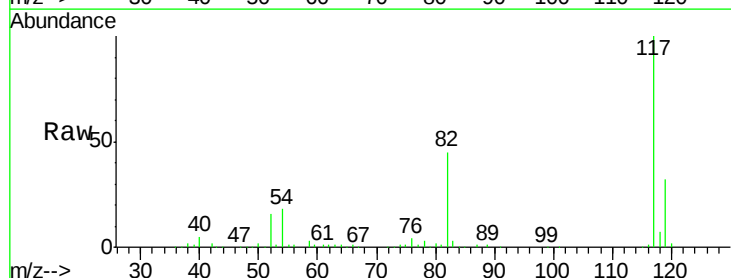
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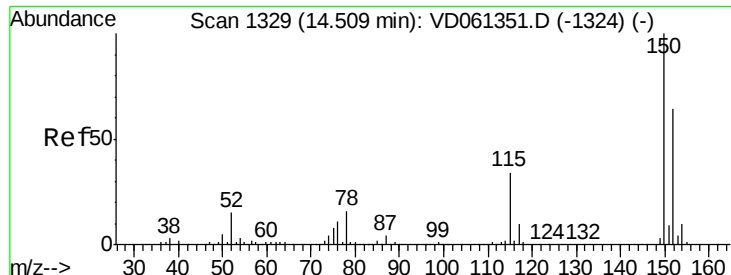
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061518.D
Acq: 2 Apr 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	715896		
82	45.3	34.4	51.6	
119	32.0	25.8	38.6	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061518.D
 Acq: 2 Apr 2019 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-002RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.9	80.6
150	151.5	0.0	318.0

Manual Integrations
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