

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061192.D
 Acq On : 19 Mar 2019 18:29
 Operator : VA/AP
 Sample : K1935-02RE
 Misc : 3.99g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17(5.5-6.5)RE

Quant Time: Mar 20 01:55:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

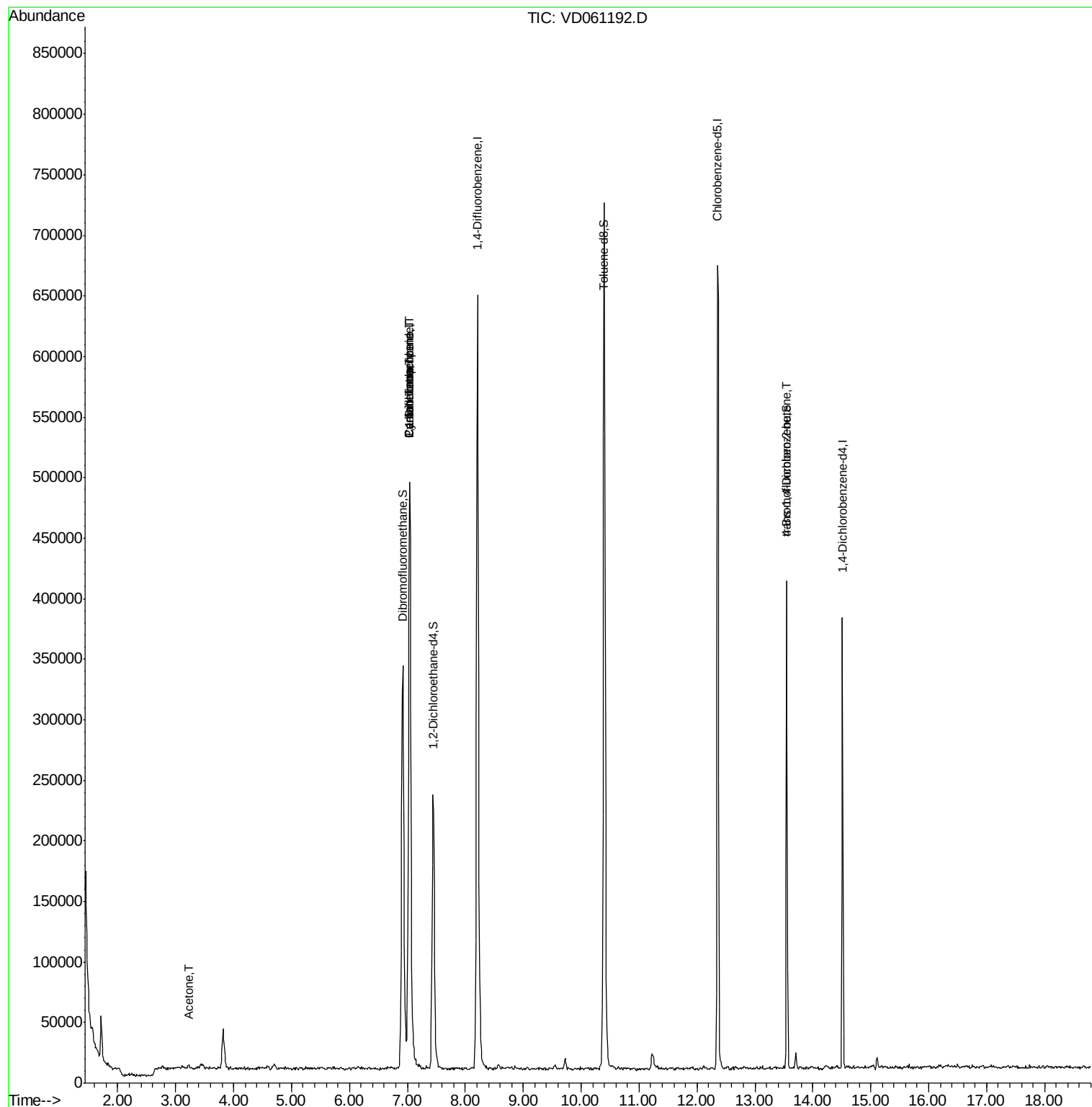
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	509678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	799995	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	450733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	81945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	224422	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	6.92	113	341297	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
50) Toluene-d8	10.39	98	688859	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	13.54	95	130923	22.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.26%	
Target Compounds						
16) Acetone	3.22	43	5216	4.299	ug/l	91
20) Methylene Chloride	3.82	84	22427	Below Cal	#	92
31) Cyclohexane	7.04	56	8338	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	37041	5.371	ug/l #	46
38) Carbon Tetrachloride	7.04	117	49240	6.482	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.54	75	47160	135.684	ug/l #	17

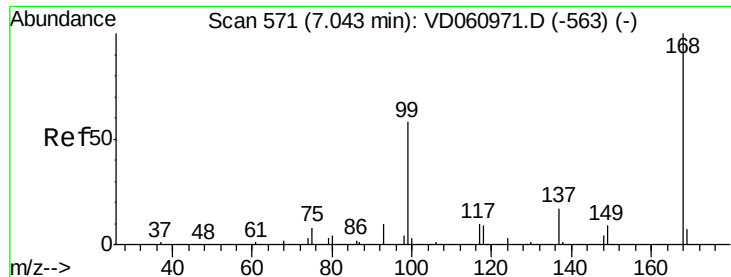
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031919\
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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061192.D

Acq: 19 Mar 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

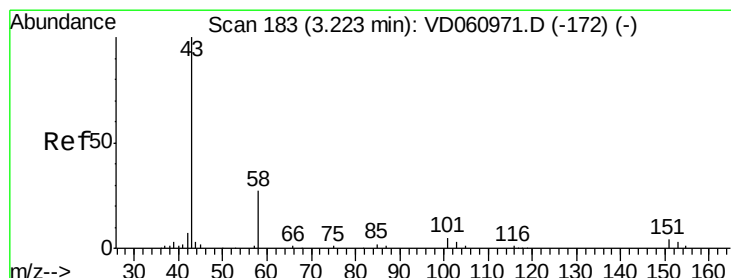
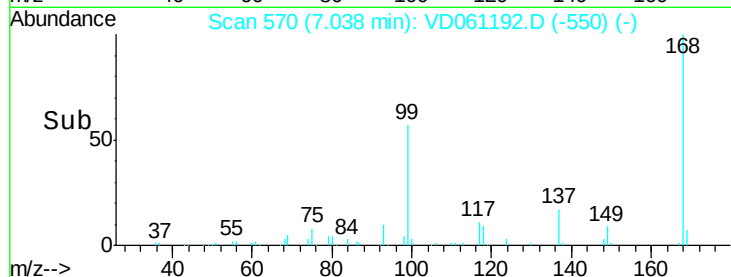
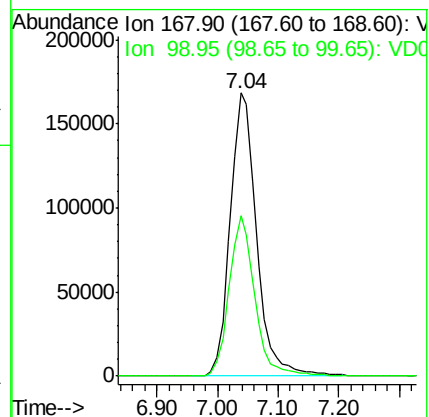
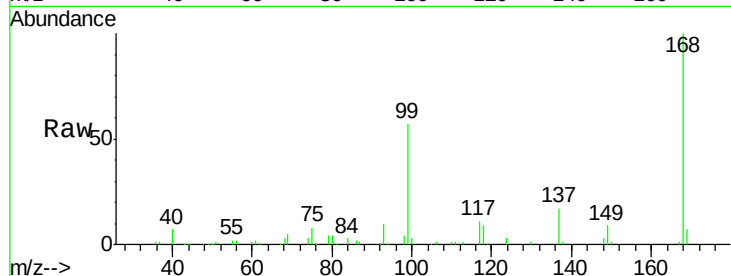
SB-17(5.5-6.5)RE

Tot Ion:168 Resp: 509678

Ion Ratio Lower Upper

168 100

99 56.8 47.3 70.9



#16

Acetone

Concen: 4.299 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061192.D

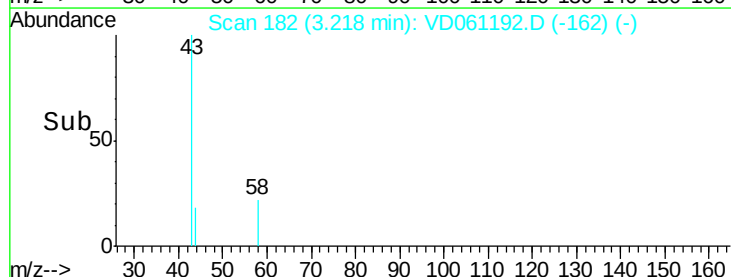
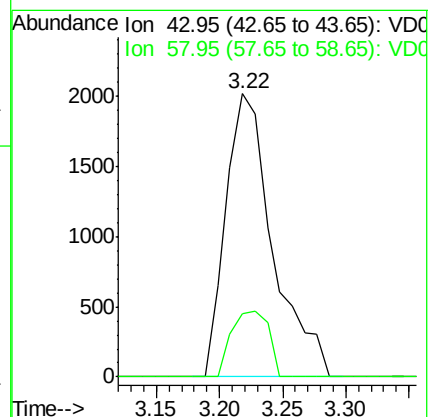
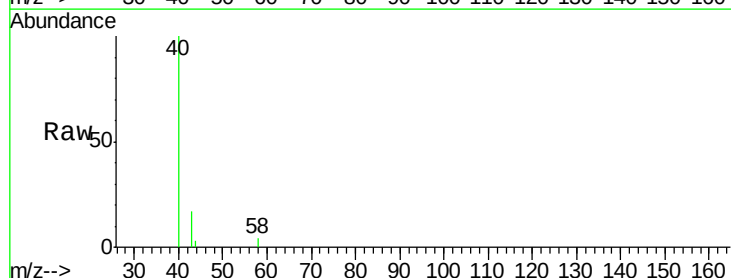
Acq: 19 Mar 2019 18:29

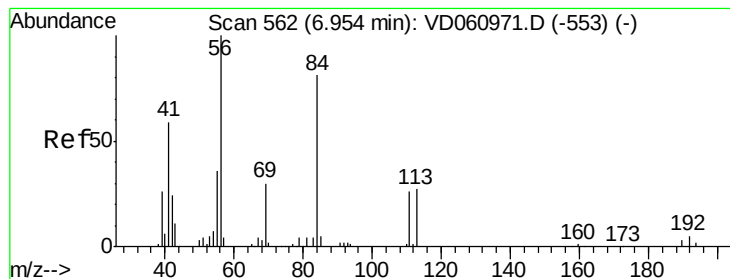
Tgt Ion: 43 Resp: 5216

Ion Ratio Lower Upper

43 100

58 22.5 21.6 32.4





#31

Cyclohexane

Concen: 1.111 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.08 min

Lab File: VD061192.D

Acq: 19 Mar 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

SB-17(5.5-6.5)RE

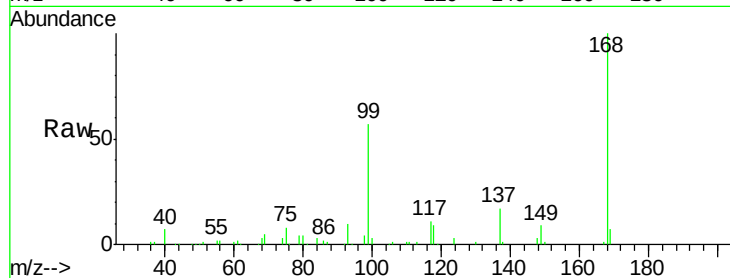
Tot Ion: 56 Resp: 8338

Ion Ratio Lower Upper

56 100

69 235.7 24.0 36.0#

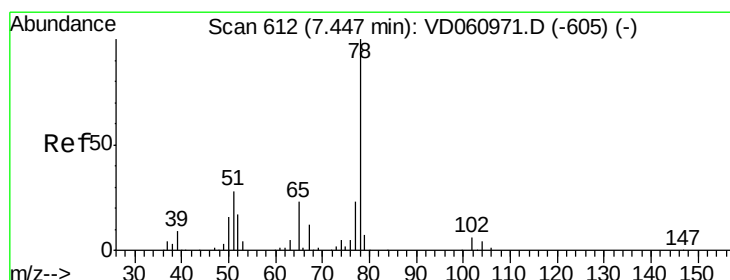
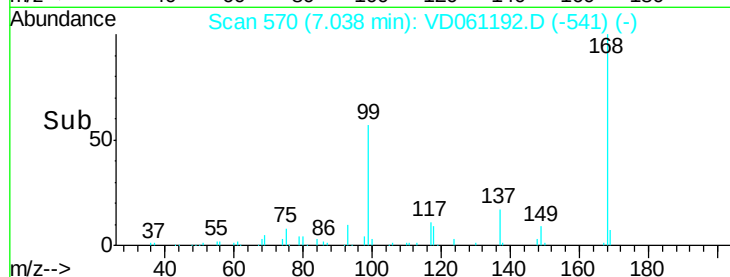
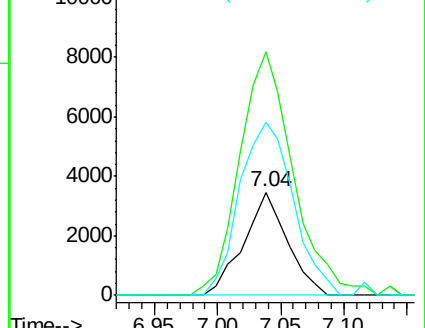
84 168.3 65.8 98.6#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061192.D

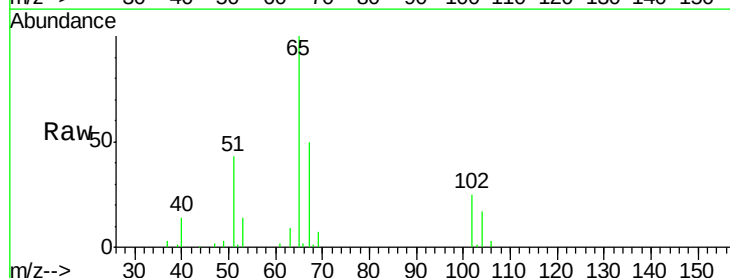
Acq: 19 Mar 2019 18:29

Tgt Ion: 65 Resp: 224422

Ion Ratio Lower Upper

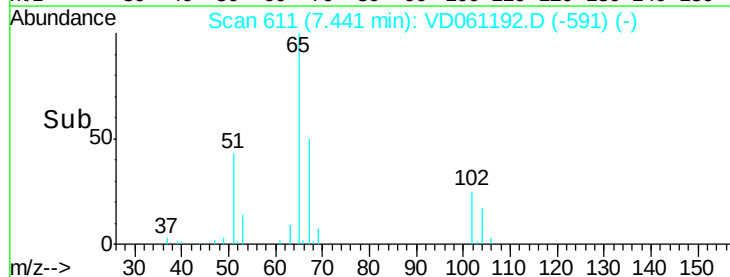
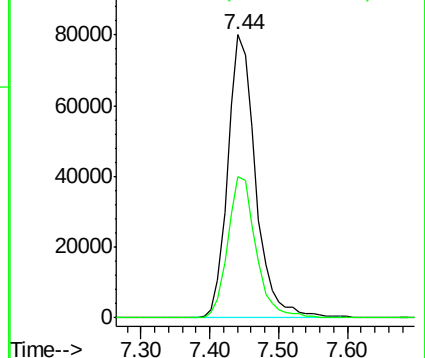
65 100

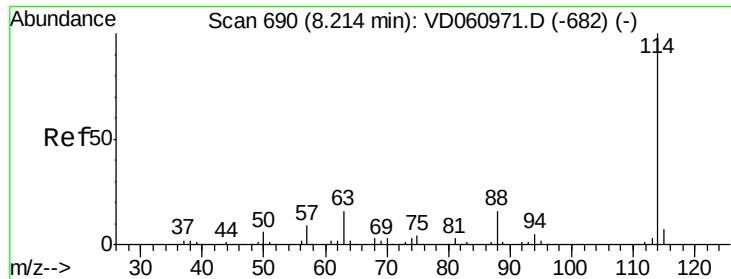
67 49.9 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

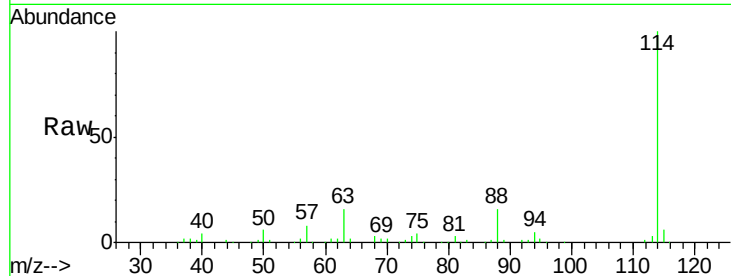




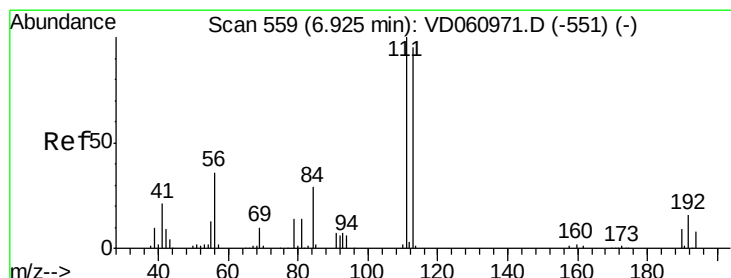
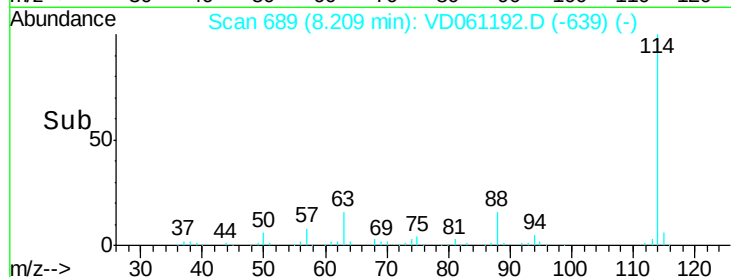
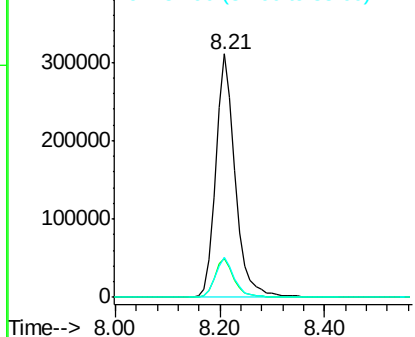
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061192.D
 Acq: 19 Mar 2019 18:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17(5.5-6.5)RE

Tot Ion:114 Resp: 799995
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.4
 88 16.3 0.0 33.0

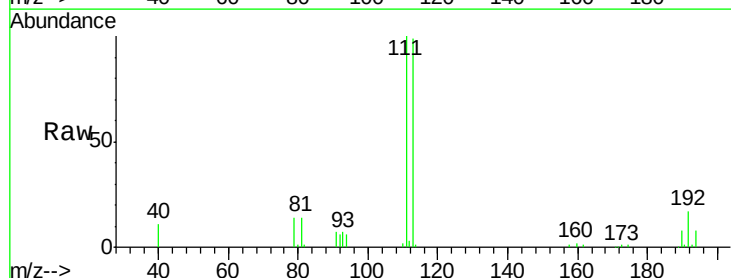


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

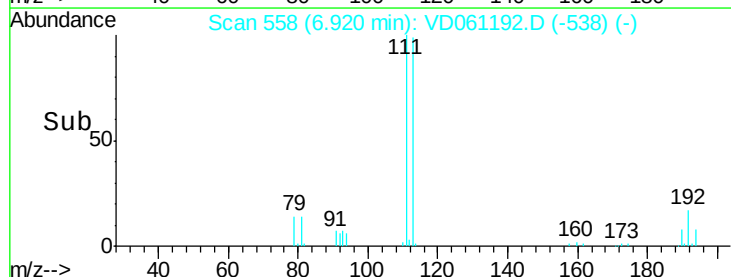
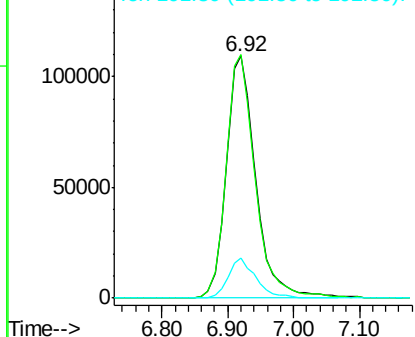


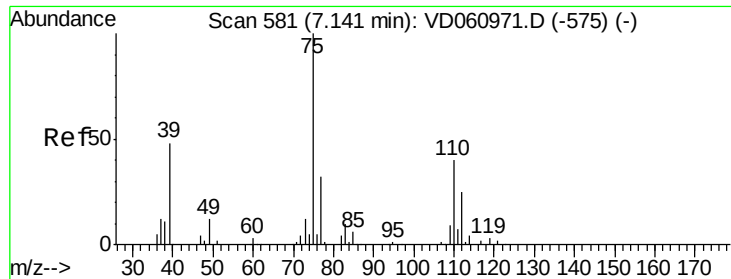
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061192.D
 Acq: 19 Mar 2019 18:29

Tgt Ion:113 Resp: 341297
 Ion Ratio Lower Upper
 113 100
 111 100.5 84.2 126.4
 192 16.8 13.1 19.7



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

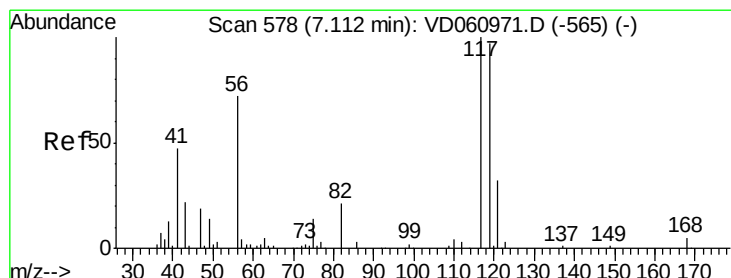
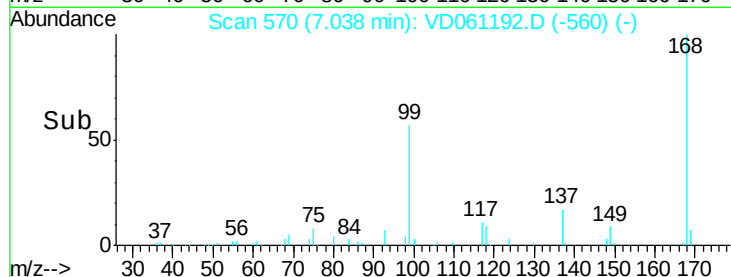
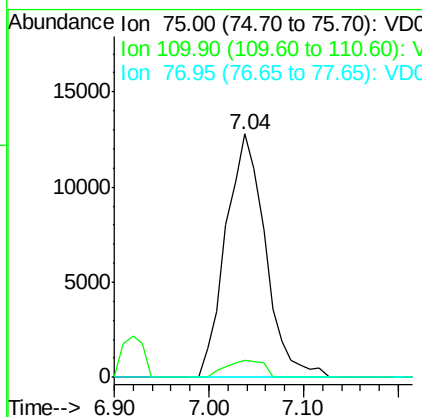
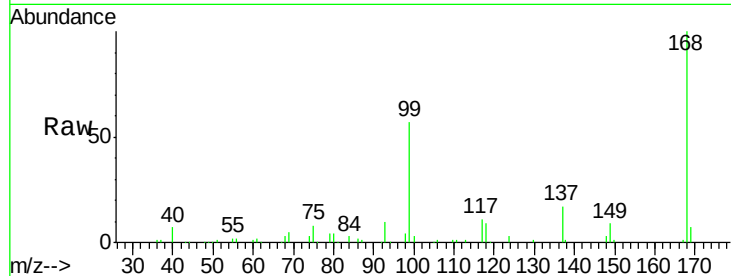




#36
 1,1-Dichloropropene
 Concen: 5.371 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.10 min
 Lab File: VD061192.D
 Acq: 19 Mar 2019 18:29

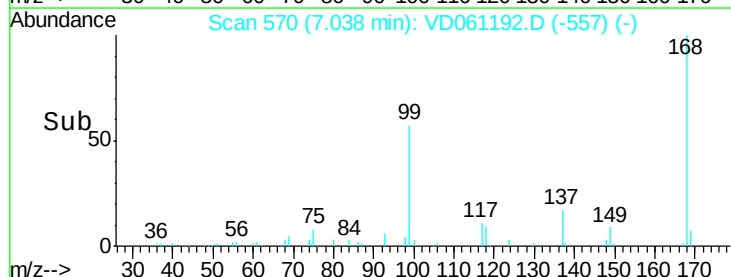
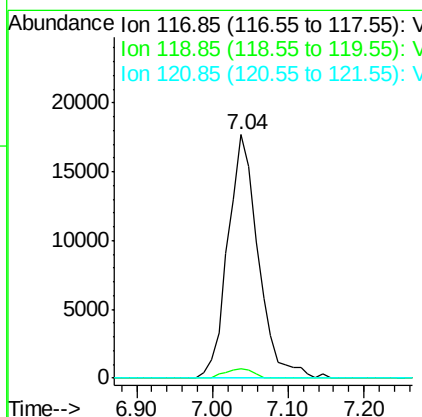
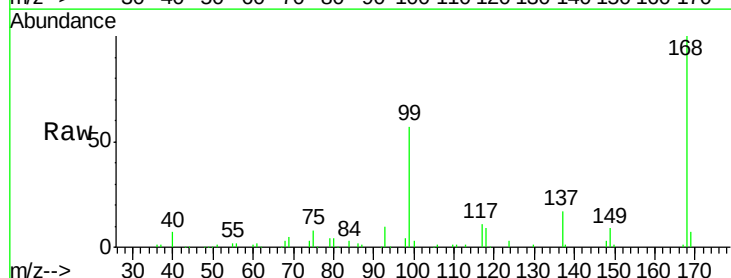
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17(5.5-6.5)RE

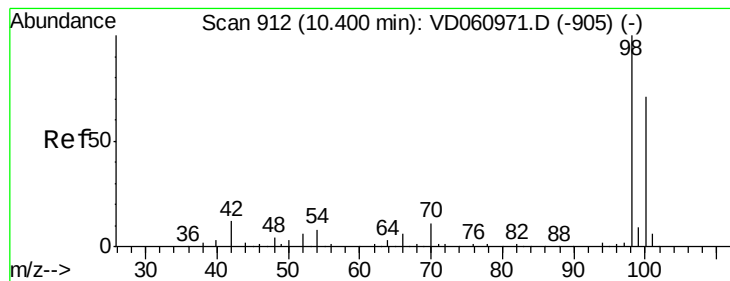
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.3	19.7	59.1#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.482 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.07 min
 Lab File: VD061192.D
 Acq: 19 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.8	116.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061192.D

Acq: 19 Mar 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

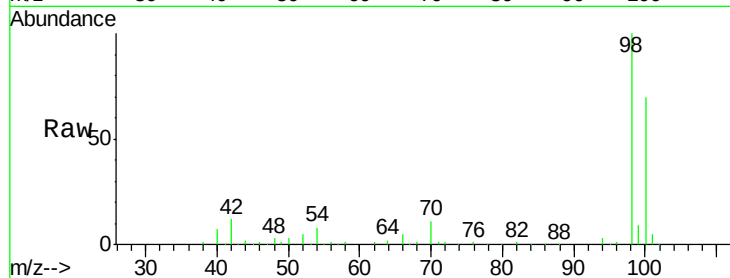
SB-17(5.5-6.5)RE

Tot Ion: 98 Resp: 688859

Ion Ratio Lower Upper

98 100

100 69.8 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.39

250000

200000

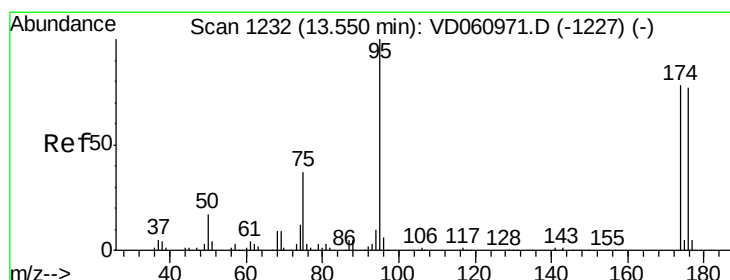
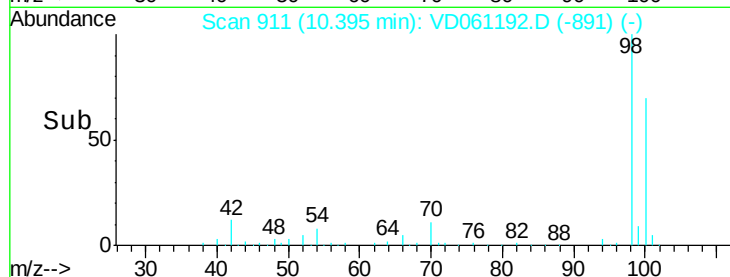
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061192.D

Acq: 19 Mar 2019 18:29

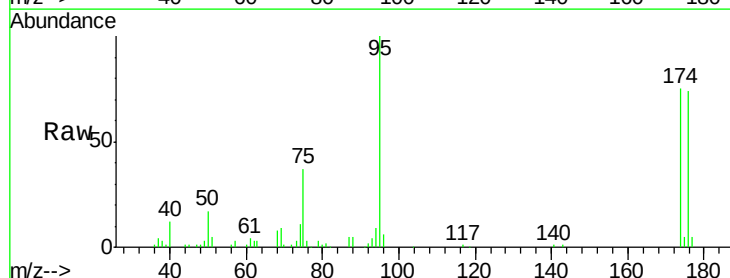
Tgt Ion: 95 Resp: 130923

Ion Ratio Lower Upper

95 100

174 75.3 0.0 155.6

176 73.8 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

120000

100000

80000

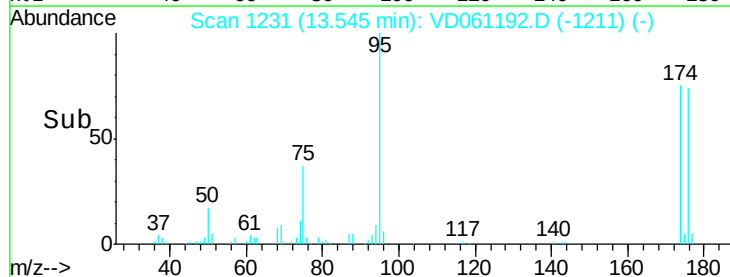
60000

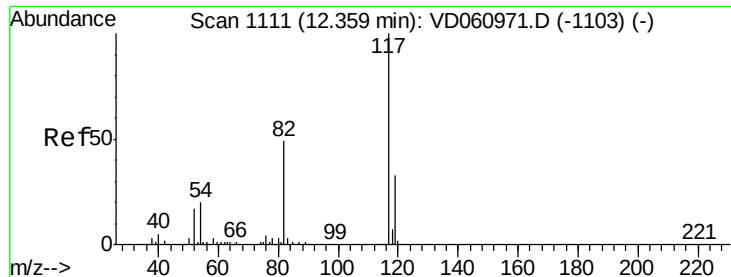
40000

20000

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Time-->

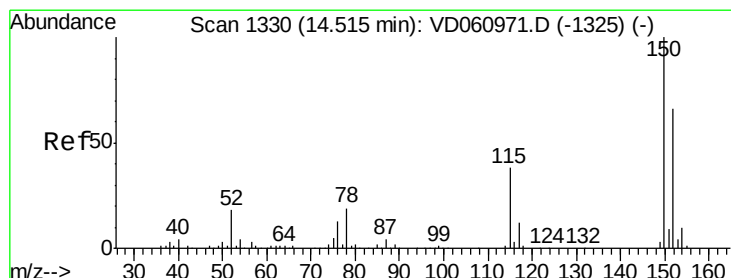
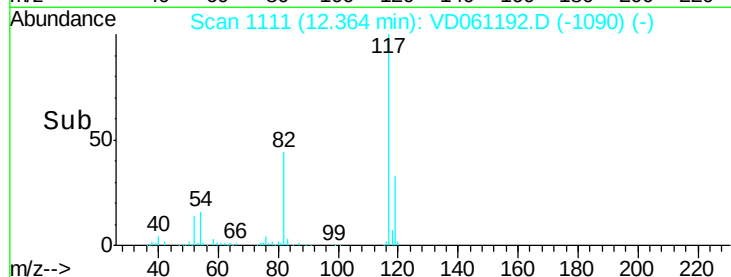
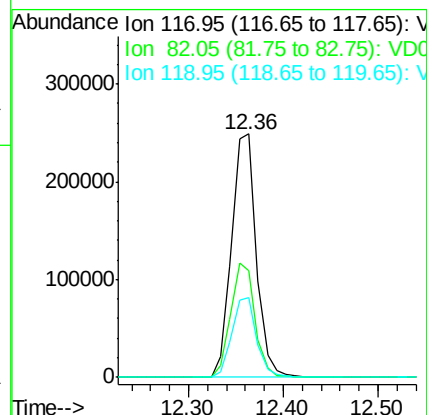
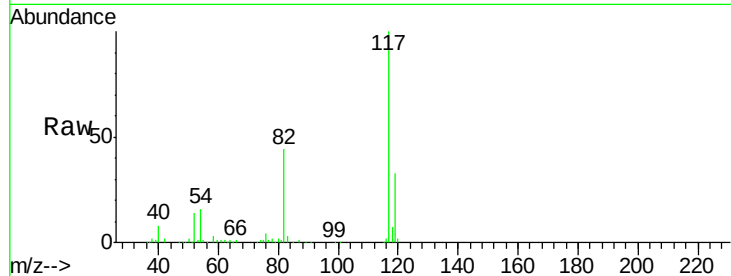




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061192.D
Acq: 19 Mar 2019 18:29

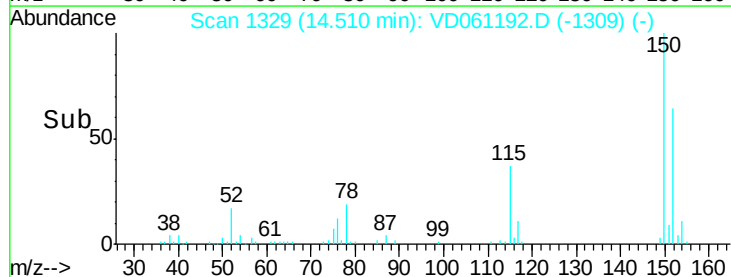
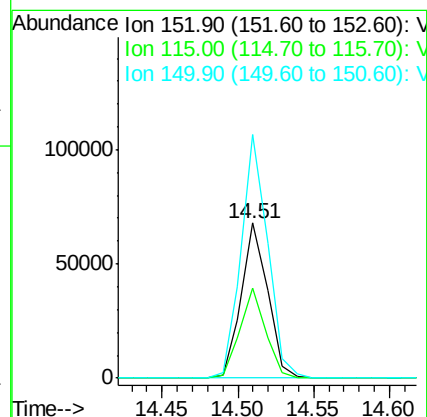
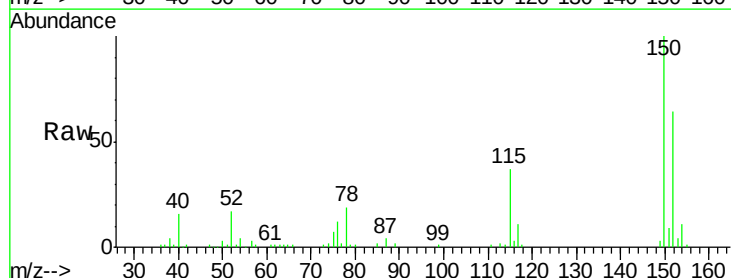
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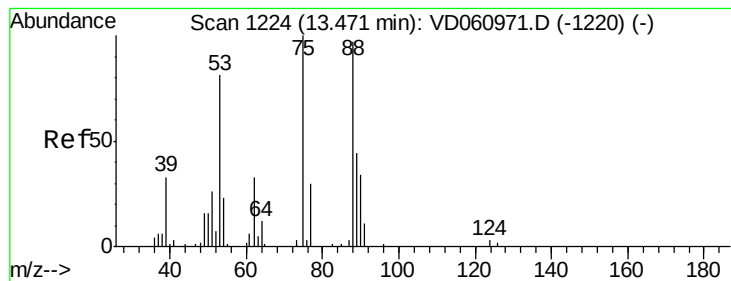
Tot Ion:117 Resp: 450733
Ion Ratio Lower Upper
117 100
82 44.0 38.9 58.3
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061192.D
Acq: 19 Mar 2019 18:29

Tgt Ion:152 Resp: 81945
Ion Ratio Lower Upper
152 100
115 58.3 28.6 85.9
150 157.4 0.0 310.6





#81

trans-1,4-Dichloro-2-butene

Concen: 135.684 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD061192.D

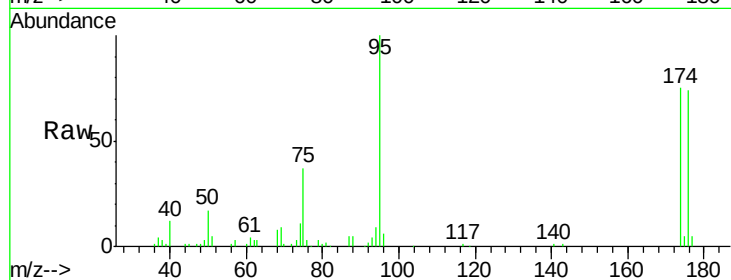
Acq: 19 Mar 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

SB-17(5.5-6.5)RE



Tot Ion:	75	Resp:	47160
Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	34.8	52.2#

