

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112918\
 Data File : VD060463.D
 Acq On : 29 Nov 2018 13:05
 Operator : VA/AP
 Sample : J6125-04
 Misc : 6.4u/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-028-B

Quant Time: Nov 30 04:53:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1218351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1649183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1218180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	475187	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	456322	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
35) Dibromofluoromethane	6.33	113	624224	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
50) Toluene-d8	9.46	98	1659543	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	12.43	95	510758	39.16	ug/l	0.00
Spiked Amount			Recovery	=	78.32%	

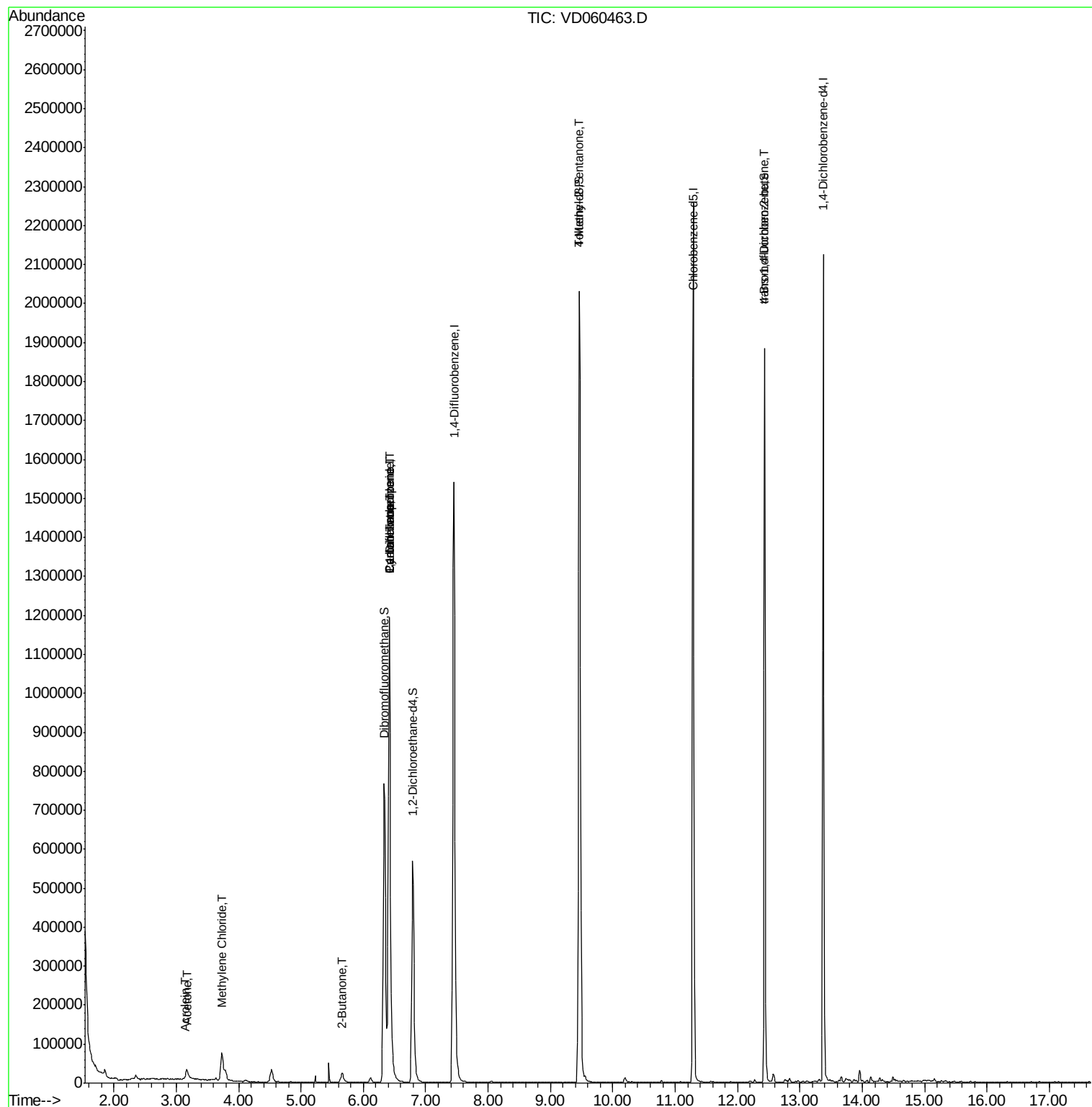
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	682	Below Cal	#	41
13) Acrolein	3.13	56	449	1.061	ug/l #	14
16) Acetone	3.17	43	55877	36.926	ug/l	97
20) Methylene Chloride	3.73	84	48118	3.585	ug/l	92
25) 2-Butanone	5.66	43	3871	1.231	ug/l #	60
31) Cyclohexane	6.42	56	23748	1.140	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	82843	5.085	ug/l #	47
38) Carbon Tetrachloride	6.42	117	94212	6.233	ug/l #	16
51) 4-Methyl-2-Pentanone	9.46	43	9356	1.526	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.43	75	202102	124.884	ug/l #	15
89) n-Butylbenzene	13.65	91	1129	Below Cal	#	69

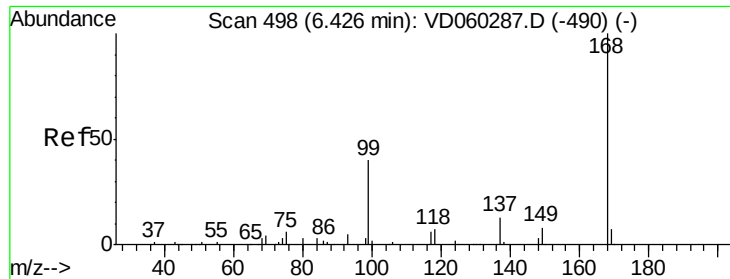
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112918\
Data File : VD060463.D
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Operator : VA/AP
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Misc : 6.4µl/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060463.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_D

ClientSampleId :

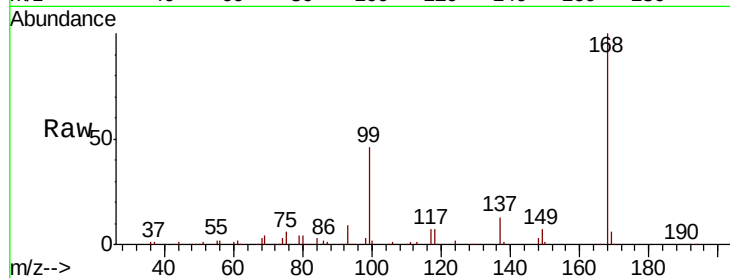
FK-GF-02-028-B

Tot Ion:168 Resp: 1218351

Ion Ratio Lower Upper

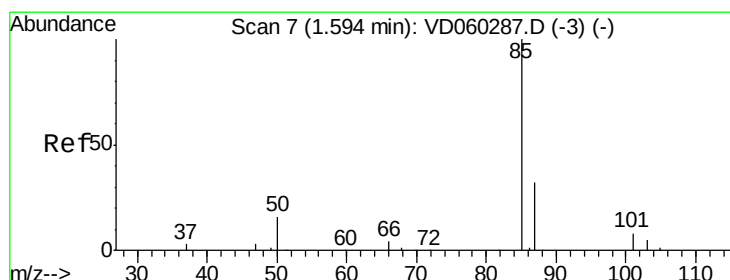
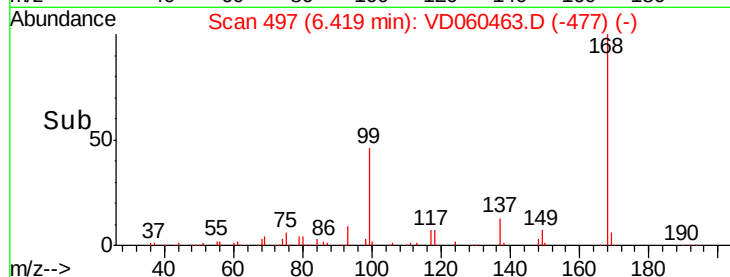
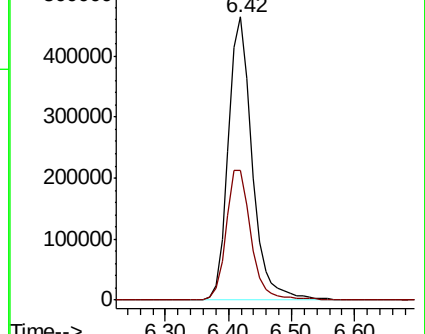
168 100

99 45.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 7

Delta R.T. 0.00 min

Lab File: VD060463.D

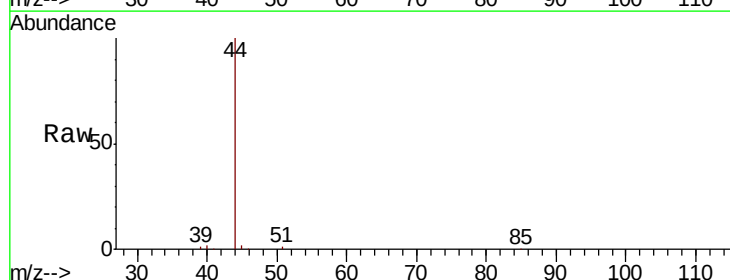
Acq: 29 Nov 2018 13:05

Tgt Ion: 85 Resp: 682

Ion Ratio Lower Upper

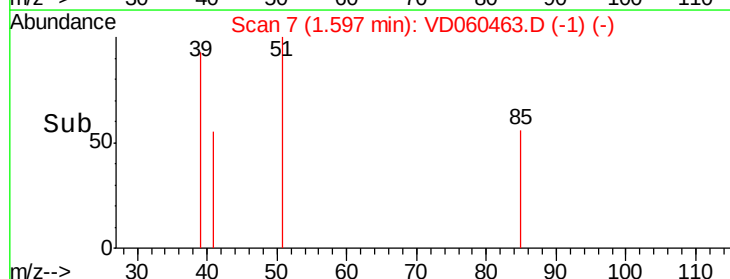
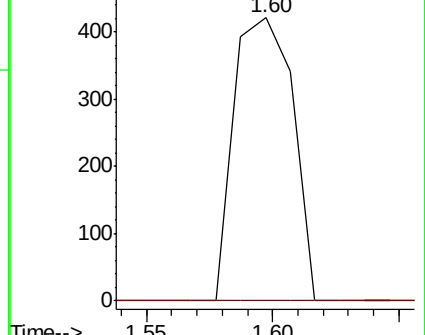
85 100

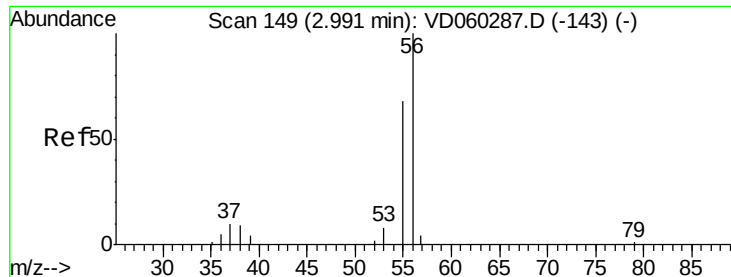
87 0.0 16.8 50.4#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#13

Acrolein

Concen: 1.061 ug/l

RT: 3.13 min Scan# 163

Delta R.T. 0.14 min

Lab File: VD060463.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_D

ClientSampleId :

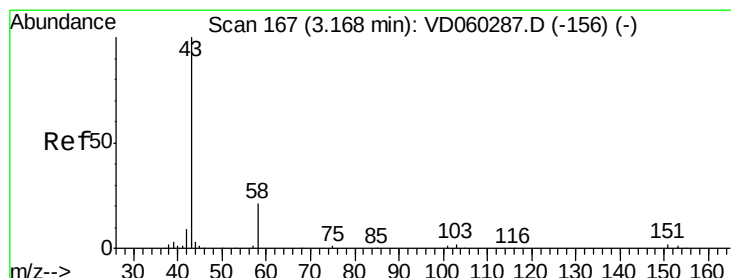
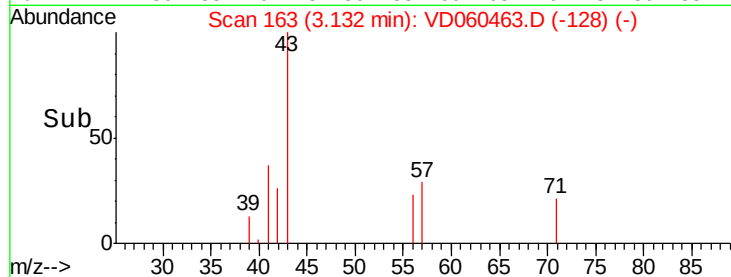
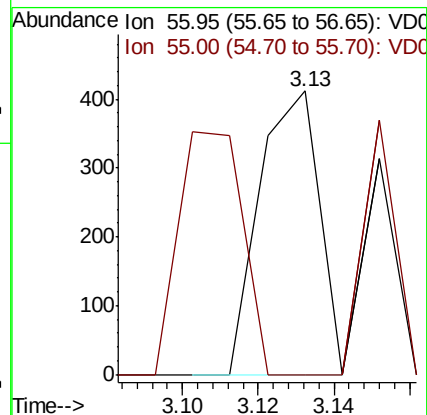
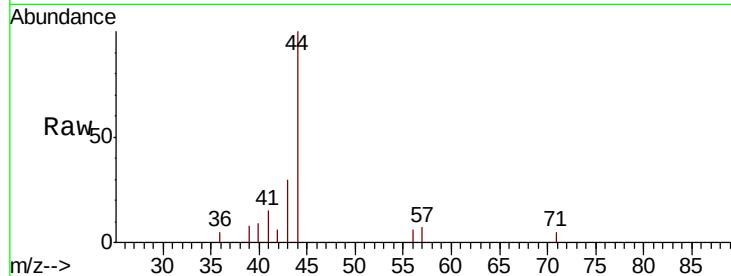
FK-GF-02-028-B

Tot Ion: 56 Resp: 449

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.6#



#16

Acetone

Concen: 36.926 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD060463.D

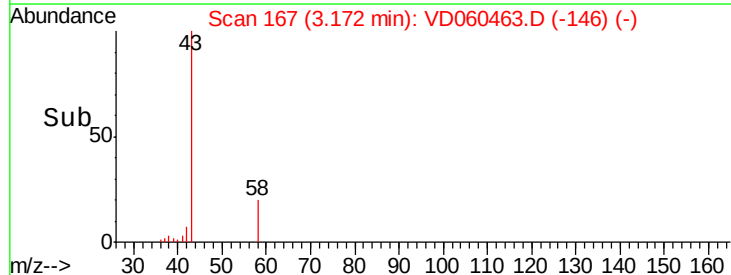
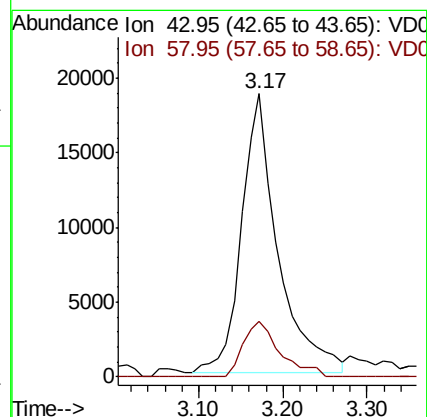
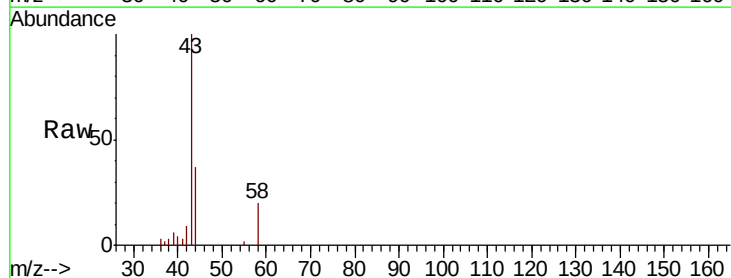
Acq: 29 Nov 2018 13:05

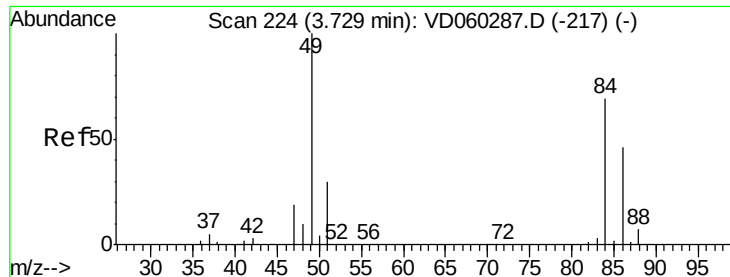
Tgt Ion: 43 Resp: 55877

Ion Ratio Lower Upper

43 100

58 19.7 16.9 25.3

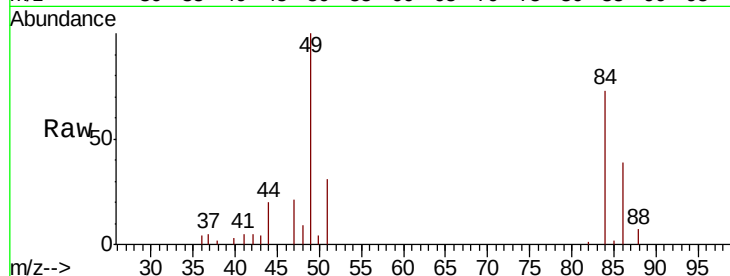




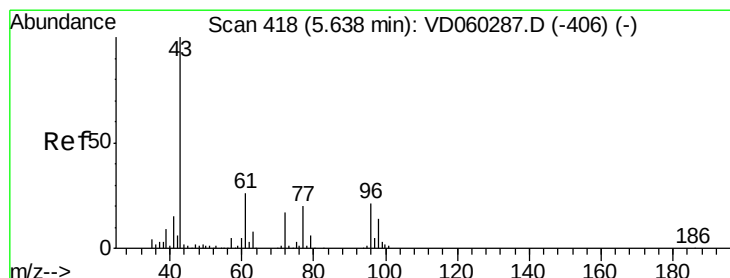
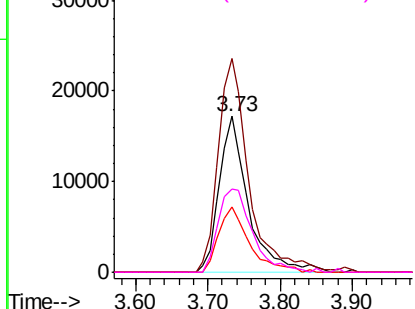
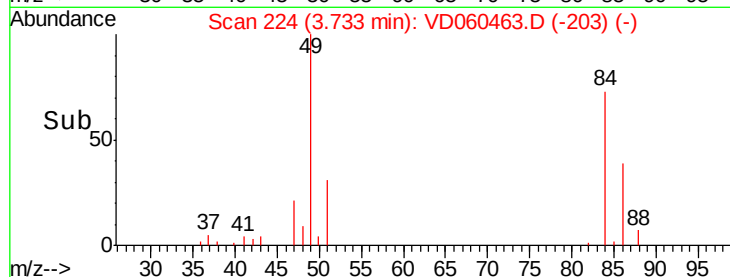
#20
Methvlene Chloride
Concen: 3.585 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tot Ion: 84 Resp: 48118
Ion Ratio Lower Upper
84 100
49 137.0 115.6 173.4
51 42.3 35.6 53.4
86 53.5 52.3 78.5

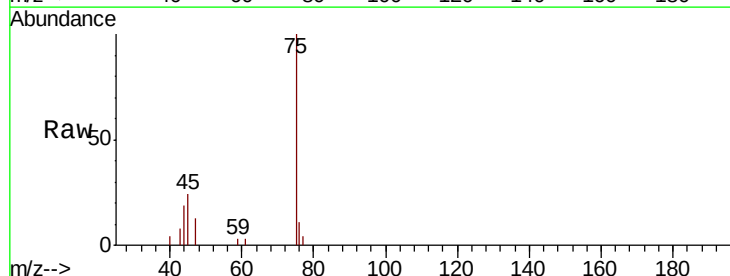


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

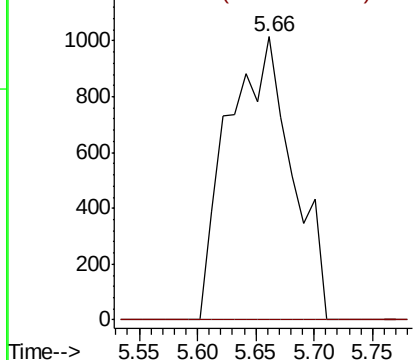
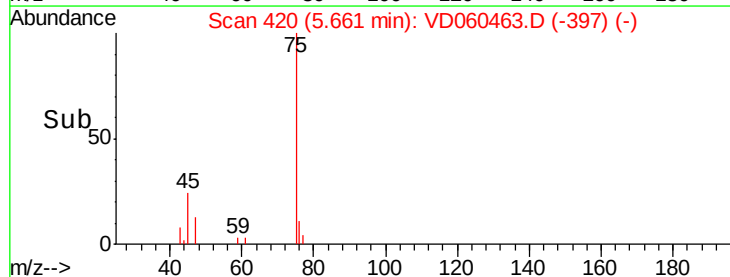


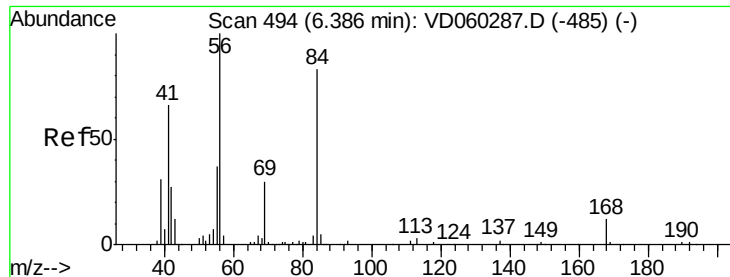
#25
2-Butanone
Concen: 1.231 ug/l
RT: 5.66 min Scan# 420
Delta R.T. 0.02 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
72 0.0 13.8 20.8#



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

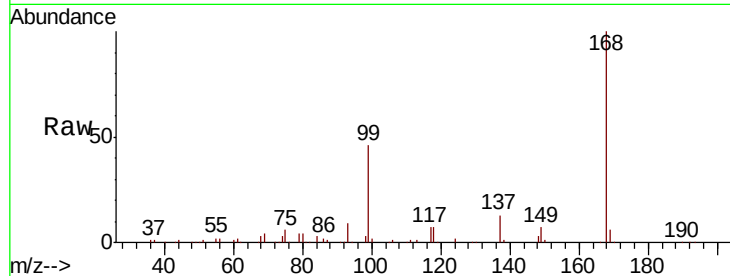




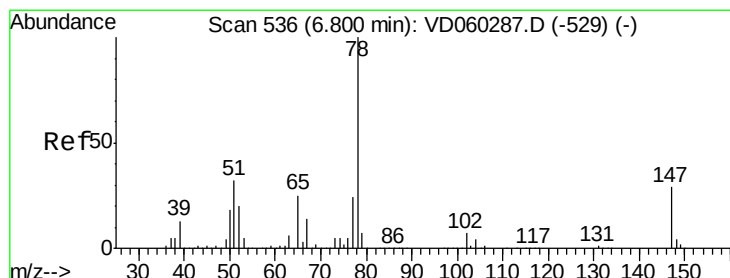
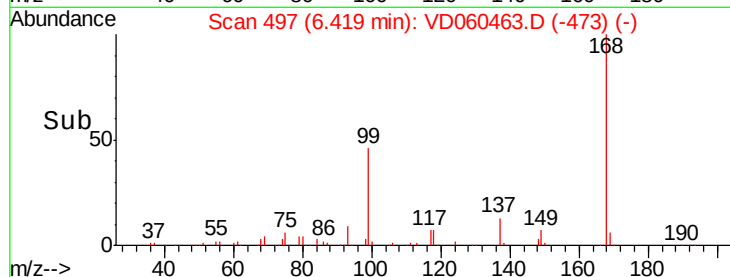
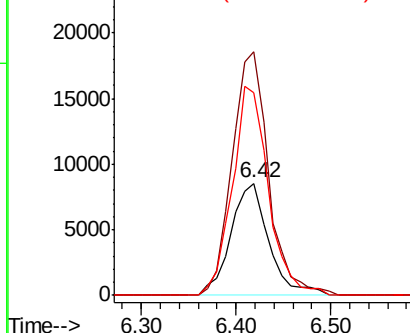
#31
Cyclohexane
Concen: 1.140 ug/l
RT: 6.42 min Scan# 497
Delta R.T. 0.03 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tot Ion: 56 Resp: 23748
Ion Ratio Lower Upper
56 100
69 216.9 22.2 33.2#
84 180.1 63.0 94.4#

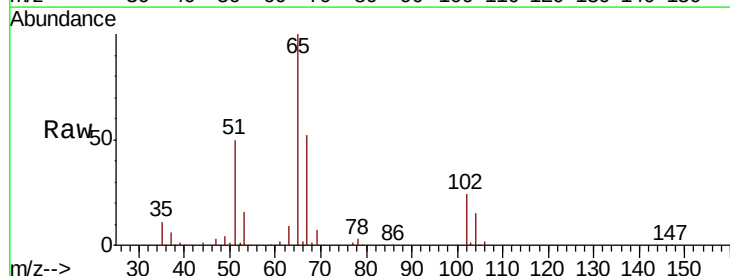


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

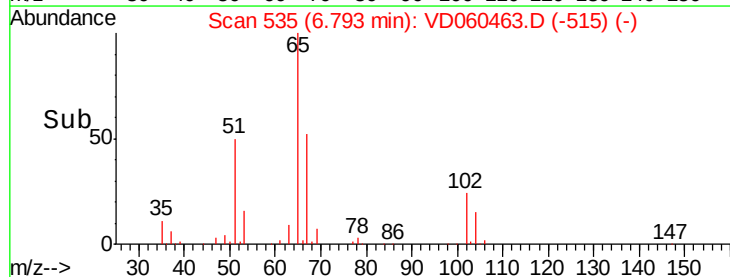
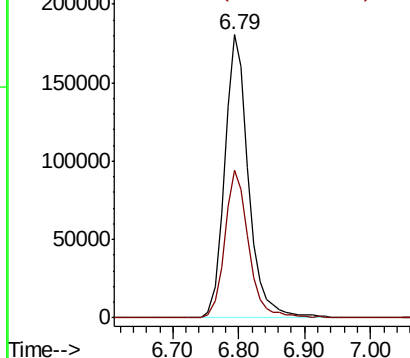


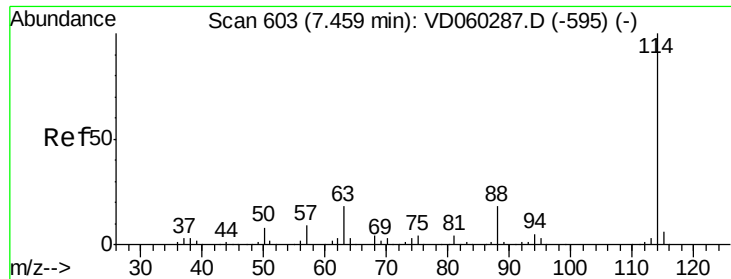
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Tgt Ion: 65 Resp: 456322
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.8



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

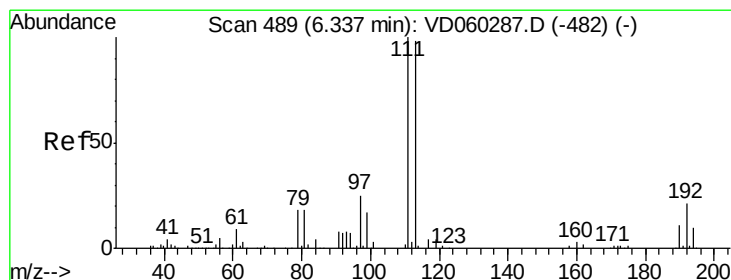
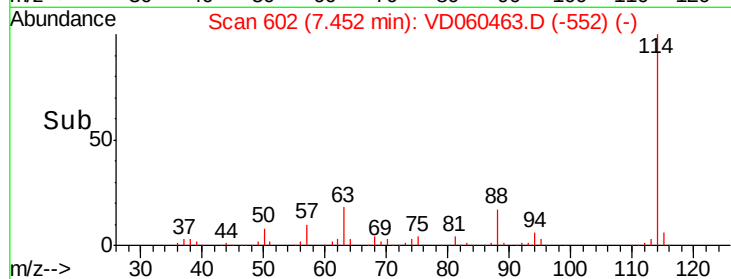
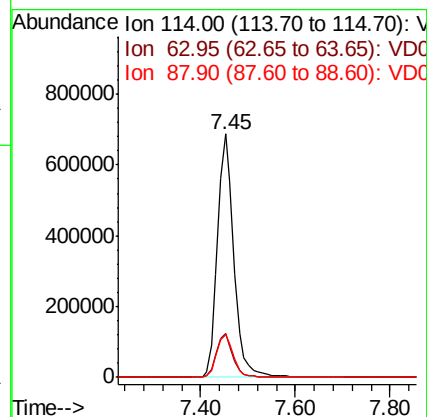
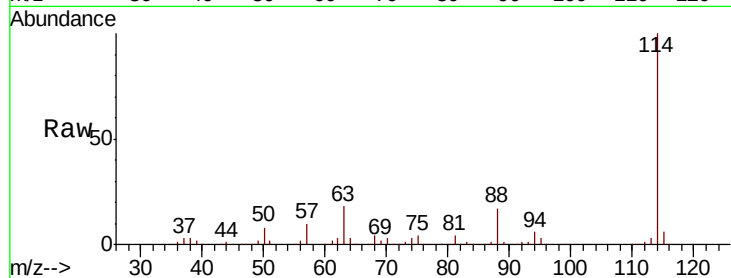




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060463.D
 Acq: 29 Nov 2018 13:05

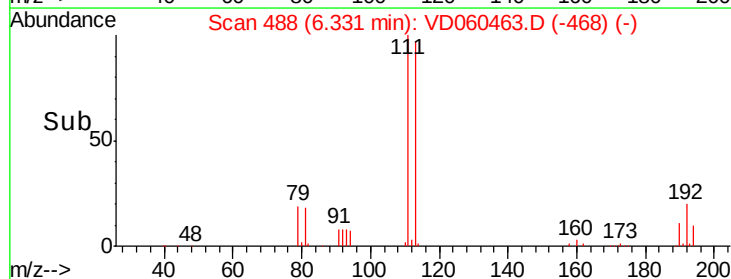
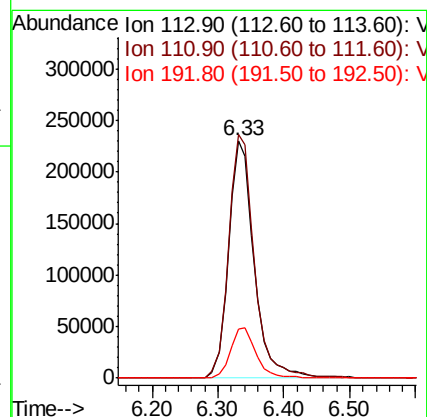
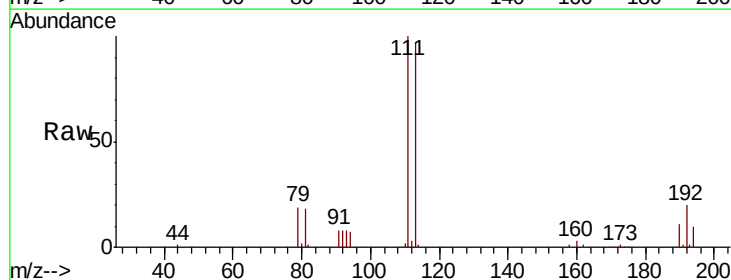
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-028-B

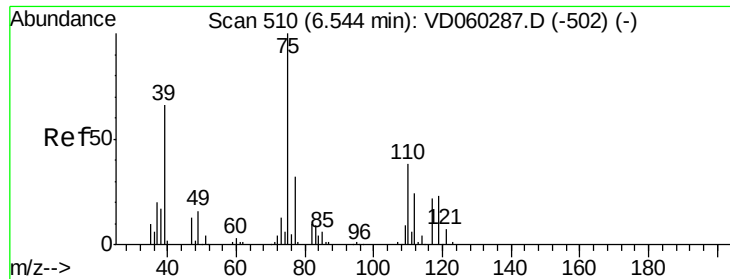
Tot Ion:114 Resp: 1649183
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.0
 88 17.4 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060463.D
 Acq: 29 Nov 2018 13:05

Tgt Ion:113 Resp: 624224
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.6 122.4
 192 20.6 16.5 24.7

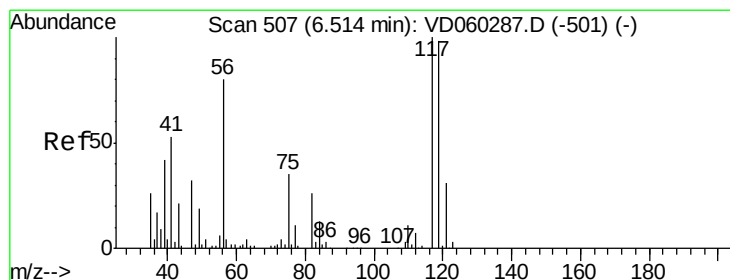
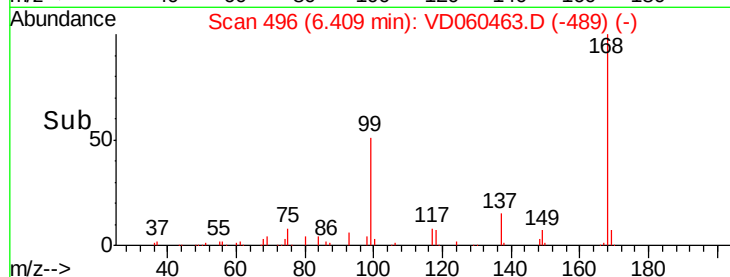
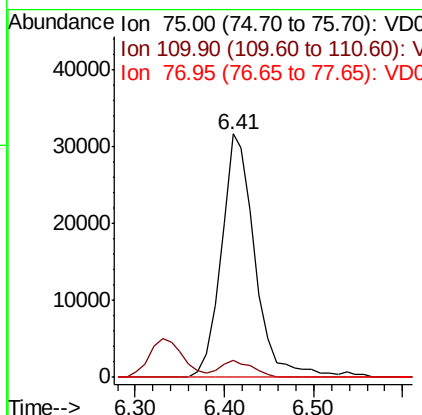
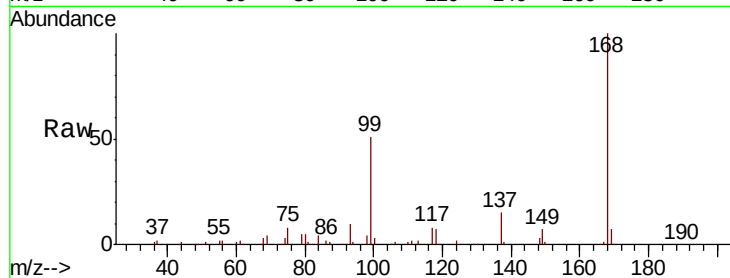




#36
 1,1-Dichloropropene
 Concen: 5.085 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.13 min
 Lab File: VD060463.D
 Acq: 29 Nov 2018 13:05

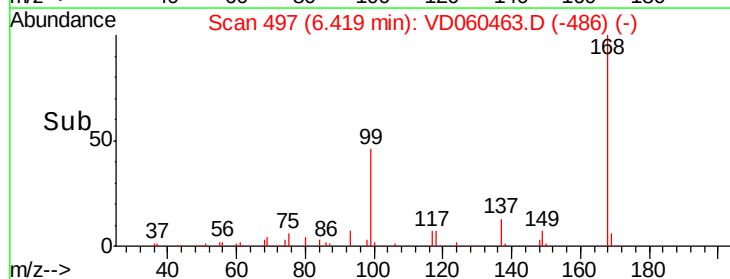
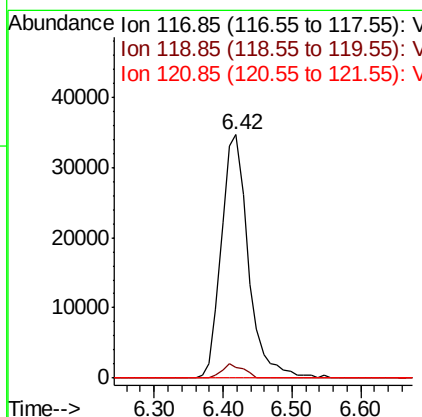
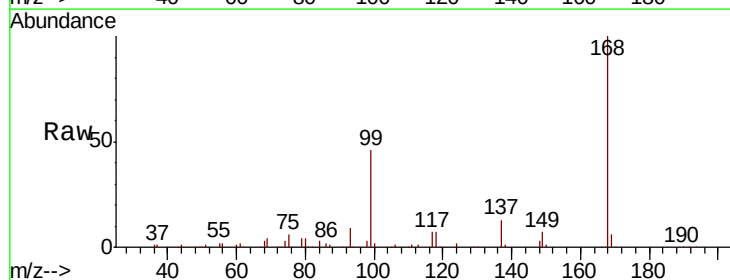
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 FK-GF-02-028-B

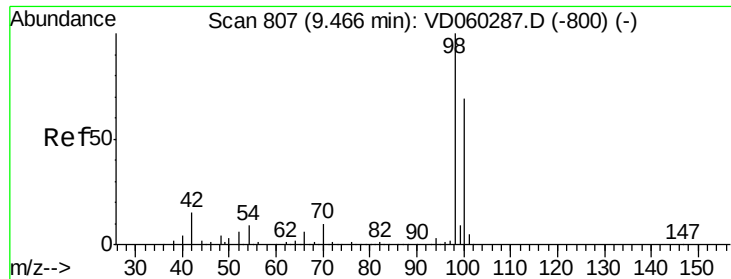
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.0	18.0	54.0#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.233 ug/l
 RT: 6.42 min Scan# 497
 Delta R.T. -0.09 min
 Lab File: VD060463.D
 Acq: 29 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.6	115.0#
121	0.0	24.3	36.5#

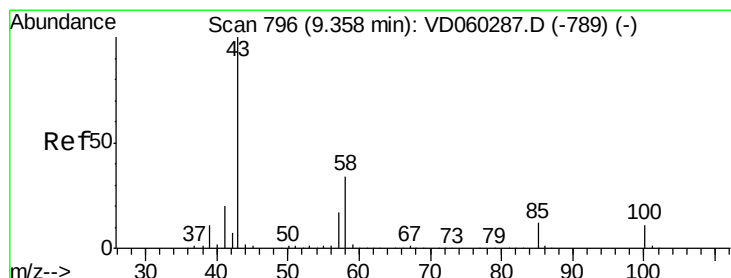
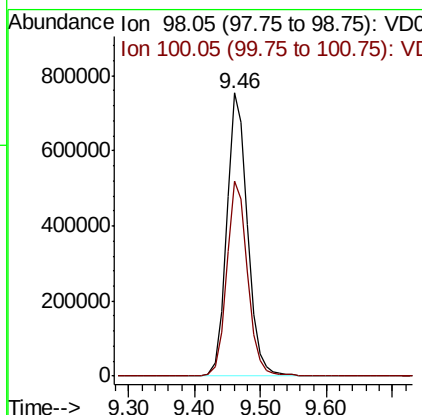
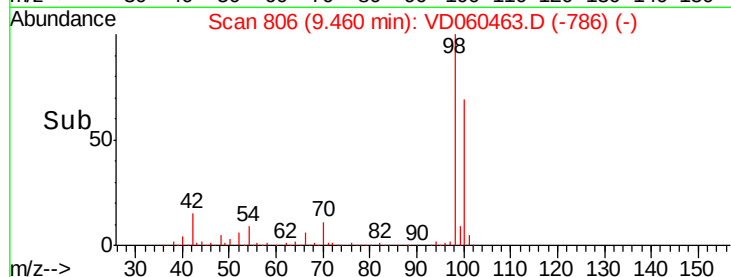
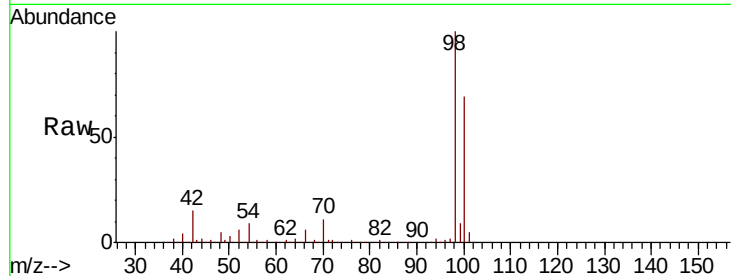




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

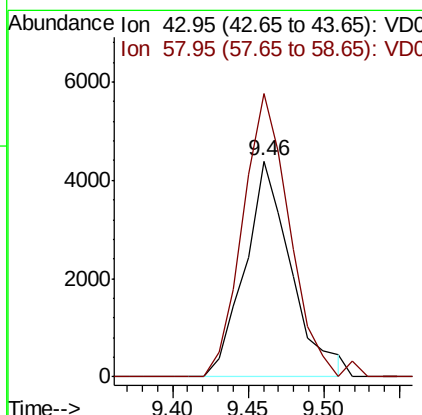
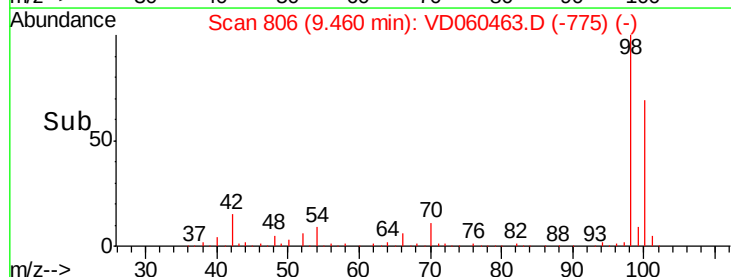
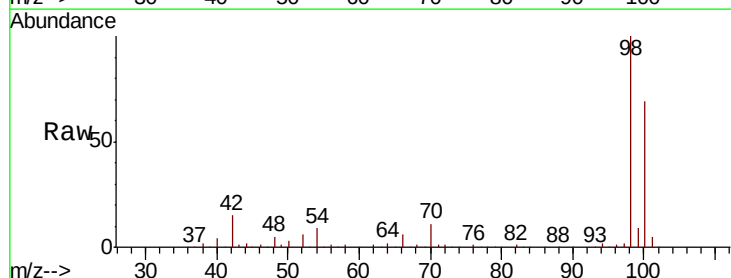
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MSVOA_D
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FK-GF-02-028-B

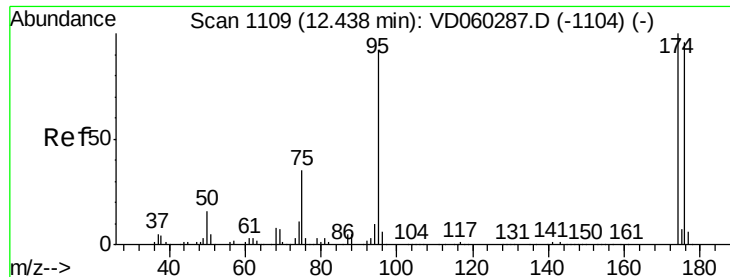
Tot Ion: 98 Resp: 1659543
Ion Ratio Lower Upper
98 100
100 69.1 55.2 82.8



#51
4-Methyl-2-Pentanone
Concen: 1.526 ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.10 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Tgt Ion: 43 Resp: 9356
Ion Ratio Lower Upper
43 100
58 131.1 26.1 39.1#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060463.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-028-B

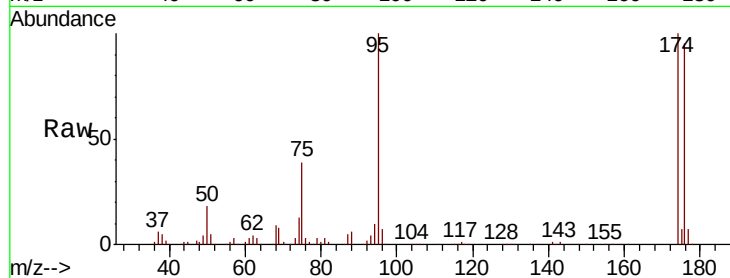
Tot Ion: 95 Resp: 510758

Ion Ratio Lower Upper

95 100

174 99.5 0.0 160.8

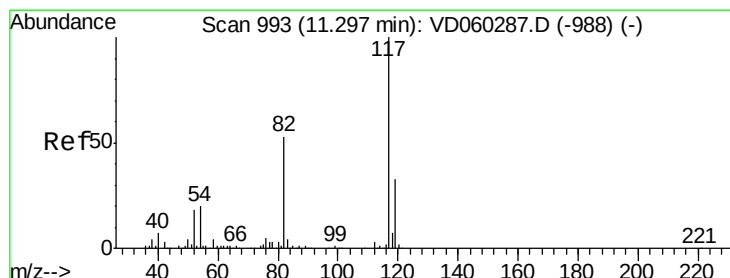
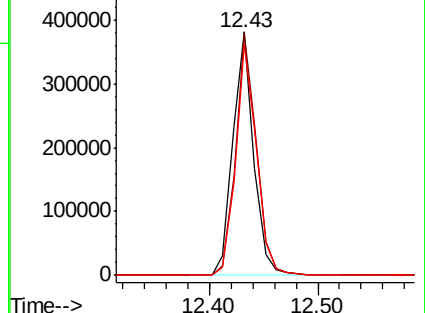
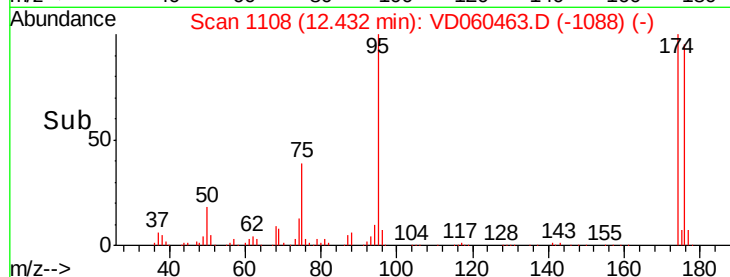
176 94.7 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): V

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# 992

Delta R.T. -0.01 min

Lab File: VD060463.D

Acq: 29 Nov 2018 13:05

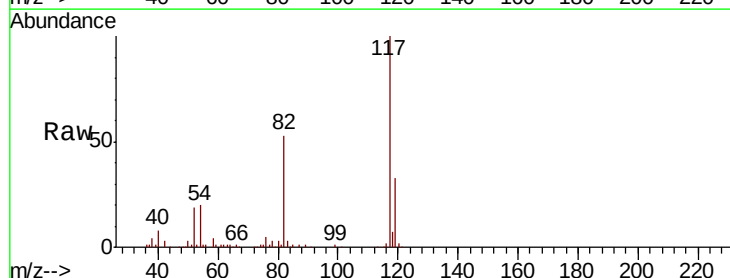
Tgt Ion: 117 Resp: 1218180

Ion Ratio Lower Upper

117 100

82 52.5 43.7 65.5

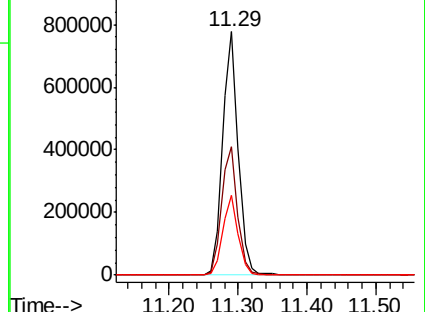
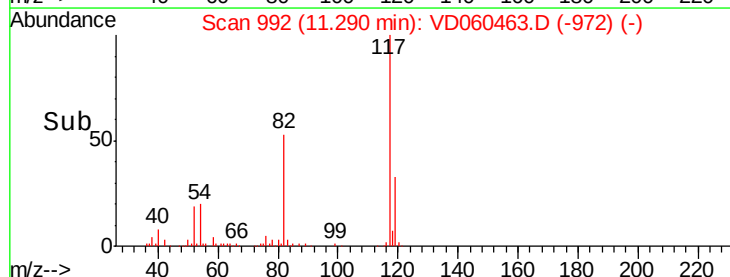
119 32.6 26.1 39.1

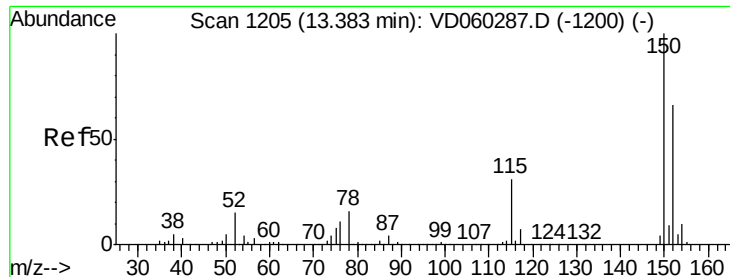


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.38 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060463.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-028-B

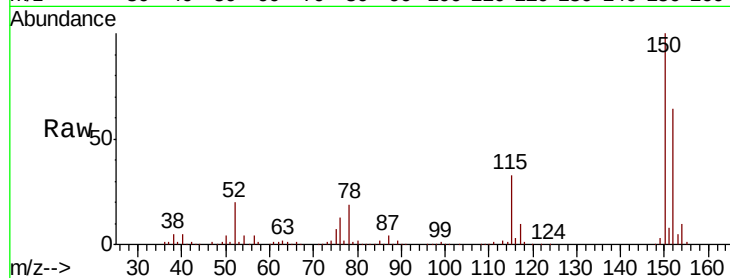
Tot Ion:152 Resp: 475187

Ion Ratio Lower Upper

152 100

115 51.4 24.1 72.3

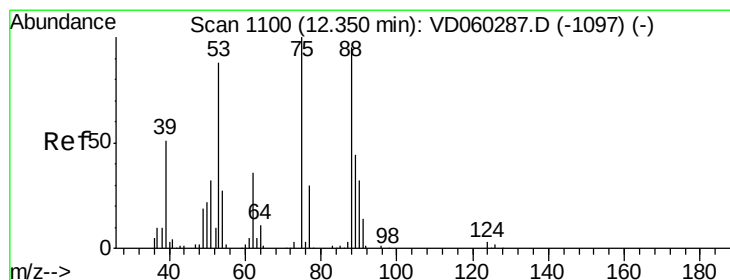
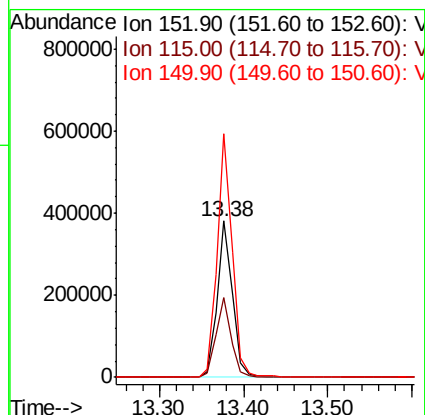
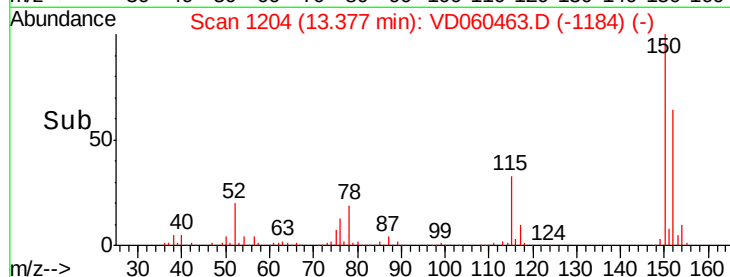
150 155.7 0.0 310.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 124.884 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060463.D

Acq: 29 Nov 2018 13:05

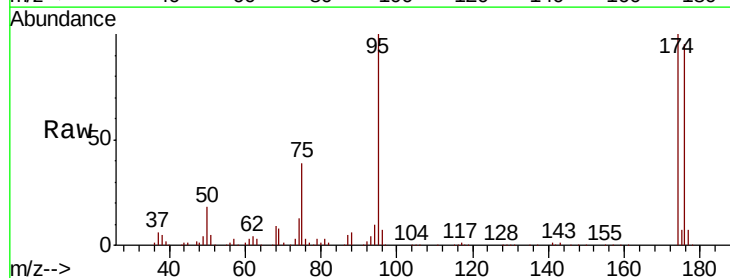
Tgt Ion: 75 Resp: 202102

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

