

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112918\
 Data File : VD060464.D
 Acq On : 29 Nov 2018 13:49
 Operator : VA/AP
 Sample : J6125-02RE
 Misc : 6.46g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 30 04:54:06 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	1400126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1990505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1502928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	631409	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	512623	51.13	ug/l	0.00
Spiked Amount						
			Recovery	=	102.26%	
35) Dibromofluoromethane	6.34	113	724792	48.83	ug/l	0.00
Spiked Amount						
			Recovery	=	97.66%	
50) Toluene-d8	9.47	98	2026083	46.64	ug/l	0.00
Spiked Amount						
			Recovery	=	93.28%	
62) 4-Bromofluorobenzene	12.43	95	655372	41.63	ug/l	-0.01
Spiked Amount						
			Recovery	=	83.26%	

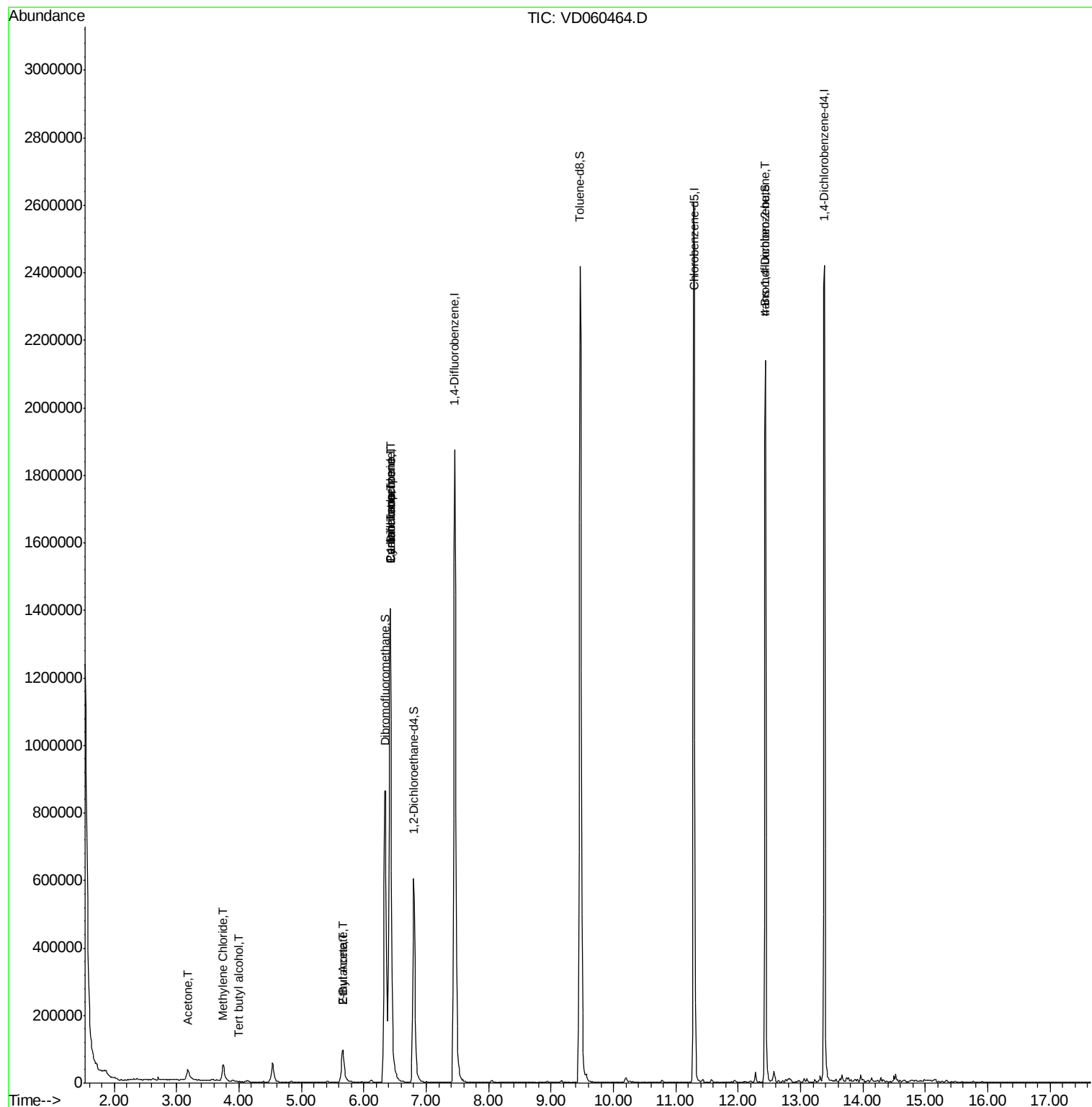
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	864	Below Cal	#	41
11) Tert butyl alcohol	3.99	59	1498	3.639	ug/l #	70
16) Acetone	3.18	43	67221	38.656	ug/l	98
20) Methylene Chloride	3.75	84	30704	1.990	ug/l	89
25) 2-Butanone	5.66	43	12411	3.434	ug/l #	83
31) Cyclohexane	6.42	56	27578	1.152	ug/l #	1
36) 1,1-Dichloropropene	6.42	75	97144	4.940	ug/l #	47
37) Ethyl Acetate	5.66	43	12411	1.372	ug/l #	68
38) Carbon Tetrachloride	6.42	117	106385	5.832	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.43	75	260612	121.195	ug/l #	15
89) n-Butylbenzene	13.66	91	3498	Below Cal		78

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

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Quant Time: Nov 30 04:54:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
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# 498

Delta R.T. -0.00 min

Lab File: VD060464.D

Acq: 29 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

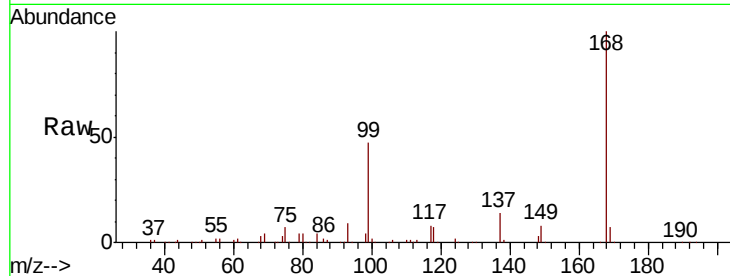
FK-GF-02-028-A

Tot Ion:168 Resp: 1400126

Ion Ratio Lower Upper

168 100

99 47.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

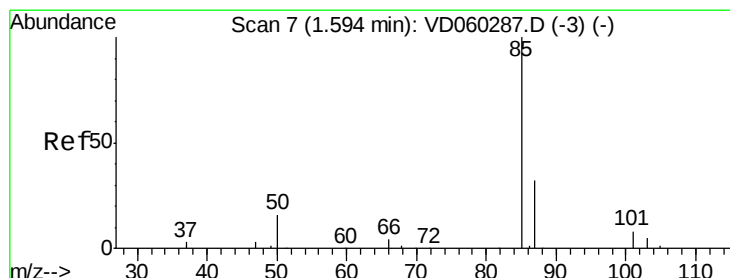
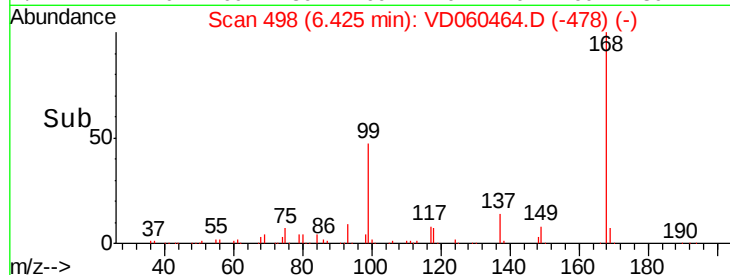
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.01 min

Lab File: VD060464.D

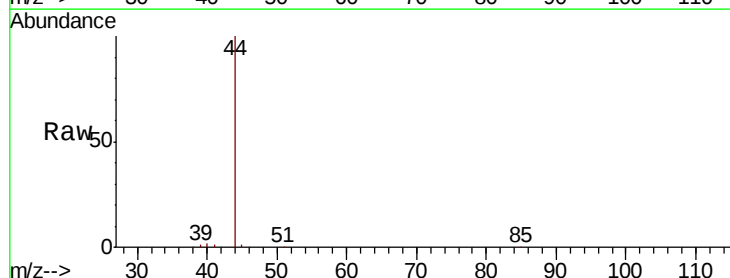
Acq: 29 Nov 2018 13:49

Tgt Ion: 85 Resp: 864

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

1.60

800

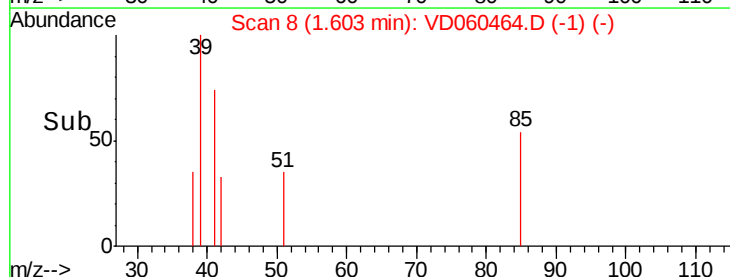
600

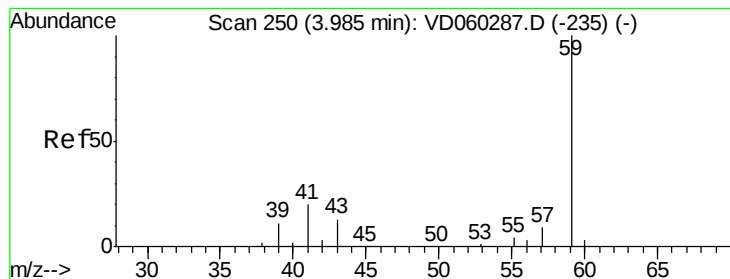
400

200

0

Time-->



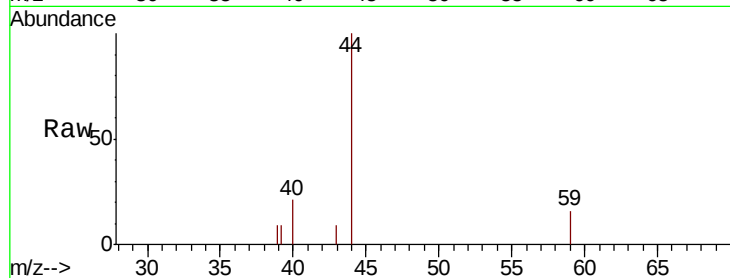


#11

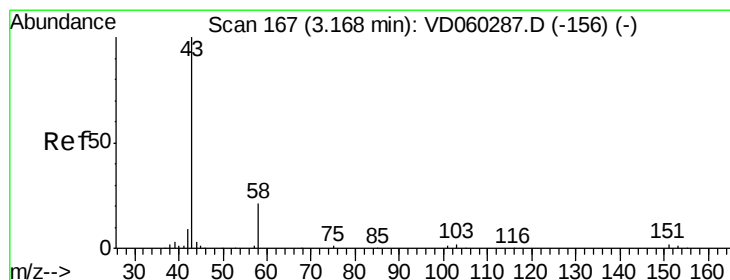
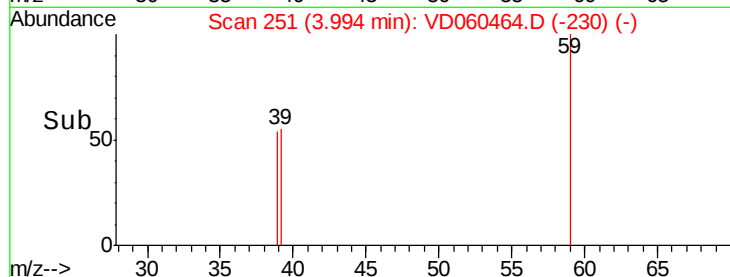
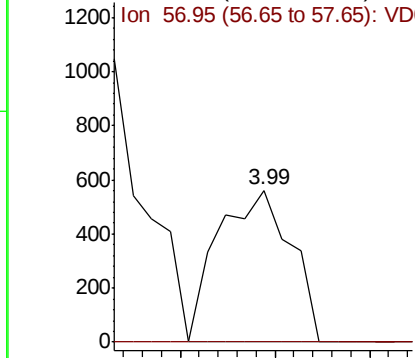
Tert butyl alcohol
 Concen: 3.639 ug/l
 RT: 3.99 min Scan# 251
 Delta R.T. 0.01 min
 Lab File: VD060464.D
 Acq: 29 Nov 2018 13:49

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

Tot Ion: 59 Resp: 1498
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#



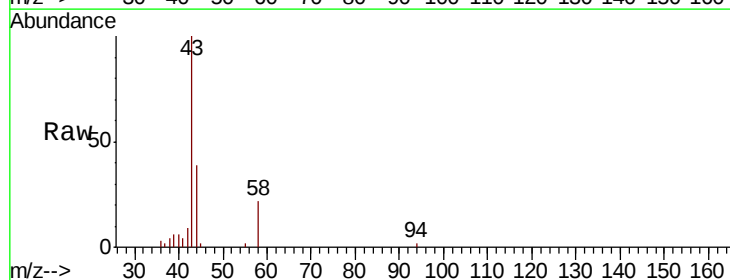
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



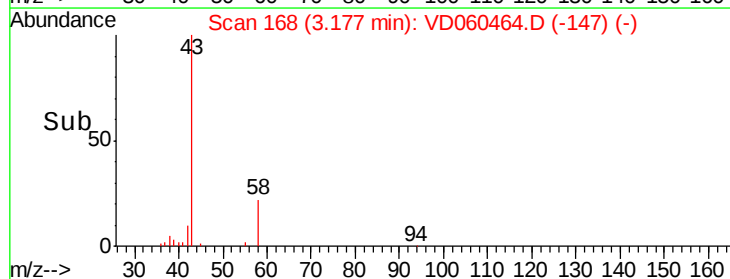
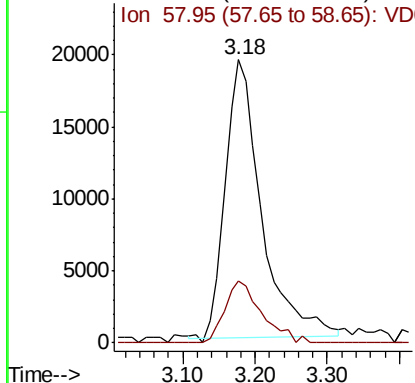
#16

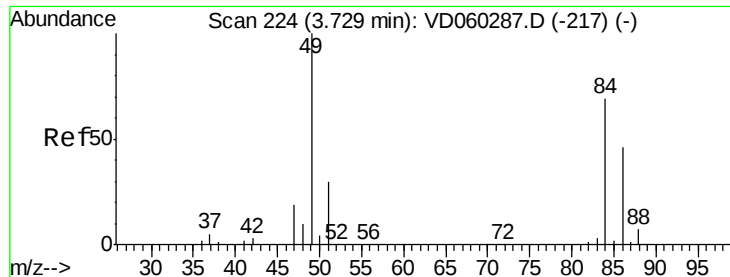
Acetone
 Concen: 38.656 ug/l
 RT: 3.18 min Scan# 168
 Delta R.T. 0.01 min
 Lab File: VD060464.D
 Acq: 29 Nov 2018 13:49

Tgt Ion: 43 Resp: 67221
 Ion Ratio Lower Upper
 43 100
 58 21.9 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

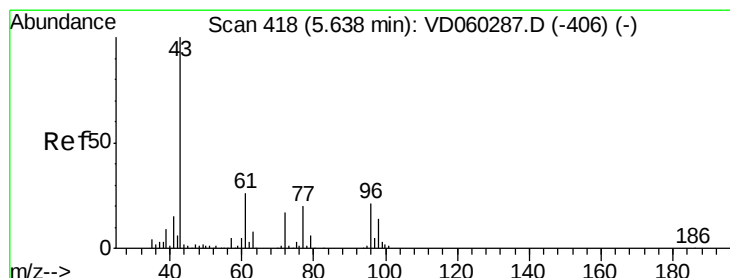
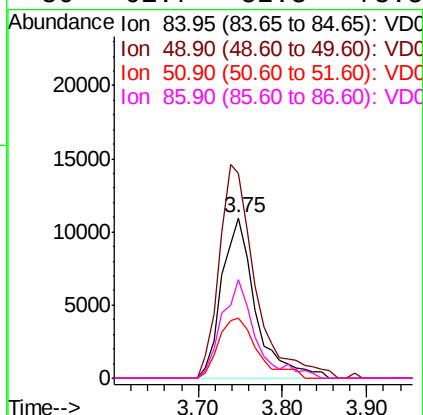
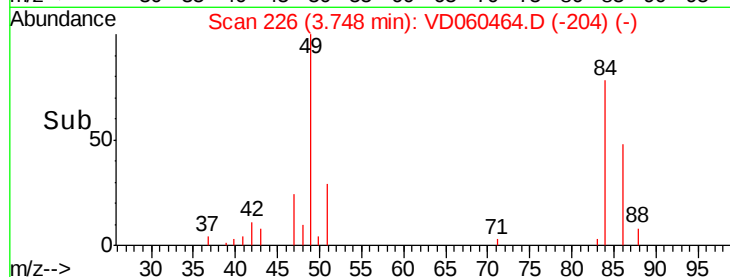
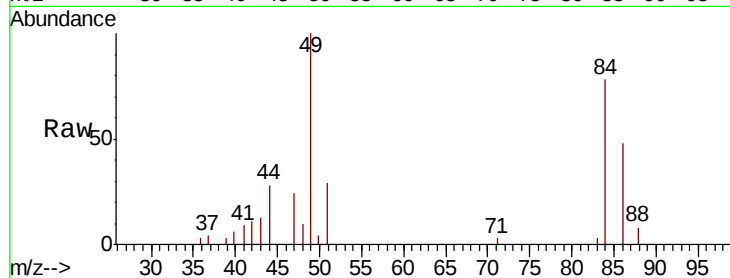




#20
Methvlene Chloride
Concen: 1.990 ug/l
RT: 3.75 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

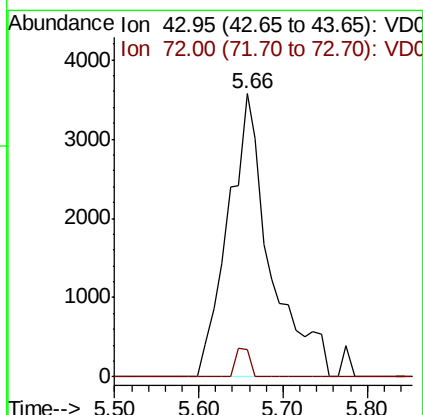
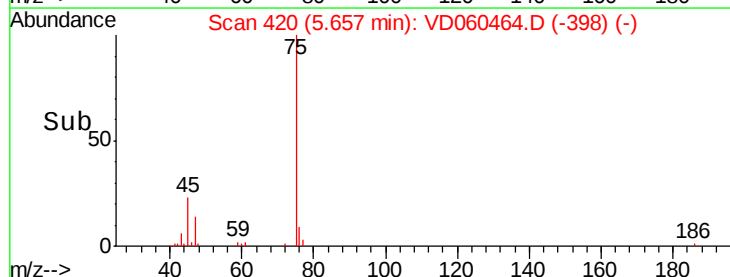
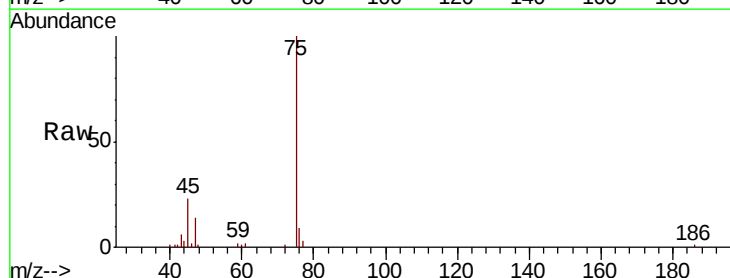
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-A

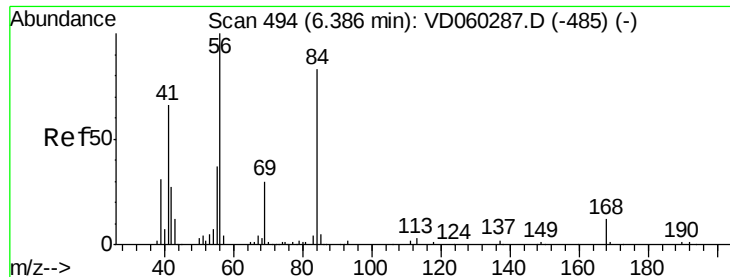
Tot Ion: 84 Resp: 30704
Ion Ratio Lower Upper
84 100
49 127.5 115.6 173.4
51 37.5 35.6 53.4
86 61.7 52.3 78.5



#25
2-Butanone
Concen: 3.434 ug/l
RT: 5.66 min Scan# 420
Delta R.T. 0.02 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

Tgt Ion: 43 Resp: 12411
Ion Ratio Lower Upper
43 100
72 9.7 13.8 20.8#

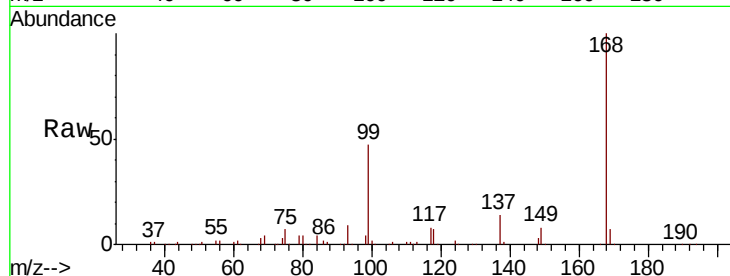




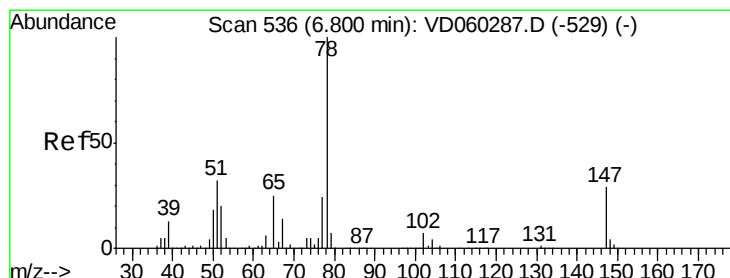
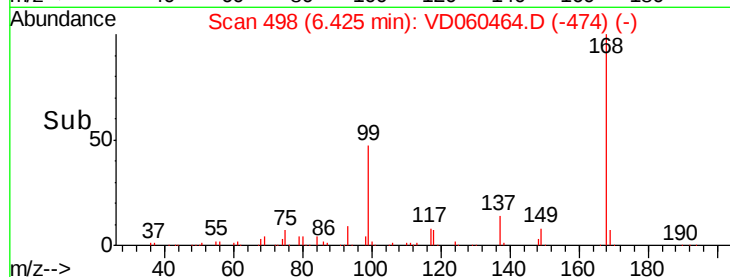
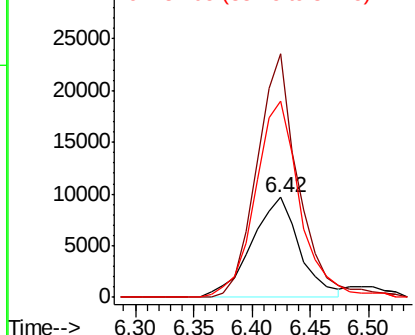
#31
Cyclohexane
Concen: 1.152 ug/l
RT: 6.42 min Scan# 498
Delta R.T. 0.04 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

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

Tot Ion: 56 Resp: 27578
Ion Ratio Lower Upper
56 100
69 243.0 22.2 33.2#
84 196.1 63.0 94.4#

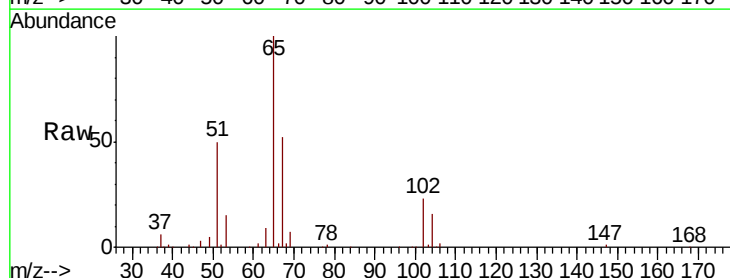


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

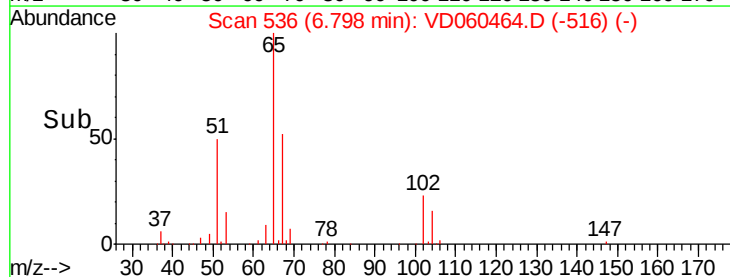
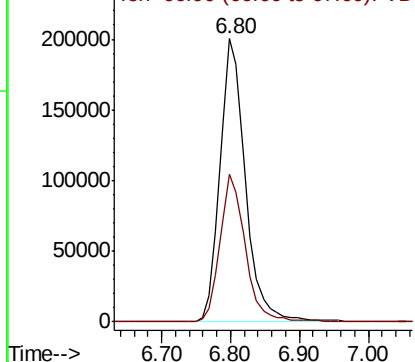


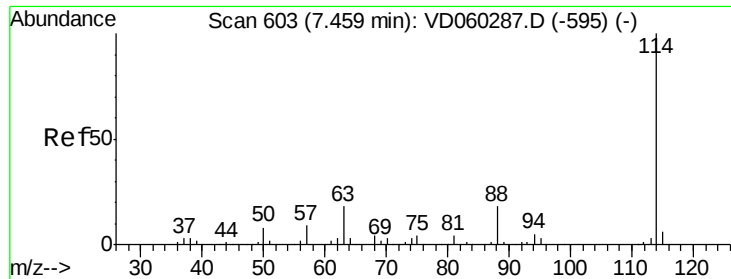
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

Tgt Ion: 65 Resp: 512623
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

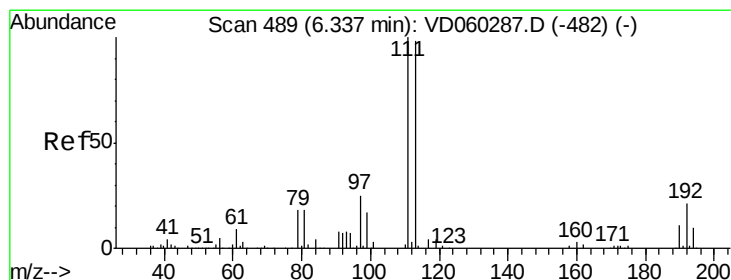
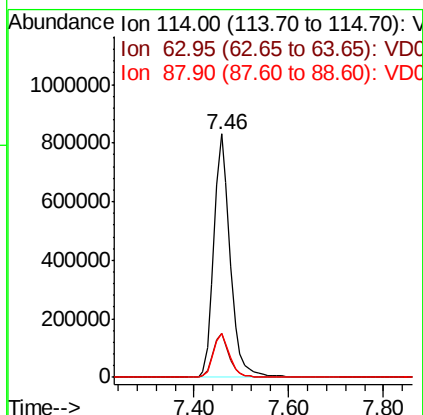
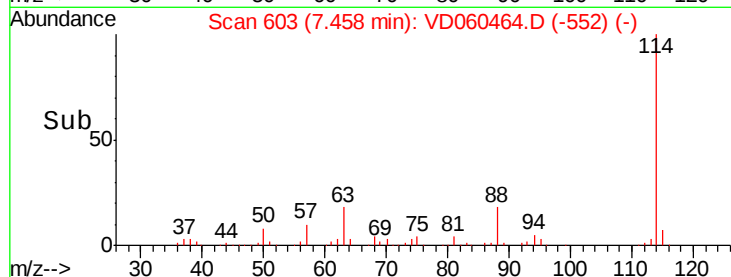
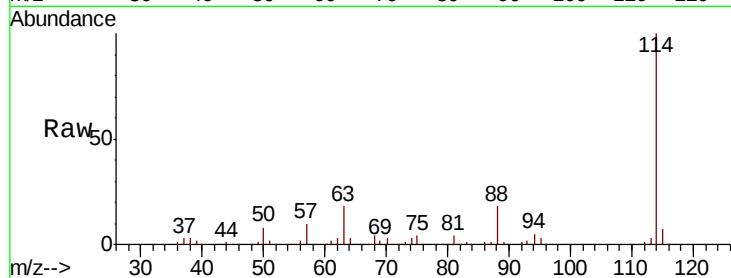




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.46 min Scan# 603
Delta R.T. -0.00 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

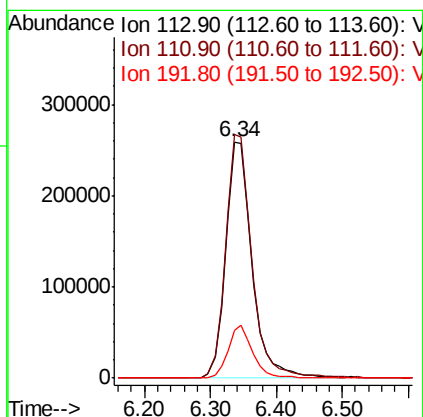
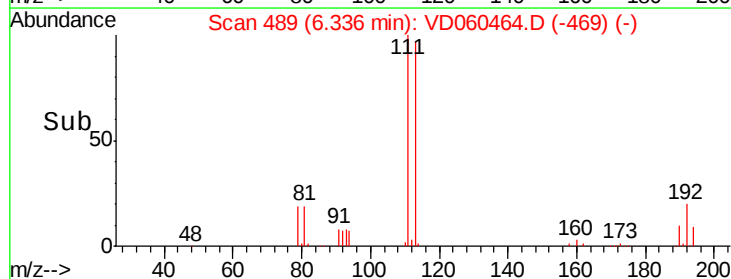
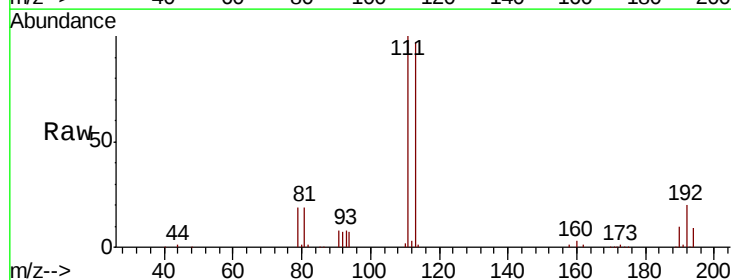
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-A

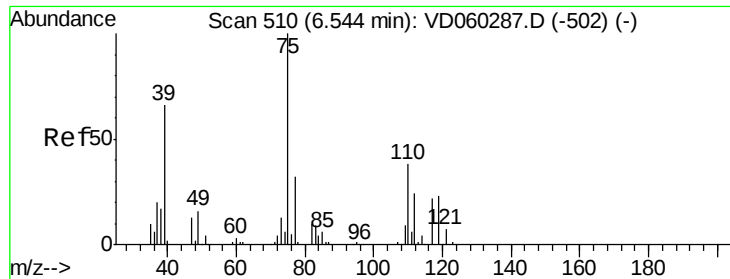
Tot Ion:114 Resp: 1990505
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.0
88 18.2 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 489
Delta R.T. -0.00 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

Tgt Ion:113 Resp: 724792
Ion Ratio Lower Upper
113 100
111 103.0 81.6 122.4
192 20.1 16.5 24.7





#36

1,1-Dichloropropene

Concen: 4.940 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.12 min

Lab File: VD060464.D

Acq: 29 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-028-A

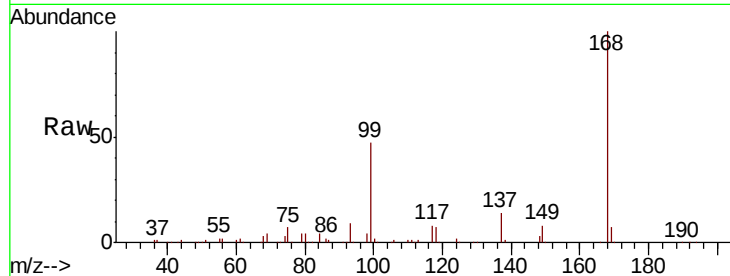
Tot Ion: 75 Resp: 97144

Ion Ratio Lower Upper

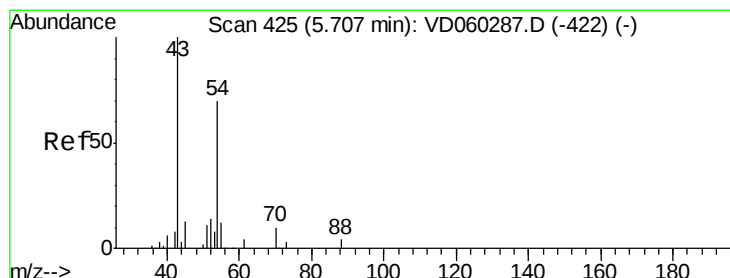
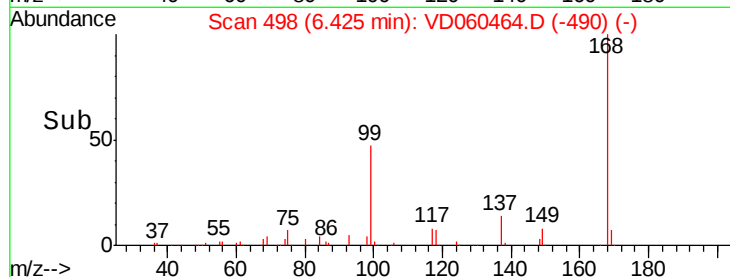
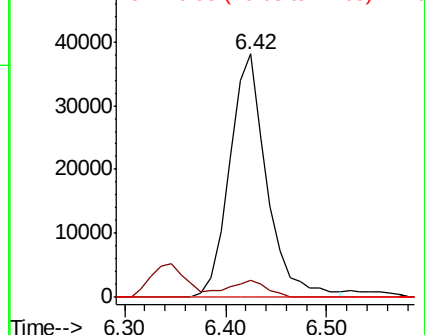
75 100

110 7.2 18.0 54.0#

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): VDC
Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 1.372 ug/l

RT: 5.66 min Scan# 420

Delta R.T. -0.05 min

Lab File: VD060464.D

Acq: 29 Nov 2018 13:49

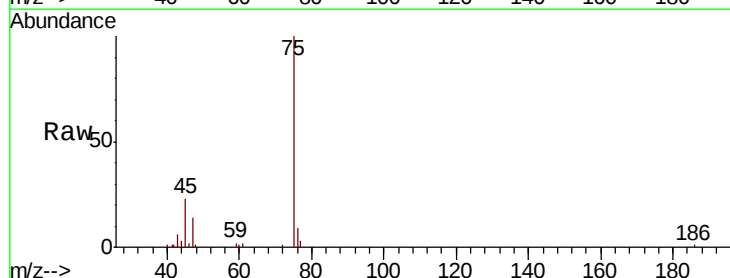
Tgt Ion: 43 Resp: 12411

Ion Ratio Lower Upper

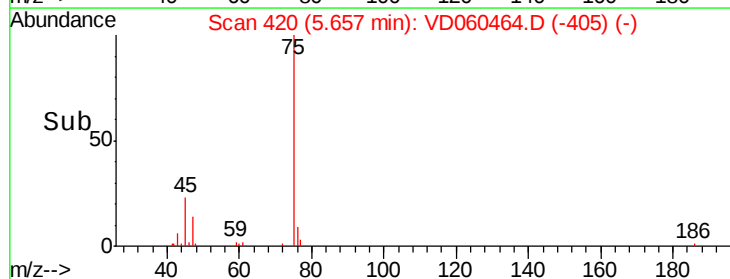
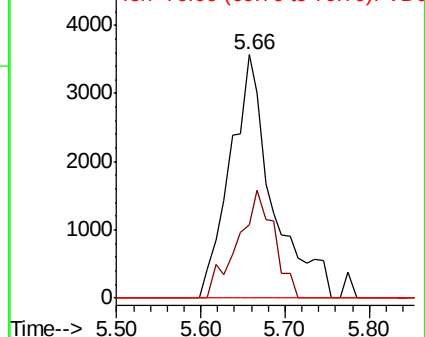
43 100

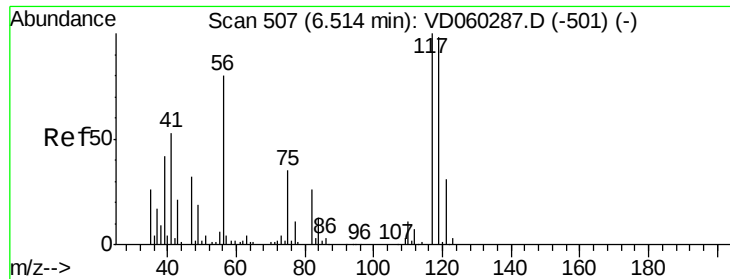
61 30.4 11.8 17.6#

70 0.0 6.2 9.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 5.832 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.09 min

Lab File: VD060464.D

Acq: 29 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-028-A

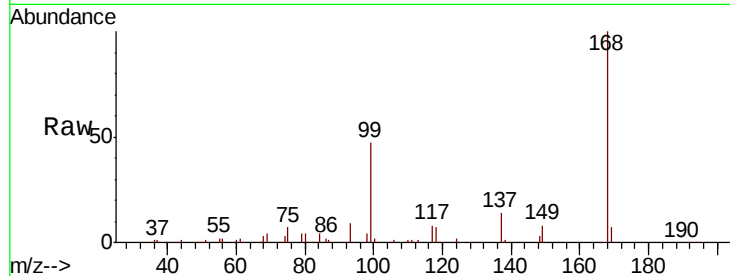
Tot Ion:117 Resp: 106385

Ion Ratio Lower Upper

117 100

119 4.5 76.6 115.0#

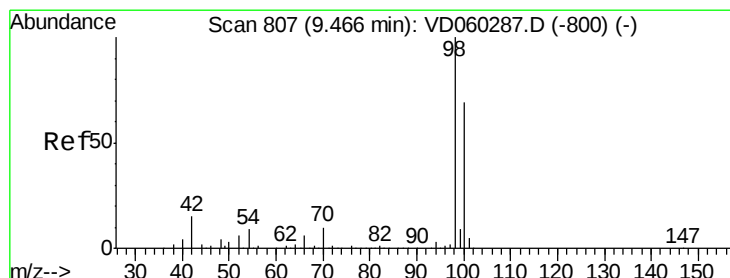
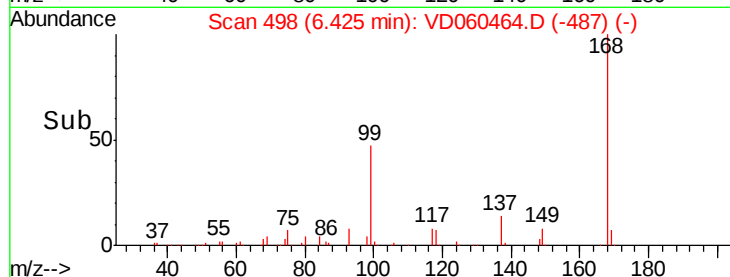
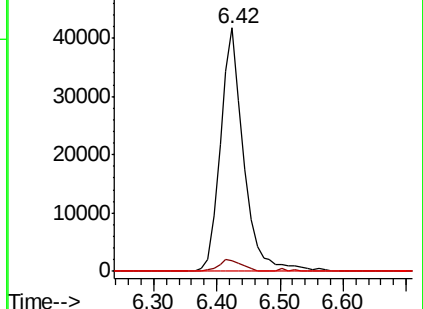
121 0.0 24.3 36.5#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.47 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060464.D

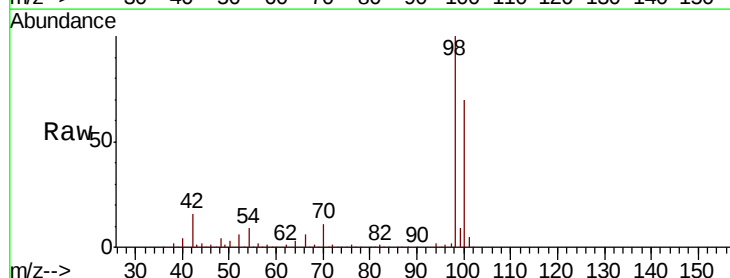
Acq: 29 Nov 2018 13:49

Tgt Ion: 98 Resp: 2026083

Ion Ratio Lower Upper

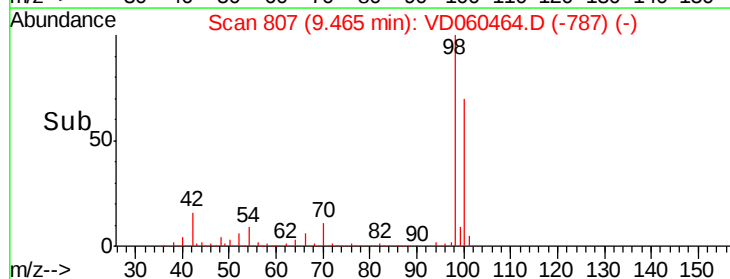
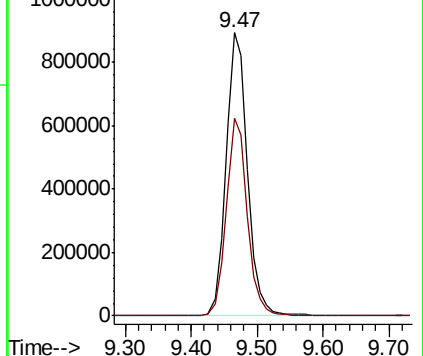
98 100

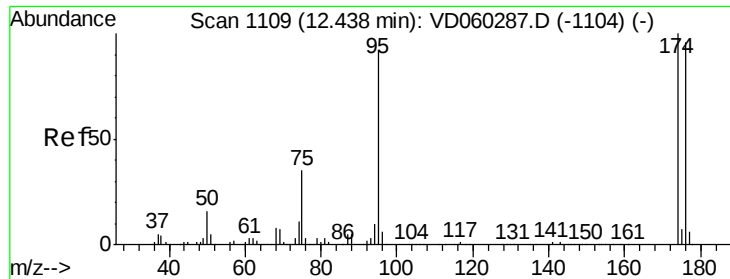
100 69.6 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

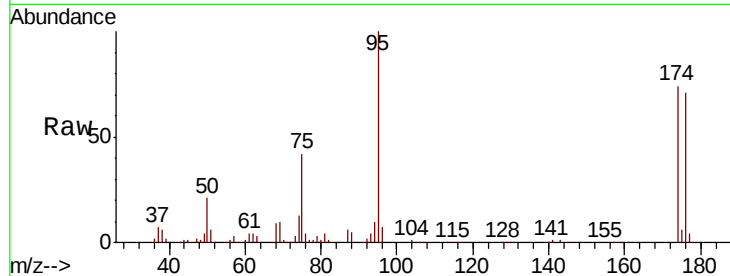




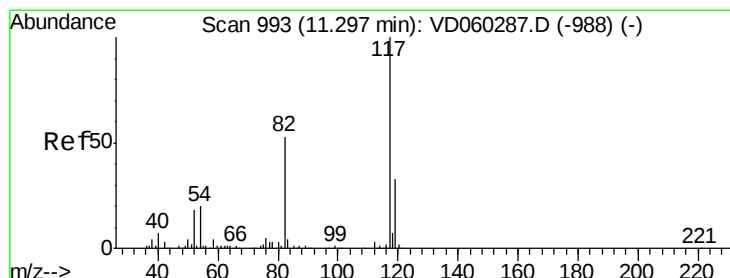
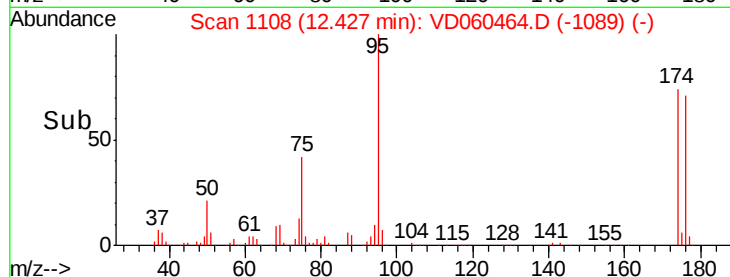
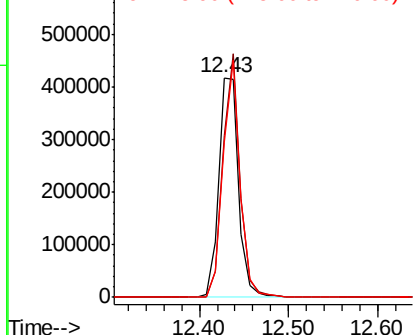
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

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

Tot Ion: 95 Resp: 655372
Ion Ratio Lower Upper
95 100
174 73.7 0.0 160.8
176 70.7 0.0 154.6

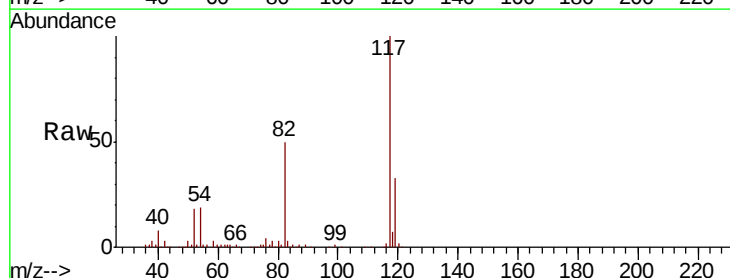


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

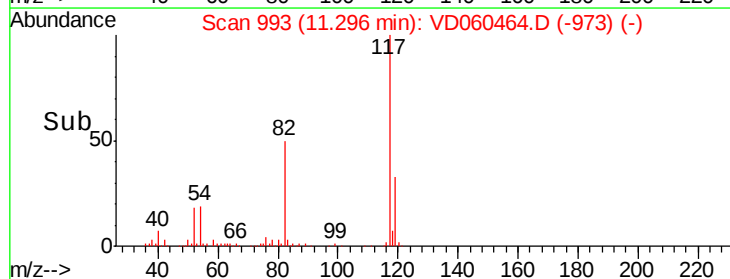
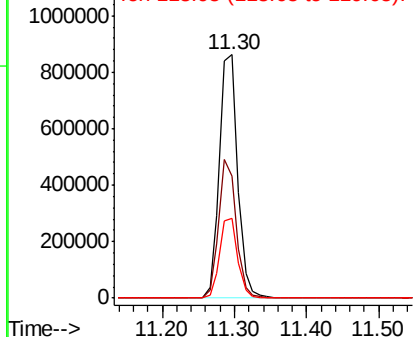


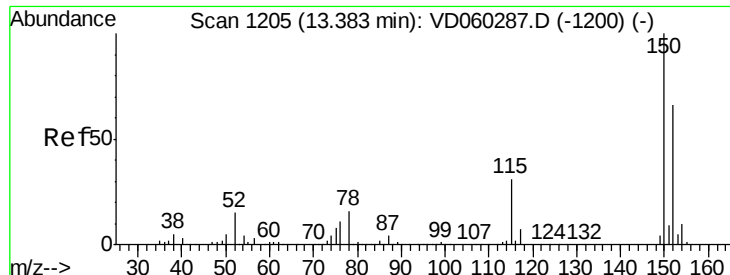
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

Tgt Ion: 117 Resp: 1502928
Ion Ratio Lower Upper
117 100
82 50.2 43.7 65.5
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: 13.38 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VD060464.D

Acq: 29 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-028-A

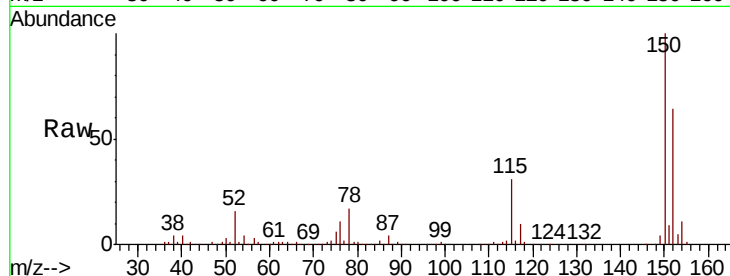
Tot Ion:152 Resp: 631409

Ion Ratio Lower Upper

152 100

115 48.6 24.1 72.3

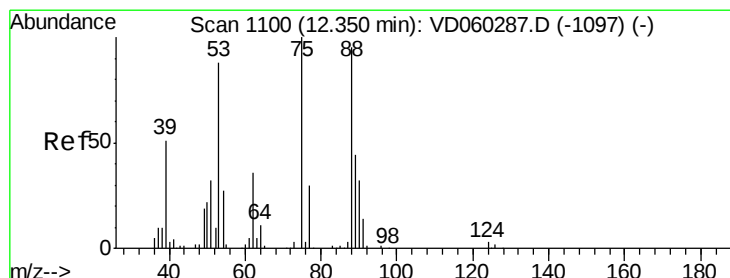
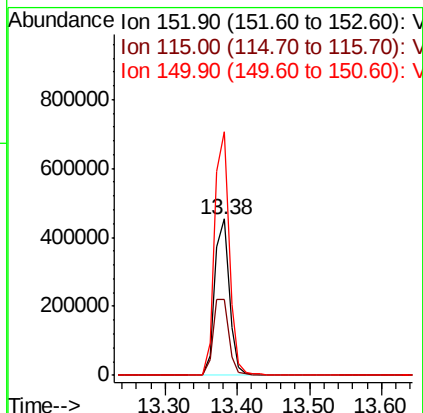
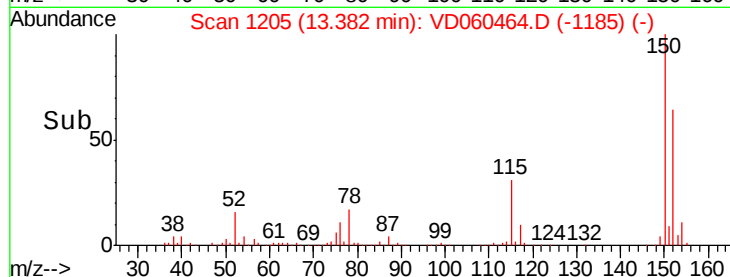
150 155.9 0.0 310.6



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: 121.195 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060464.D

Acq: 29 Nov 2018 13:49

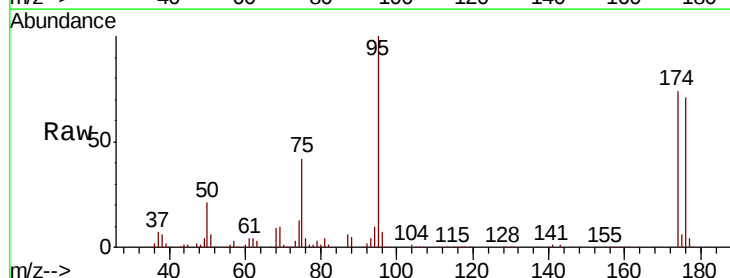
Tgt Ion: 75 Resp: 260612

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

