

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121318\
 Data File : VD060557.D
 Acq On : 13 Dec 2018 13:24
 Operator : VA/AP
 Sample : J6374-04
 Misc : 4.76g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-029-B

Quant Time: Dec 14 01:04:51 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	6.40	168	1526592	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2174464	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1557841	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	548900	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	426810	39.44	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	78.88%	
35) Dibromofluoromethane	6.31	113	576452	36.09	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	72.18%	
50) Toluene-d8	9.44	98	1501524	32.49	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	64.98%	
62) 4-Bromofluorobenzene	12.41	95	487237	29.46	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	58.92%	

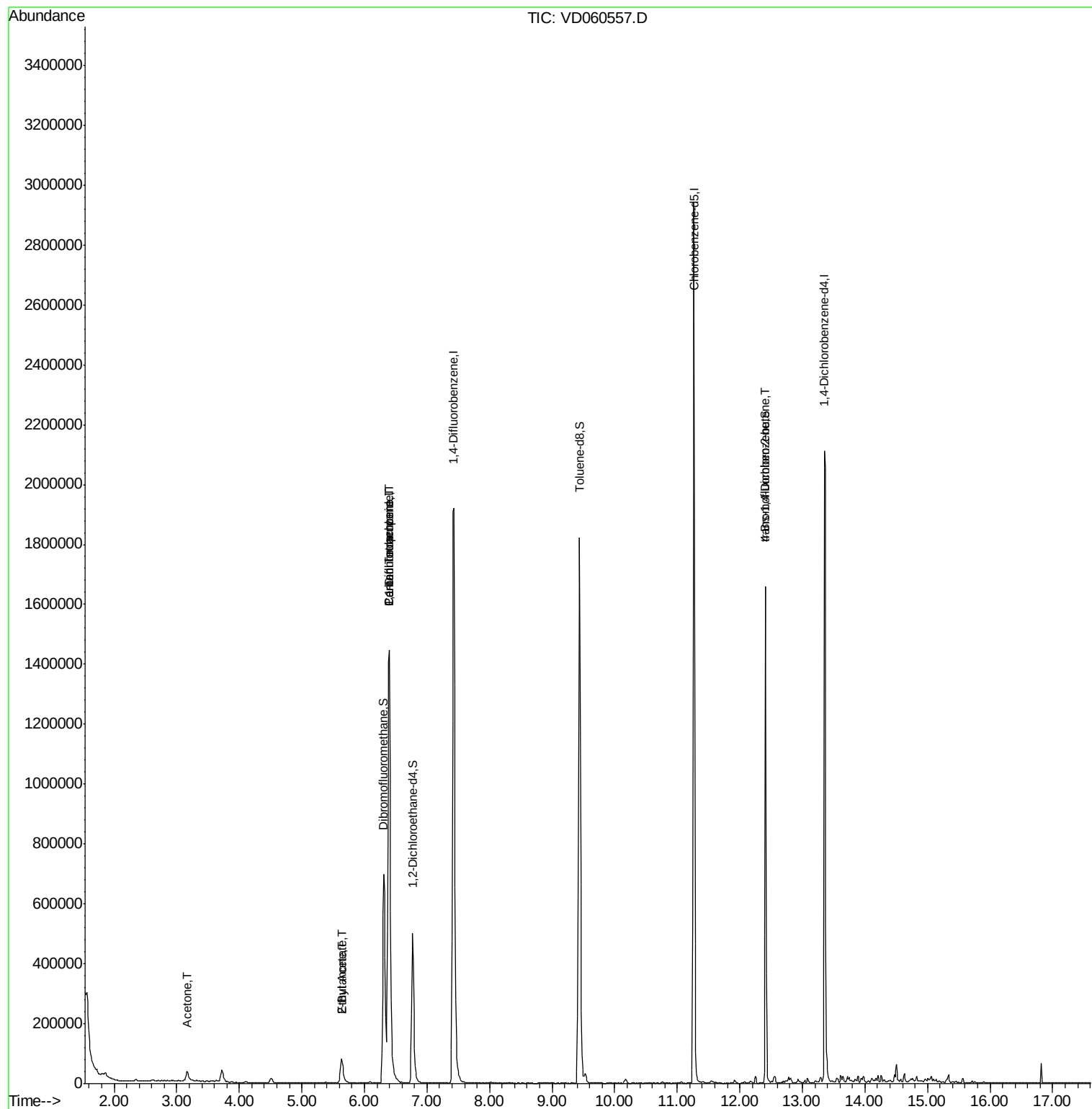
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	469	Below Cal	#	41
16) Acetone	3.17	43	77002	44.396	ug/l	96
20) Methylene Chloride	3.72	84	24283	Below Cal		94
25) 2-Butanone	5.63	43	10063	2.949	ug/l	95
31) Cyclohexane	6.39	56	30115	Below Cal	#	1
36) 1,1-Dichloropropene	6.39	75	111560	5.249	ug/l	# 46
37) Ethyl Acetate	5.63	43	10063	1.092	ug/l	# 54
38) Carbon Tetrachloride	6.40	117	117272	6.146	ug/l	# 16
81) trans-1,4-Dichloro-2-buten	12.41	75	194235	111.976	ug/l	# 14
89) n-Butylbenzene	13.63	91	4393	Below Cal	#	82

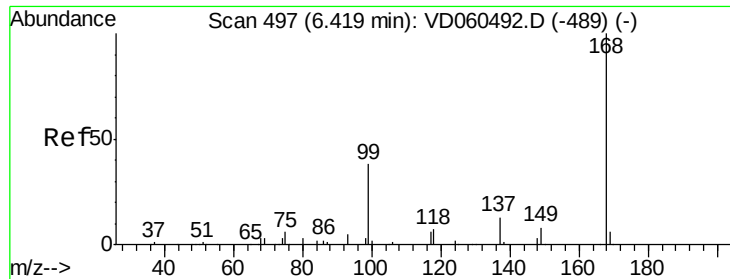
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
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: 6.40 min Scan# 495

Delta R.T. -0.02 min

Lab File: VD060557.D

Acq: 13 Dec 2018 13:24

Instrument :

MSVOA_D

ClientSampleId :

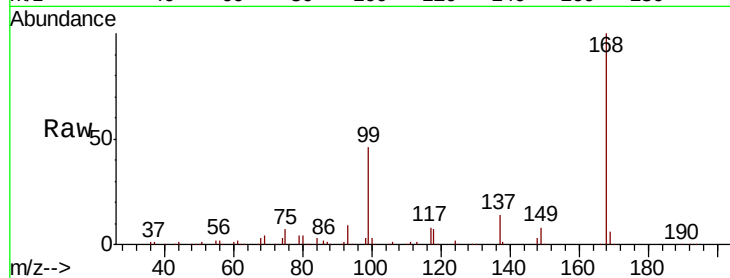
FK-GF-02-029-B

Tgt Ion:168 Resp: 1526592

Ion Ratio Lower Upper

168 100

99 46.3 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

300000

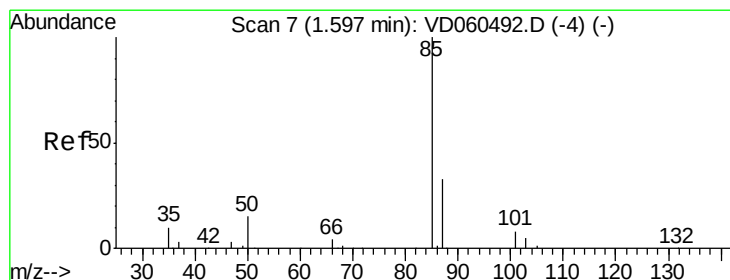
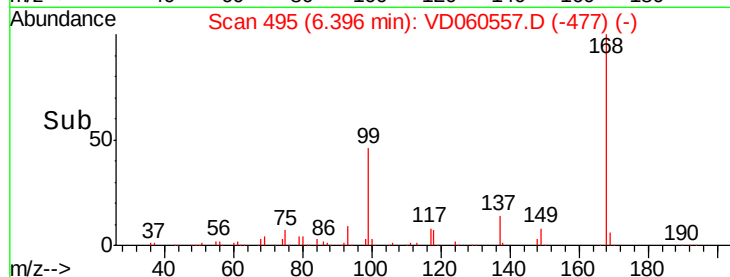
200000

100000

0

Time-->

6.20 6.30 6.40 6.50 6.60



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.01 min

Lab File: VD060557.D

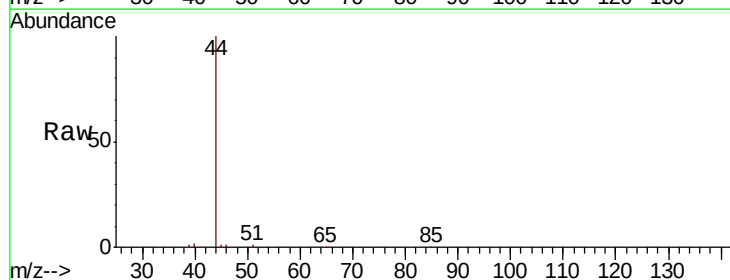
Acq: 13 Dec 2018 13:24

Tgt Ion: 85 Resp: 469

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

500

400

300

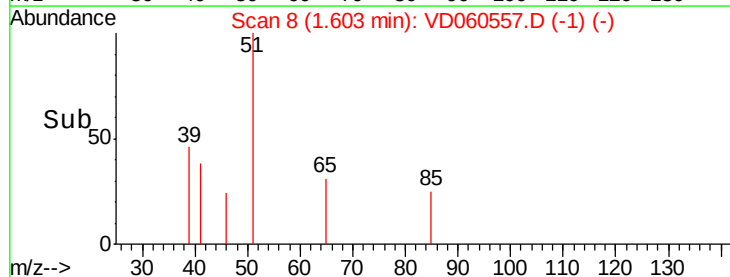
200

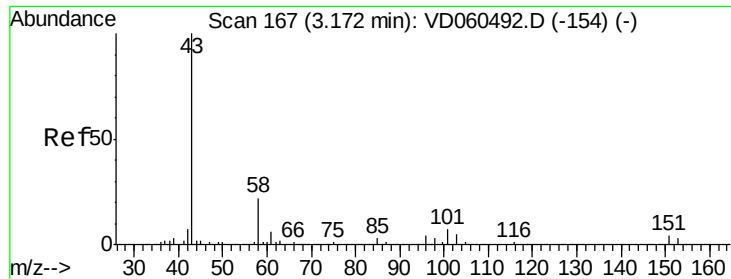
100

0

Time-->

1.56 1.58 1.60 1.62 1.64

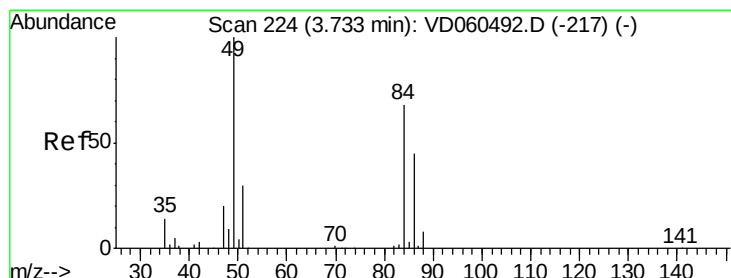
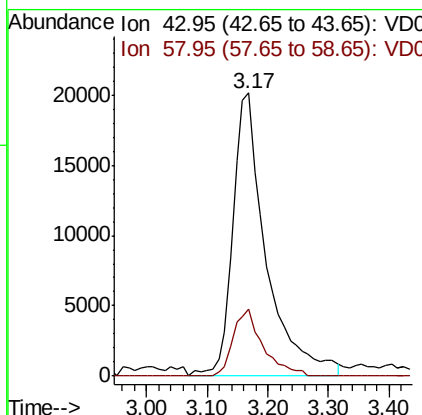
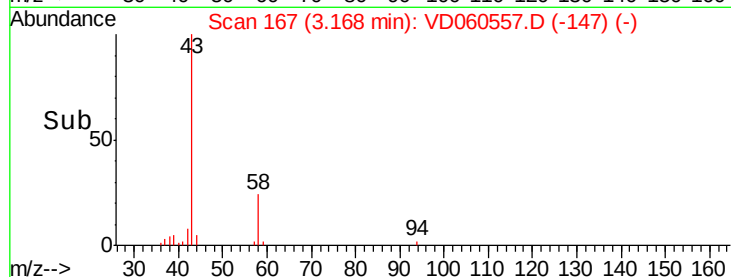
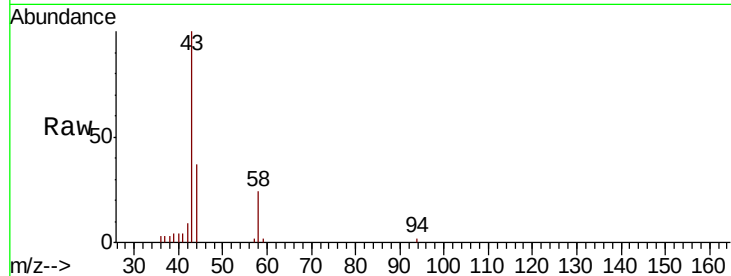




#16
Acetone
Concen: 44.396 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060557.D
Acq: 13 Dec 2018 13:24

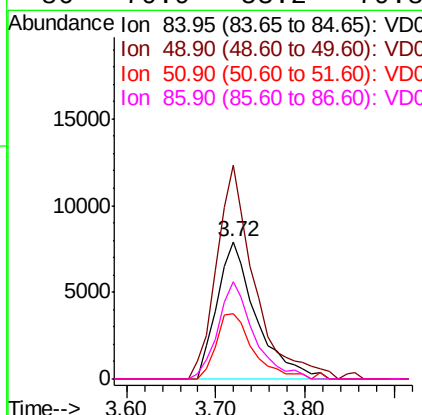
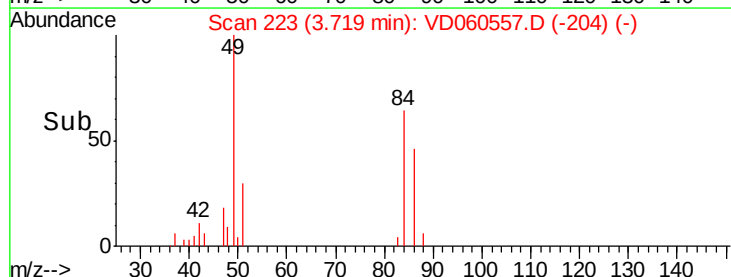
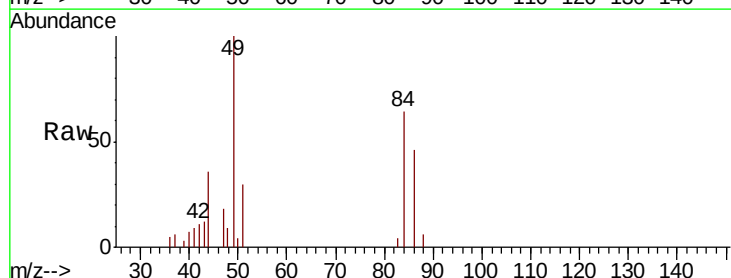
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-029-B

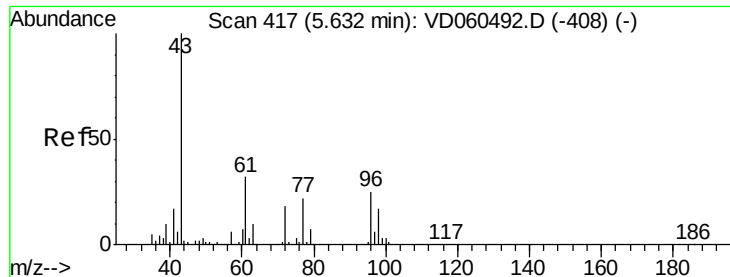
Tgt Ion: 43 Resp: 77002
Ion Ratio Lower Upper
43 100
58 23.5 17.3 25.9



#20
Methylene Chloride
Concen: Below Cal
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060557.D
Acq: 13 Dec 2018 13:24

Tgt Ion: 84 Resp: 24283
Ion Ratio Lower Upper
84 100
49 155.5 117.2 175.8
51 47.2 35.3 52.9
86 70.9 53.2 79.8





#25

2-Butanone

Concen: 2.949 ug/l

RT: 5.63 min Scan# 417

Delta R.T. -0.00 min

Lab File: VD060557.D

Acq: 13 Dec 2018 13:24

Instrument :

MSVOA_D

ClientSampleId :

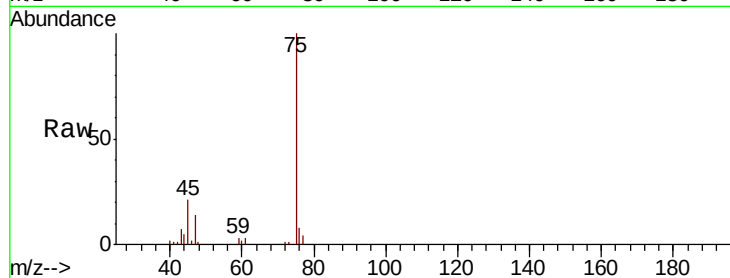
FK-GF-02-029-B

Tgt Ion: 43 Resp: 10063

Ion Ratio Lower Upper

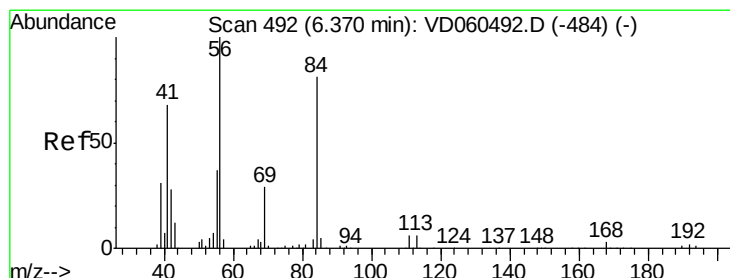
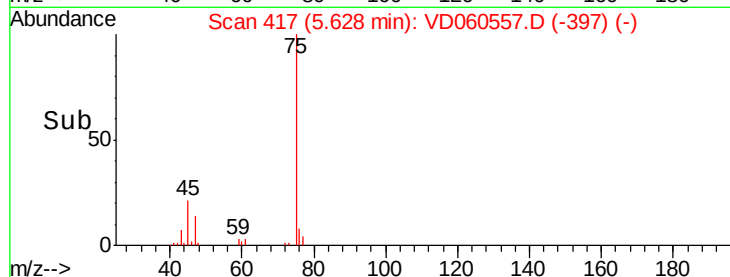
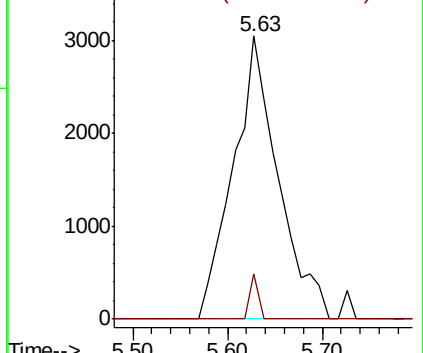
43 100

72 16.1 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VD060492.D (-408) (-)

Ion 72.00 (71.70 to 72.70): VD060492.D (-408) (-)



#31

Cyclohexane

Concen: Below Cal

RT: 6.39 min Scan# 494

Delta R.T. 0.02 min

Lab File: VD060557.D

Acq: 13 Dec 2018 13:24

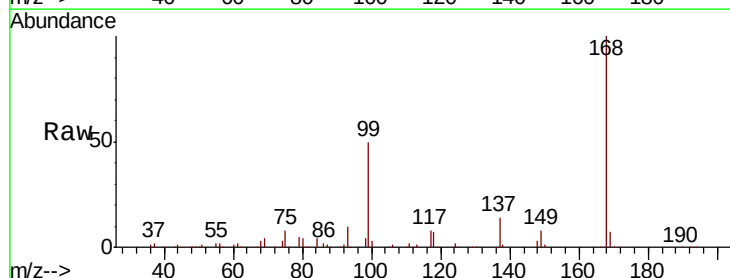
Tgt Ion: 56 Resp: 30115

Ion Ratio Lower Upper

56 100

69 235.3 22.8 34.2#

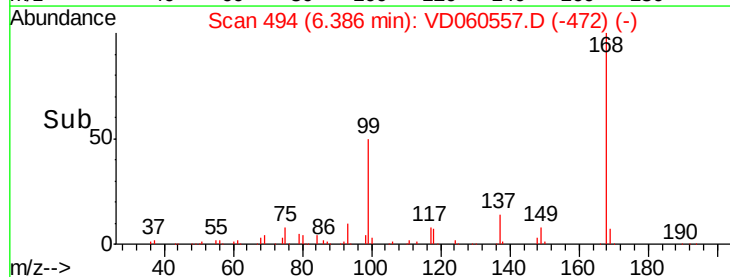
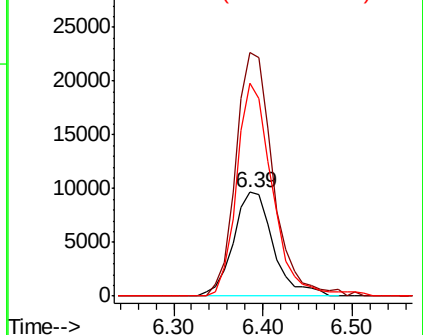
84 205.2 65.1 97.7#

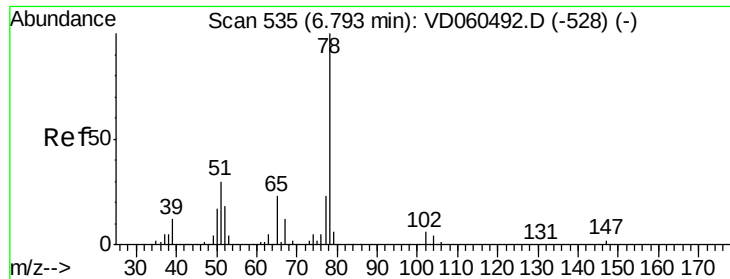


Abundance Ion 55.95 (55.65 to 56.65): VD060492.D (-484) (-)

Ion 69.00 (68.70 to 69.70): VD060492.D (-484) (-)

Ion 84.05 (83.75 to 84.75): VD060492.D (-484) (-)

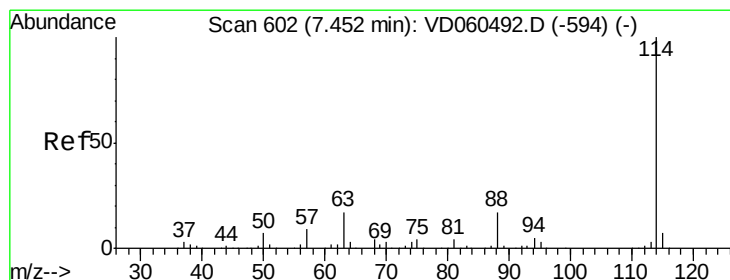
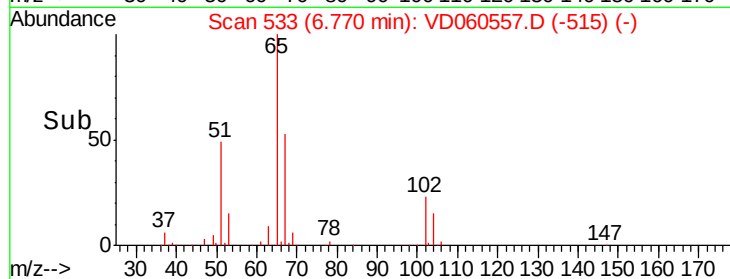
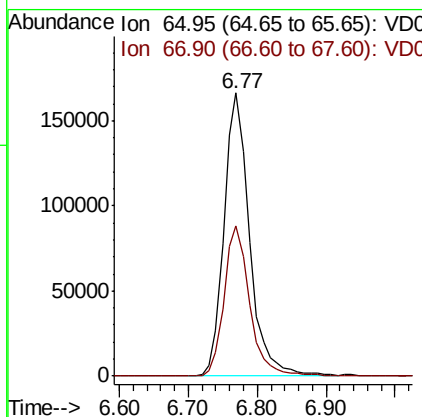
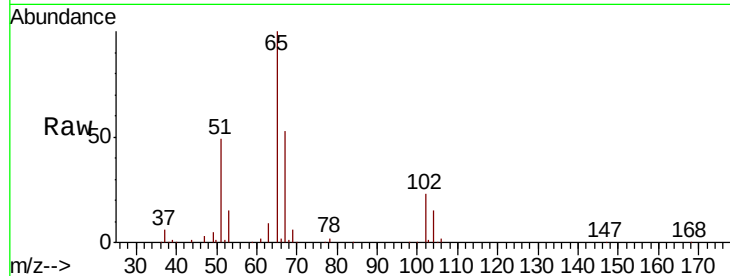




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.77 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VD060557.D
 Acq: 13 Dec 2018 13:24

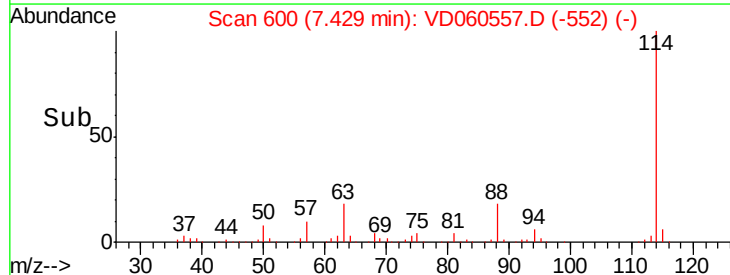
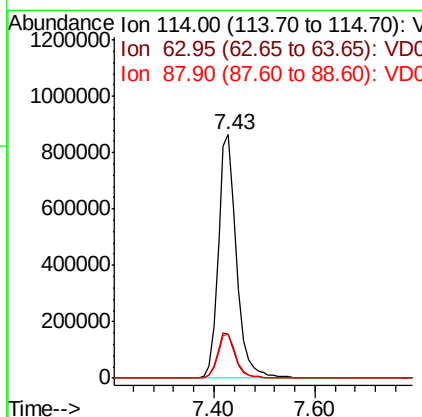
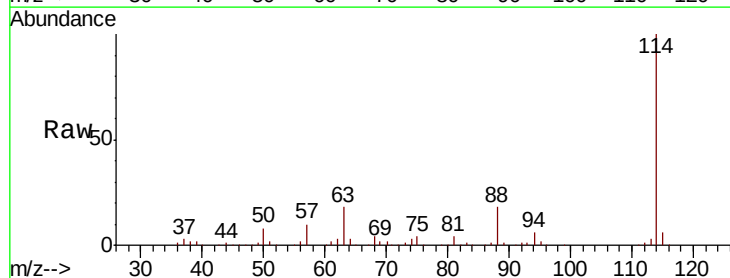
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-029-B

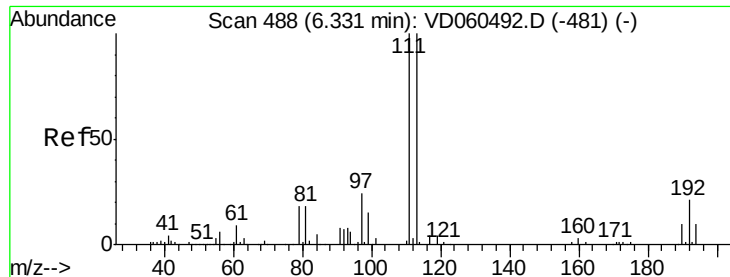
Tgt Ion: 65 Resp: 426810
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: VD060557.D
 Acq: 13 Dec 2018 13:24

Tgt Ion: 114 Resp: 2174464
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.2
 88 17.9 0.0 35.0

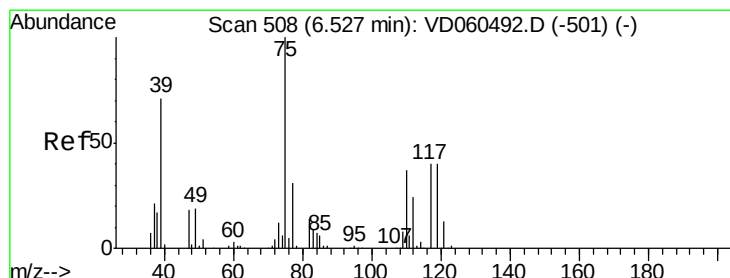
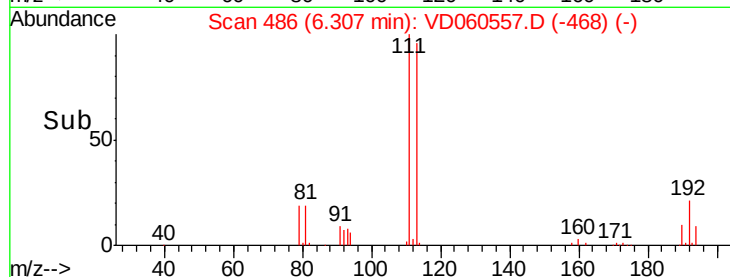
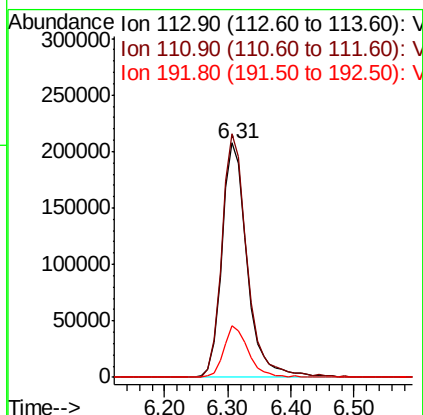
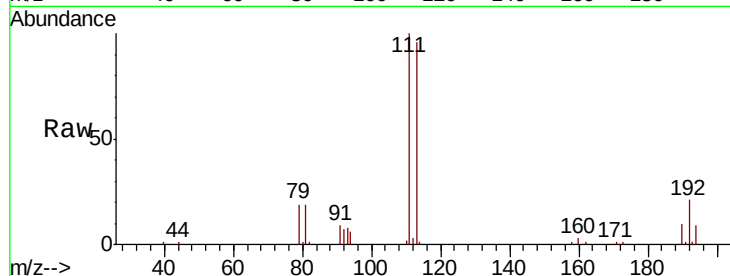




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: VD060557.D
 Acq: 13 Dec 2018 13:24

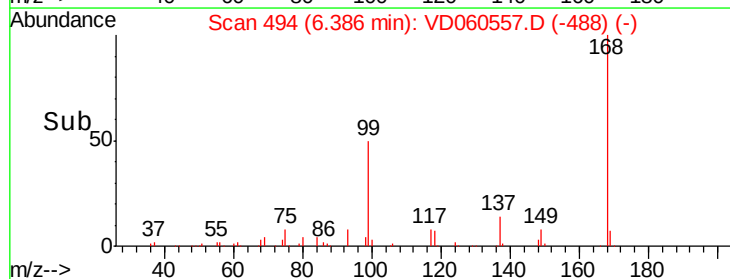
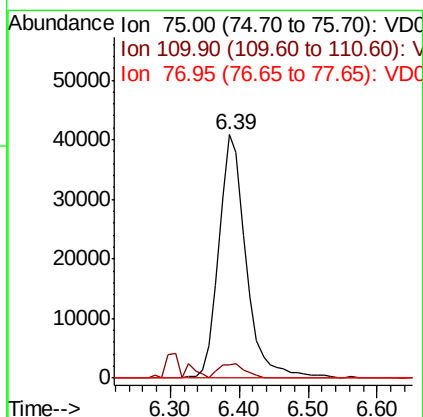
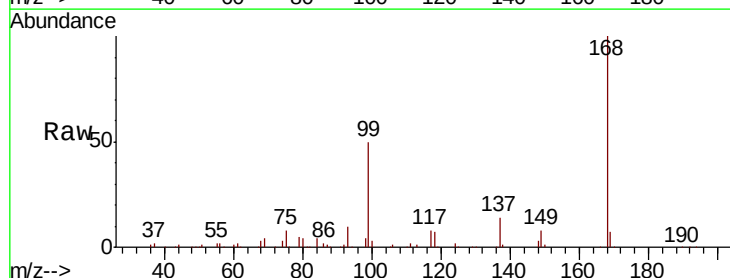
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 ClientSampleId :
 FK-GF-02-029-B

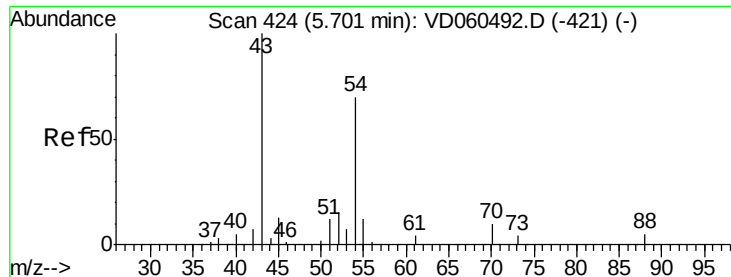
Tgt Ion: 113 Resp: 576452
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.2 120.4
 192 21.8 16.6 24.8



#36
 1,1-Dichloropropene
 Concen: 5.249 ug/l
 RT: 6.39 min Scan# 494
 Delta R.T. -0.14 min
 Lab File: VD060557.D
 Acq: 13 Dec 2018 13:24

Tgt Ion: 75 Resp: 111560
 Ion Ratio Lower Upper
 75 100
 110 5.5 18.3 54.8#
 77 0.0 24.6 37.0#

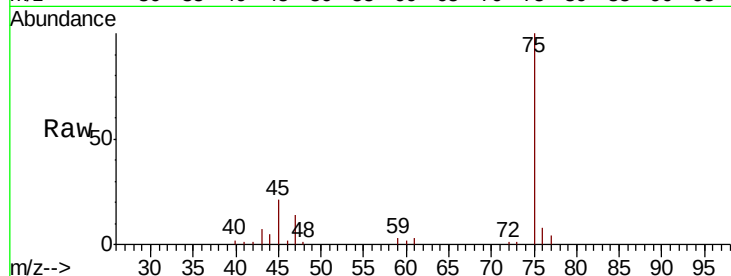




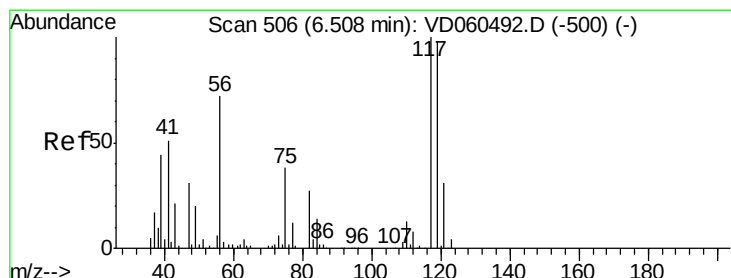
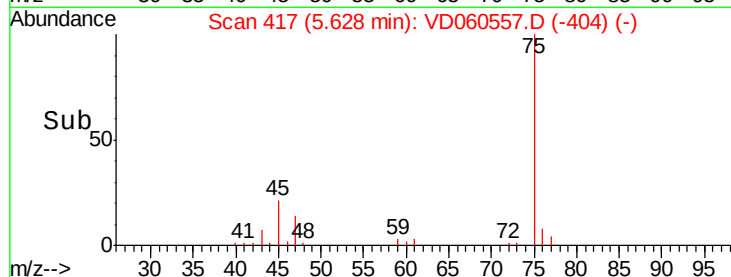
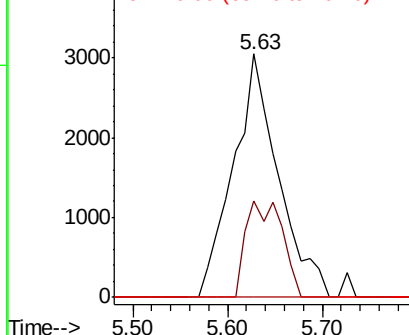
#37
Ethyl Acetate
Concen: 1.092 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.07 min
Lab File: VD060557.D
Acq: 13 Dec 2018 13:24

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-029-B

Tgt Ion: 43 Resp: 10063
Ion Ratio Lower Upper
43 100
61 39.7 12.4 18.6#
70 0.0 5.4 8.0#

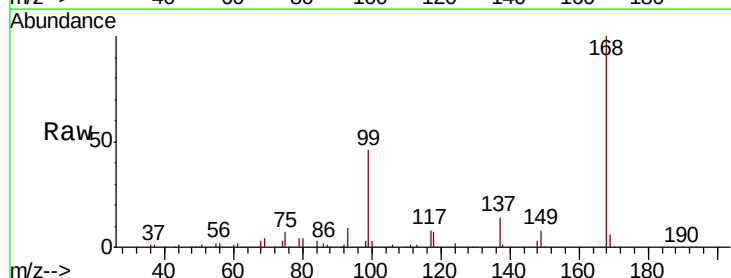


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

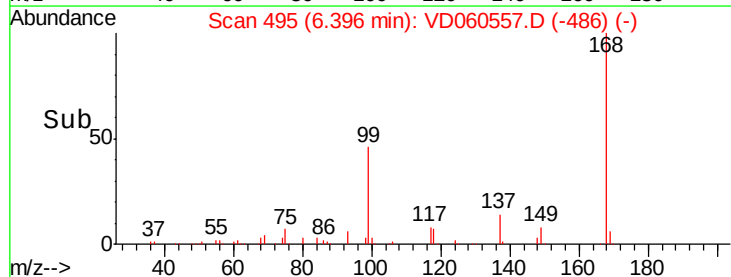
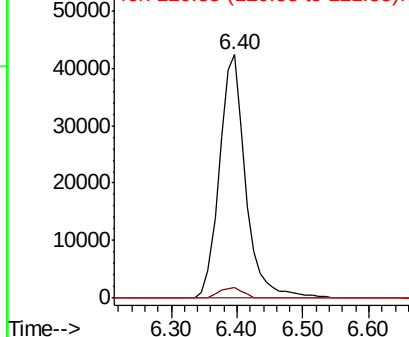


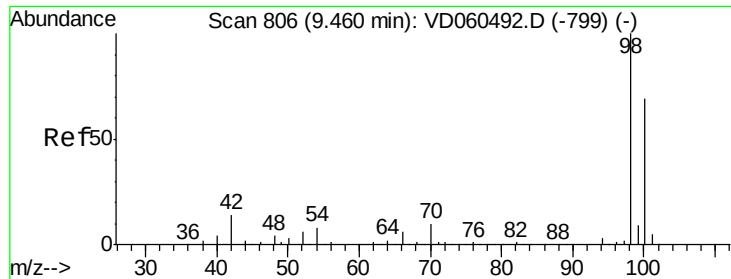
#38
Carbon Tetrachloride
Concen: 6.146 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.11 min
Lab File: VD060557.D
Acq: 13 Dec 2018 13:24

Tgt Ion: 117 Resp: 117272
Ion Ratio Lower Upper
117 100
119 4.6 76.8 115.2#
121 0.0 24.4 36.6#



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

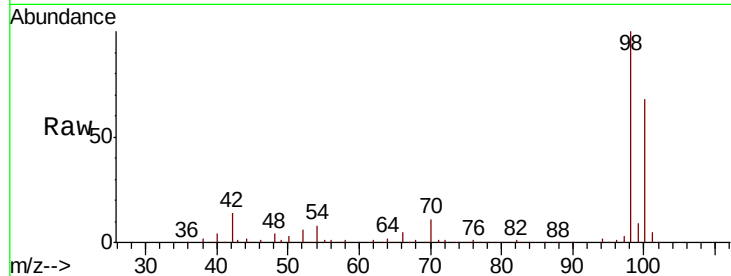




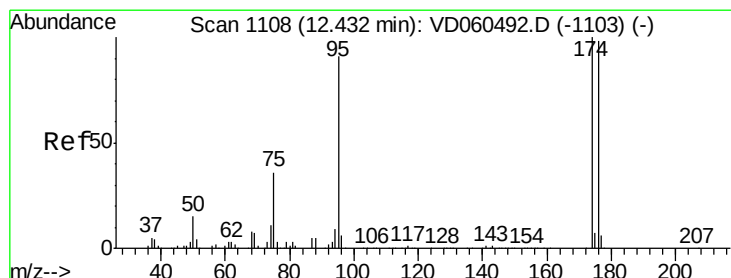
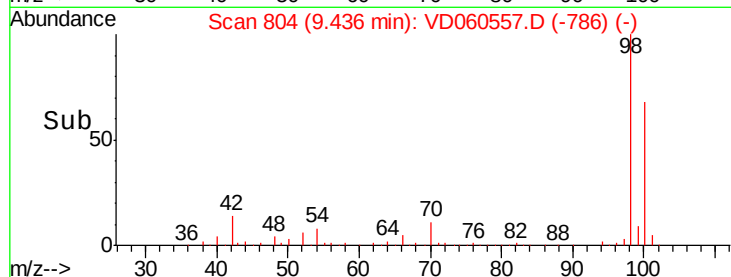
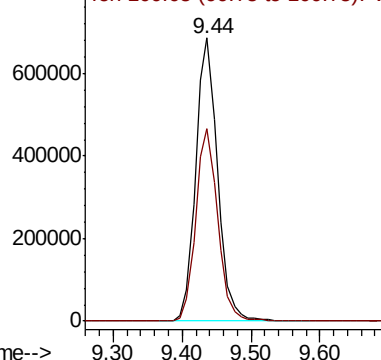
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060557.D
Acq: 13 Dec 2018 13:24

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-029-B

Tgt Ion: 98 Resp: 1501524
Ion Ratio Lower Upper
98 100
100 67.9 55.7 83.5

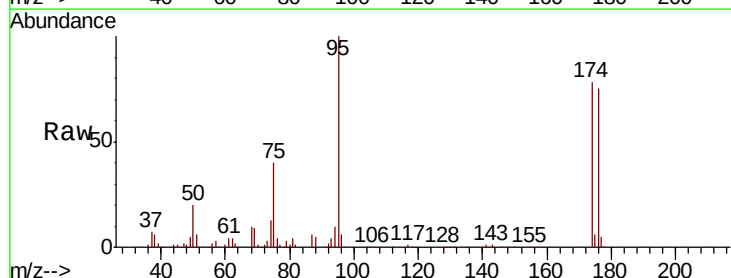


Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)
Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

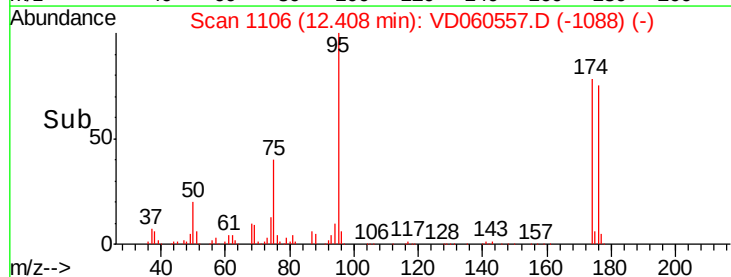
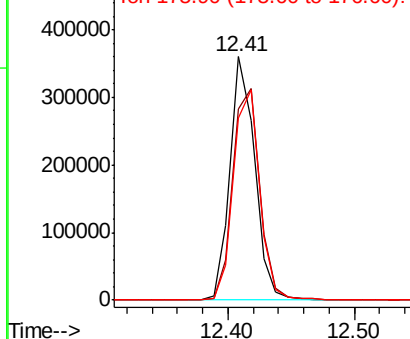


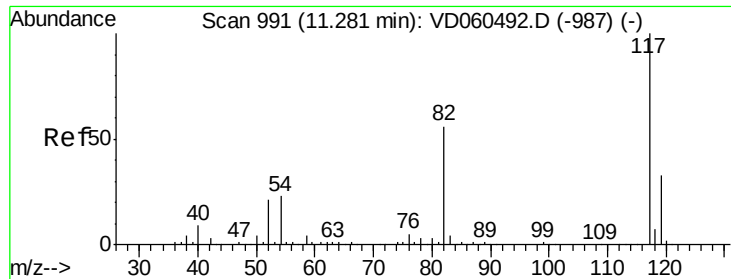
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.02 min
Lab File: VD060557.D
Acq: 13 Dec 2018 13:24

Tgt Ion: 95 Resp: 487237
Ion Ratio Lower Upper
95 100
174 78.3 0.0 219.4
176 74.9 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) (-)

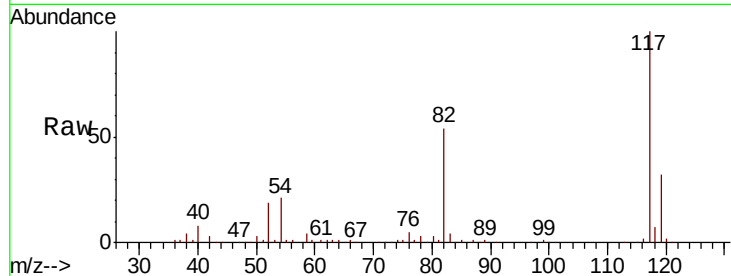




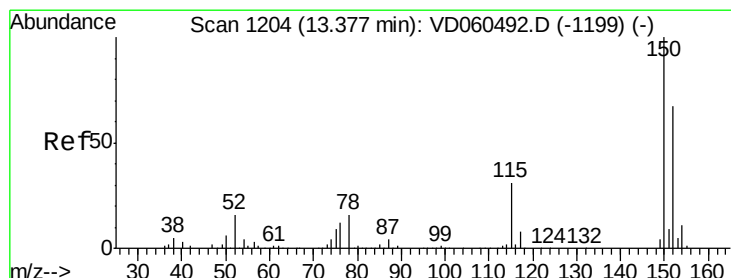
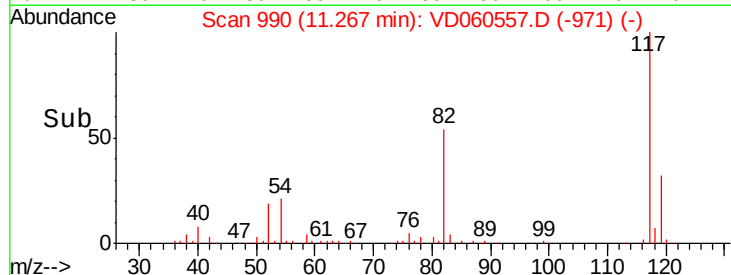
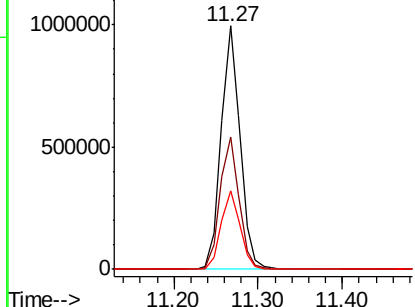
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.01 min
Lab File: VD060557.D
Acq: 13 Dec 2018 13:24

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:117 Resp: 1557841
Ion Ratio Lower Upper
117 100
82 54.5 45.2 67.8
119 32.4 26.1 39.1

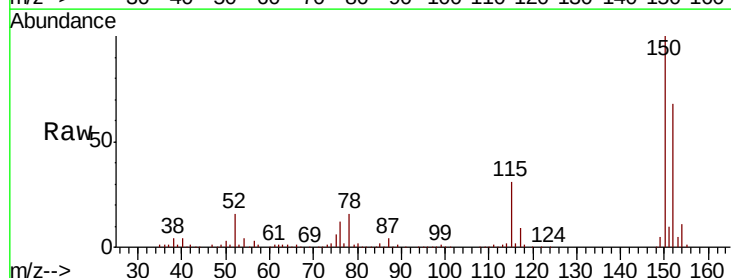


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

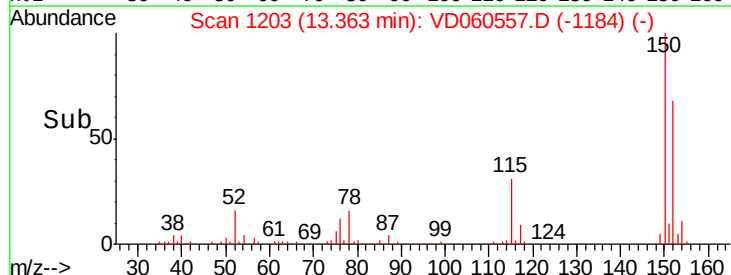
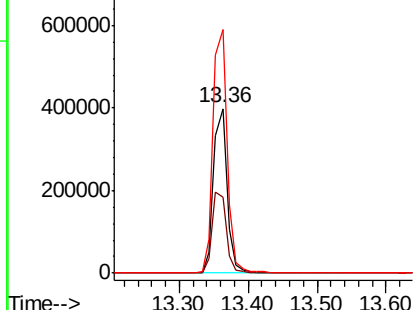


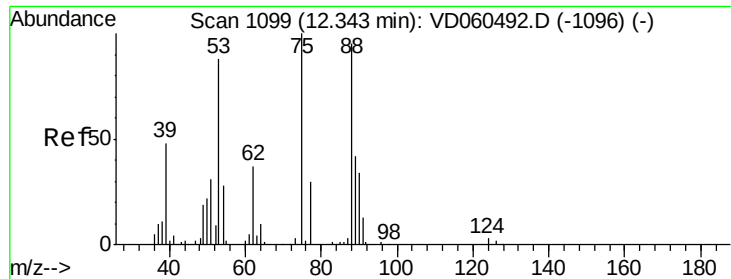
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060557.D
Acq: 13 Dec 2018 13:24

Tgt Ion:152 Resp: 548900
Ion Ratio Lower Upper
152 100
115 46.4 24.6 74.0
150 147.7 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





#81

trans-1,4-Dichloro-2-butene

Concen: 111.976 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.06 min

Lab File: VD060557.D

Acq: 13 Dec 2018 13:24

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-029-B

Tgt Ion: 75 Resp: 194235

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 33.6 50.4#

