

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062890.D
 Acq On : 6 Jun 2019 18:47
 Operator : FY/SY
 Sample : K3247-02
 Misc : 3.71g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-02-041-A

Quant Time: Jun 07 01:26:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	775514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1333301	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1045424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	365170	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	213838	39.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.74%	
35) Dibromofluoromethane	4.33	113	385284	38.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.48%	
50) Toluene-d8	7.73	98	824718	32.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	64.74%	
62) 4-Bromofluorobenzene	11.50	95	301689	32.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	65.84%	

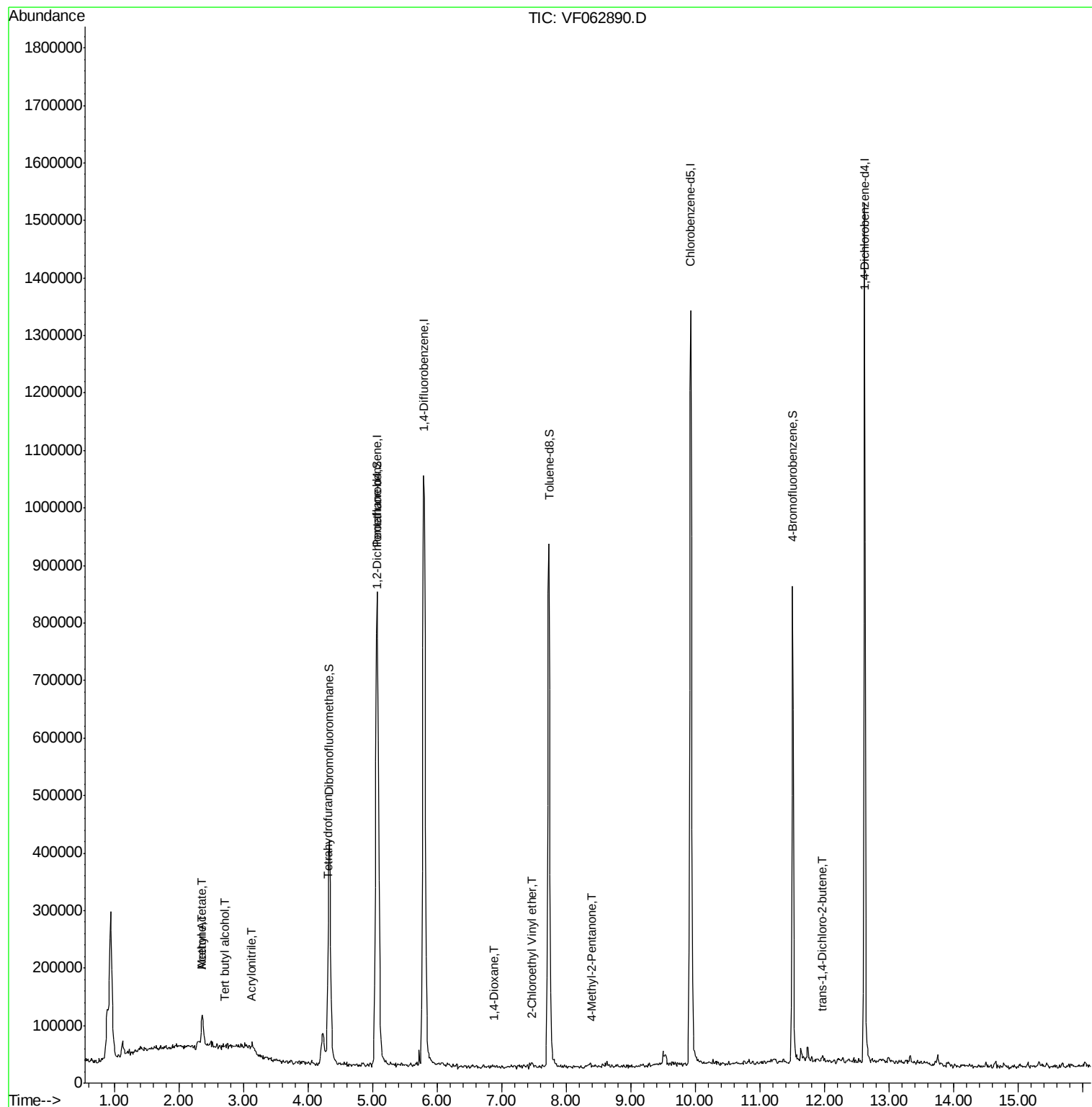
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	683	Below Cal		89
11) Tert butyl alcohol	2.70	59	1408	4.334	ug/l #	1
15) Acrylonitrile	3.12	53	1237	1.013	ug/l #	79
16) Acetone	2.36	43	73663	60.015	ug/l	99
18) Methyl Acetate	2.36	43	73663	34.344	ug/l #	49
20) Methylene Chloride	2.36	84	11081	Below Cal	#	86
29) Tetrahydrofuran	4.30	42	2953	2.701	ug/l #	61
49) 1,4-Dioxane	6.89	88	308	7.315	ug/l #	34
51) 4-Methyl-2-Pentanone	8.41	43	5259	1.188	ug/l #	86
58) 2-Chloroethyl Vinyl ether	7.46	63	4821	2.237	ug/l #	85
81) trans-1,4-Dichloro-2-buten	11.96	75	1539	1.008	ug/l #	28

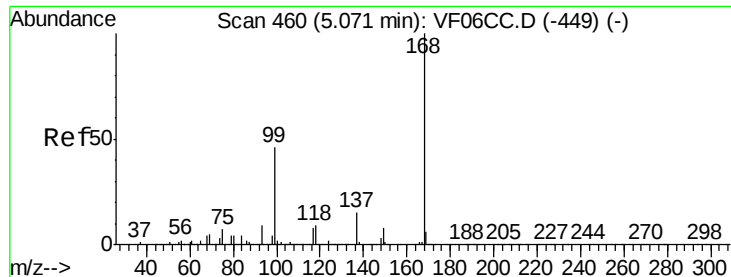
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060619\
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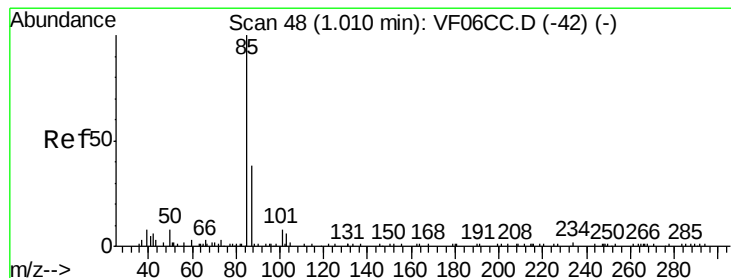
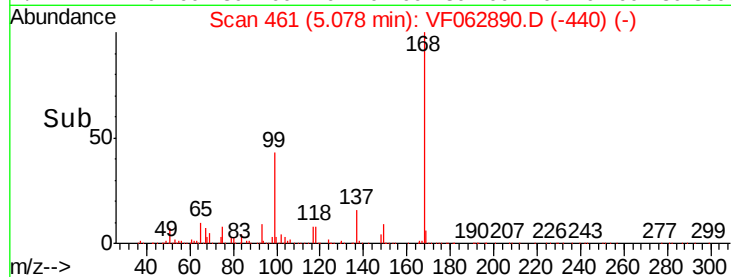
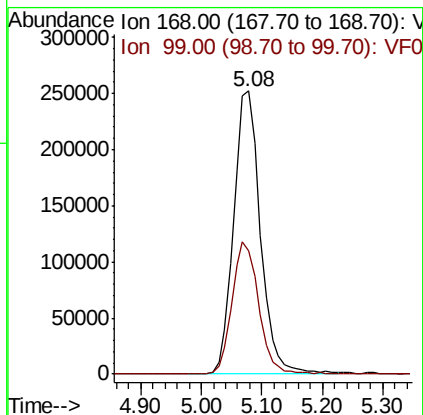
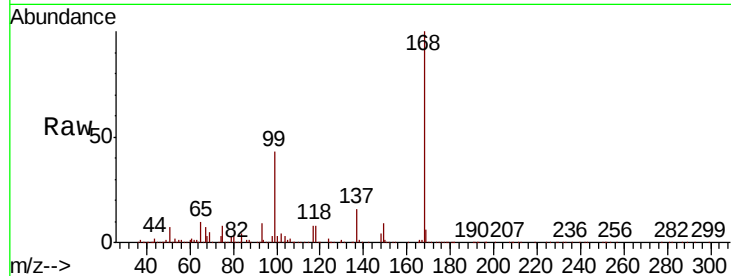


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.00 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-02-041-A

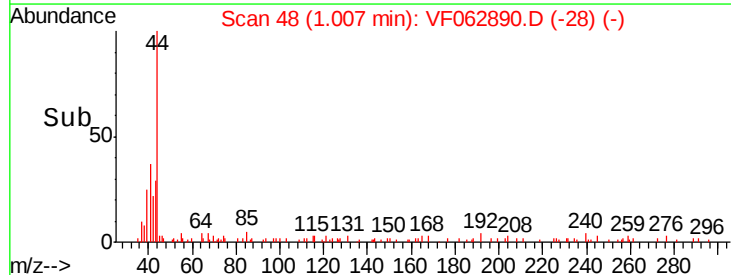
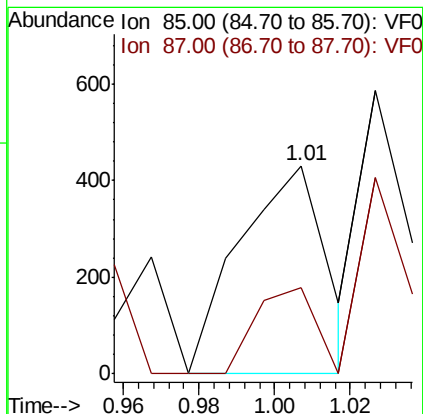
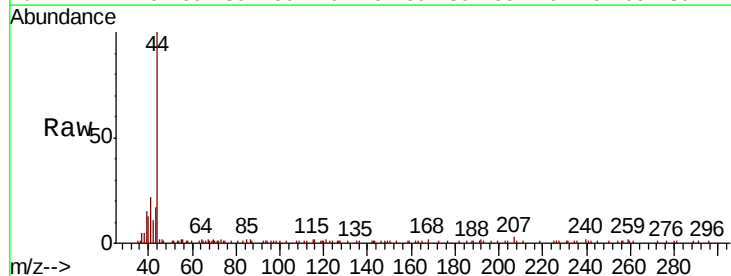
Tot Ion:168 Resp: 775514
Ion Ratio Lower Upper
168 100
99 43.4 39.1 58.7

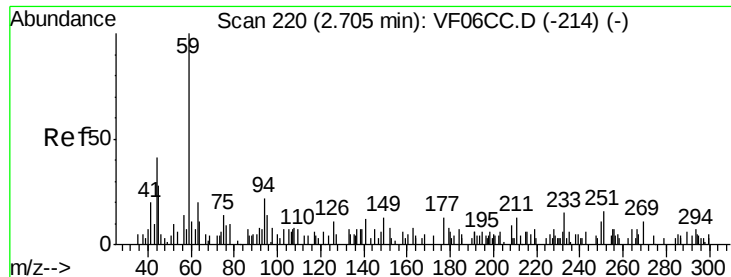


#2

Dichlorodifluoromethane
Concen: Below Cal
RT: 1.01 min Scan# 48
Delta R.T. -0.00 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

Tgt Ion: 85 Resp: 683
Ion Ratio Lower Upper
85 100
87 41.6 17.6 52.9

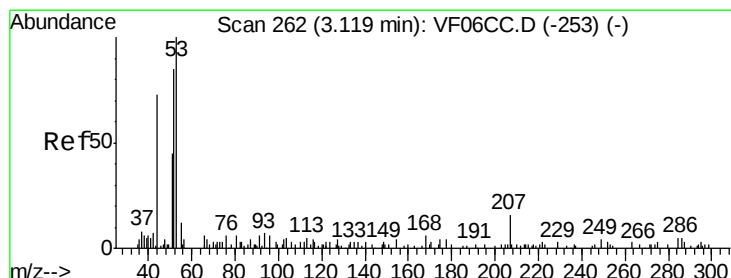
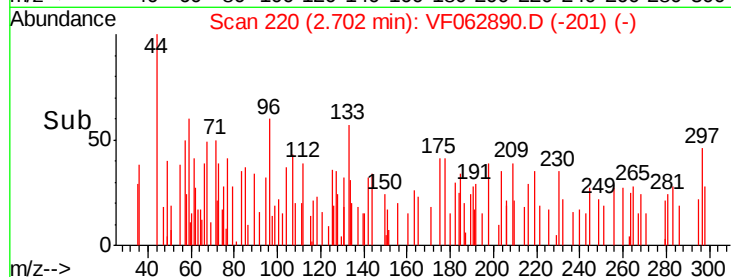
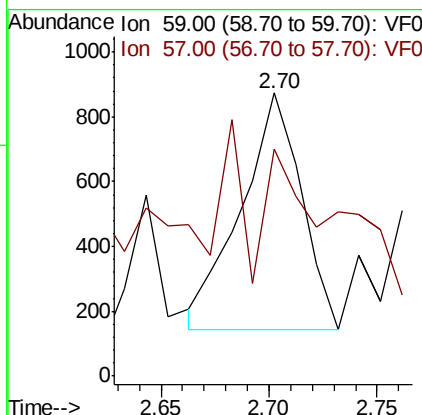
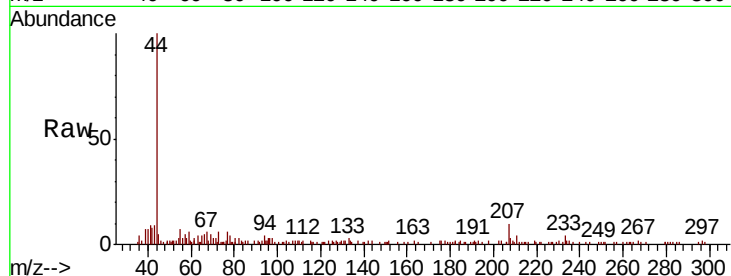




#11
Tert butyl alcohol
Concen: 4.334 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

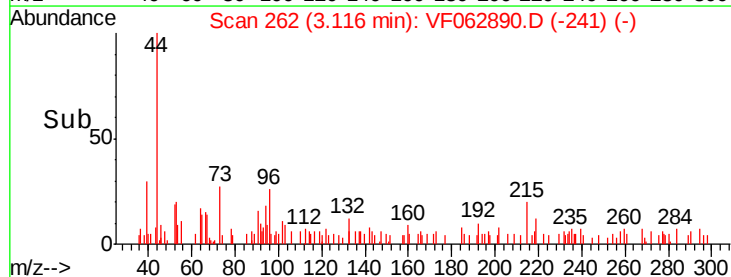
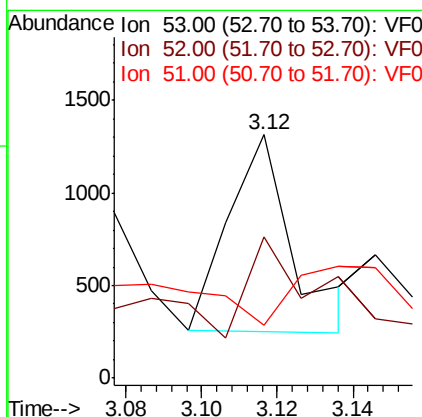
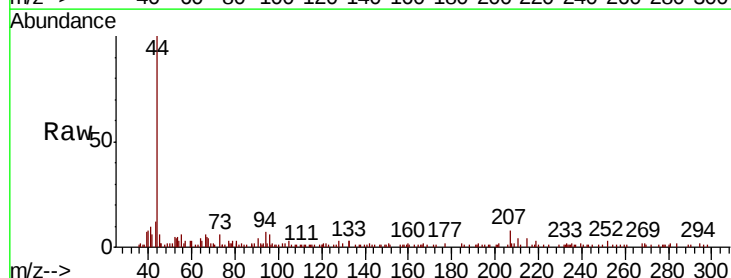
Instrument :
MSVOA_F
ClientSampleID :
FK-GF-02-041-A

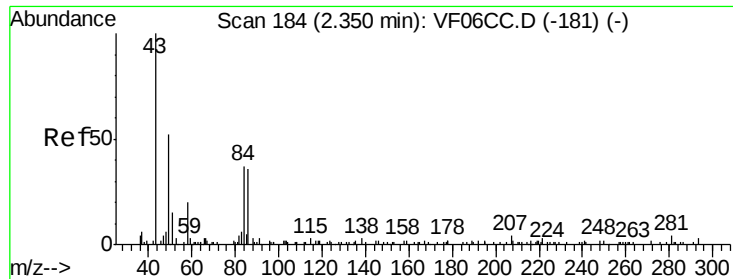
Tot Ion: 59 Resp: 1408
Ion Ratio Lower Upper
59 100
57 80.1 9.2 13.8#



#15
Acrylonitrile
Concen: 1.013 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.00 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

Tgt Ion: 53 Resp: 1237
Ion Ratio Lower Upper
53 100
52 104.3 68.1 102.1#
51 21.6 27.7 41.5#

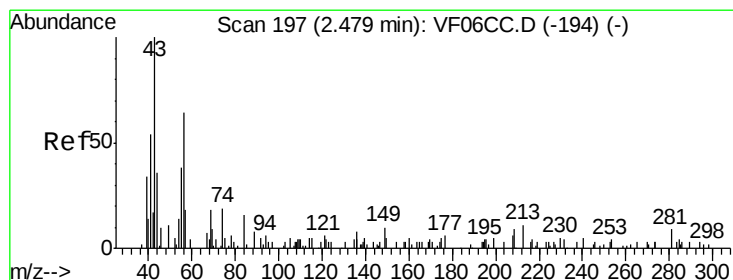
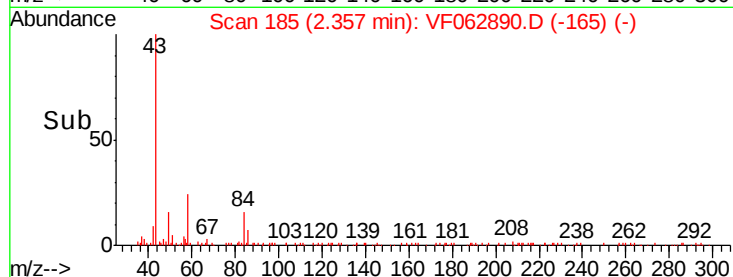
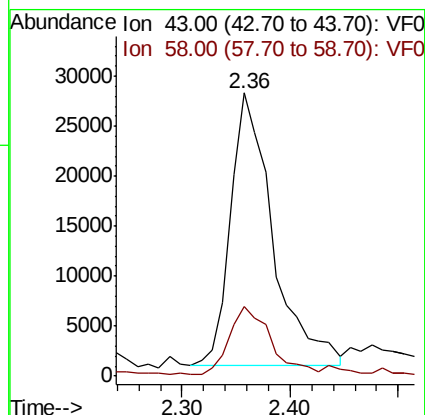
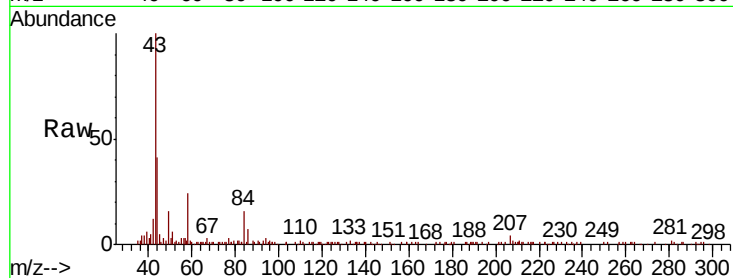




#16
Acetone
Concen: 60.015 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

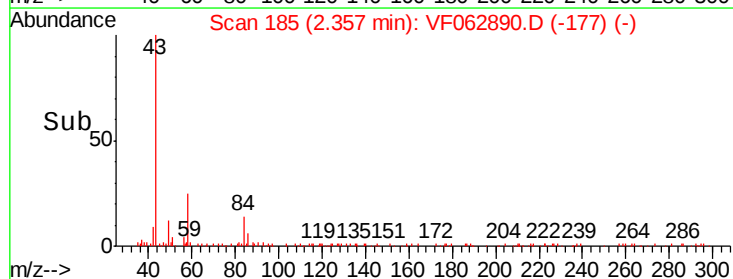
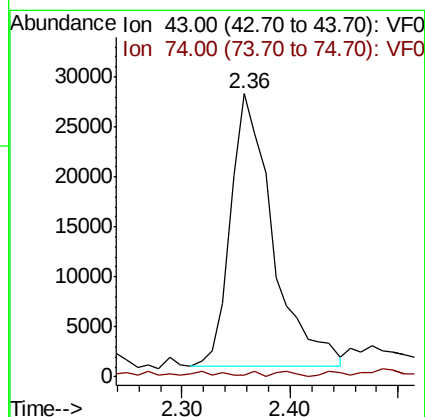
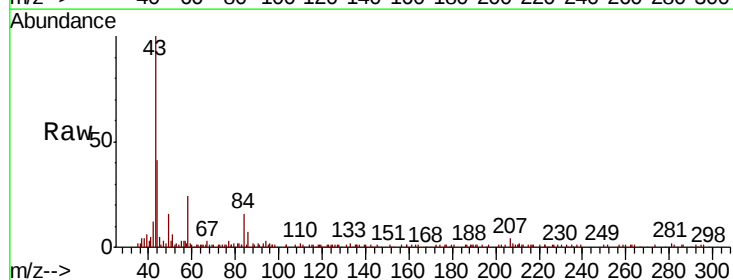
Instrument :
MSVOA_F
ClientSampleId :
FK-GF-02-041-A

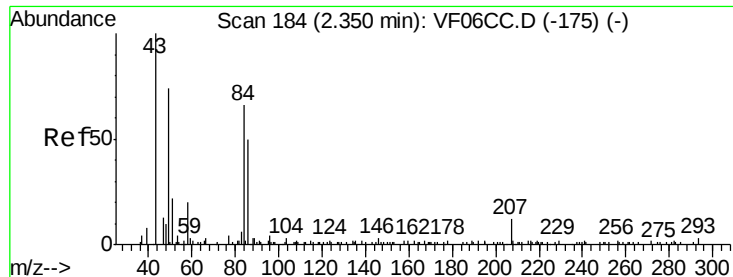
Tot Ion: 43 Resp: 73663
Ion Ratio Lower Upper
43 100
58 24.4 19.0 28.4



#18
Methyl Acetate
Concen: 34.344 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.12 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

Tgt Ion: 43 Resp: 73663
Ion Ratio Lower Upper
43 100
74 0.7 22.1 33.1#

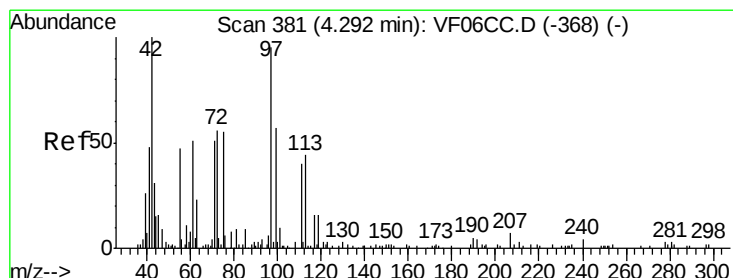
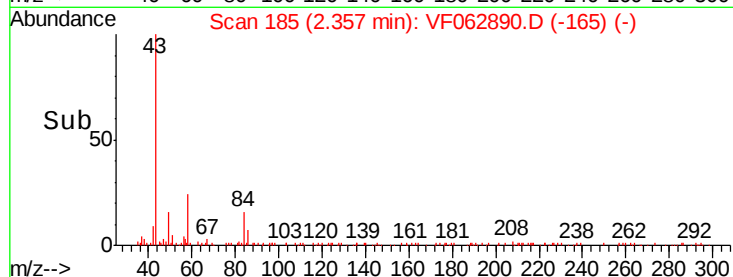
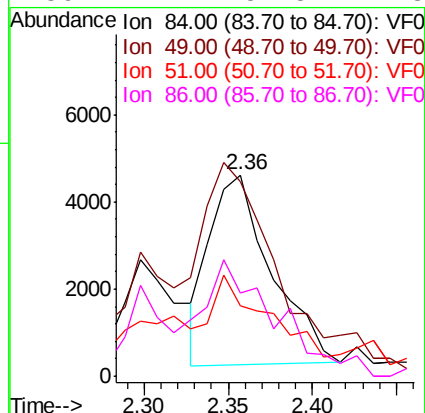
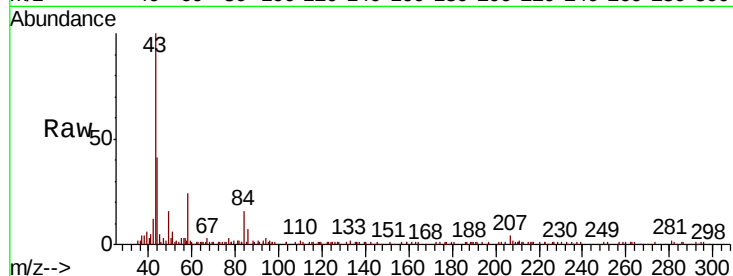




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.36 min Scan# 185
Delta R.T. -0.00 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

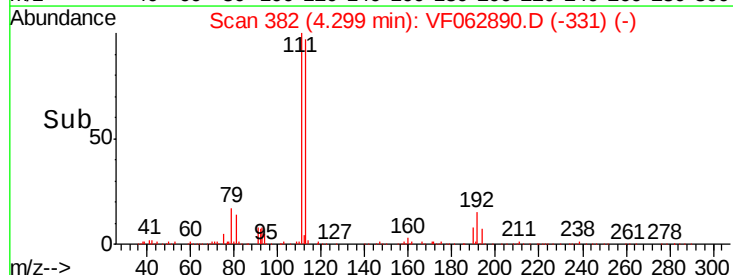
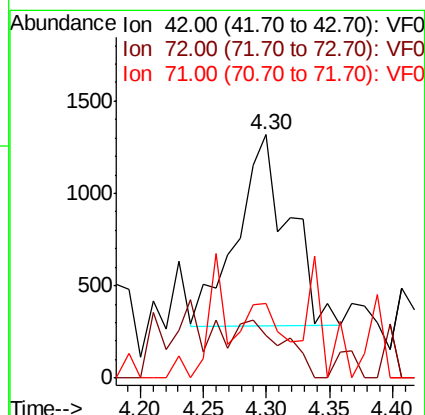
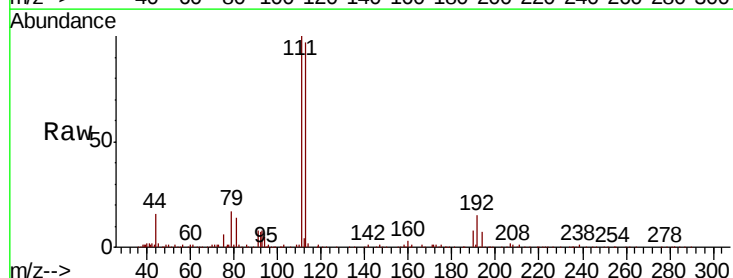
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ClientSampleId :
FK-GF-02-041-A

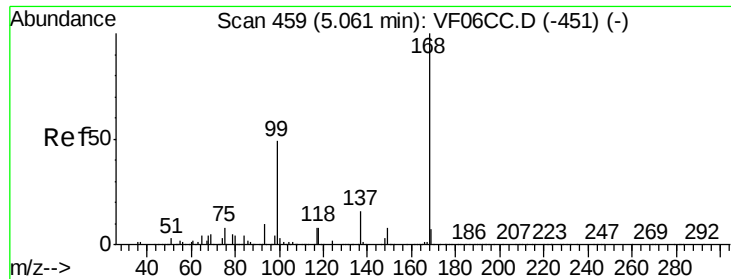
Tot Ion:	84	Resp:	11081
Ion	Ratio	Lower	Upper
84	100		
49	96.6	82.6	123.8
51	35.0	25.0	37.4
86	41.2	51.5	77.3#



#29
Tetrahydrofuran
Concen: 2.701 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

Tgt Ion:	42	Resp:	2953
Ion	Ratio	Lower	Upper
42	100		
72	27.3	39.0	58.6#
71	15.3	36.9	55.3#

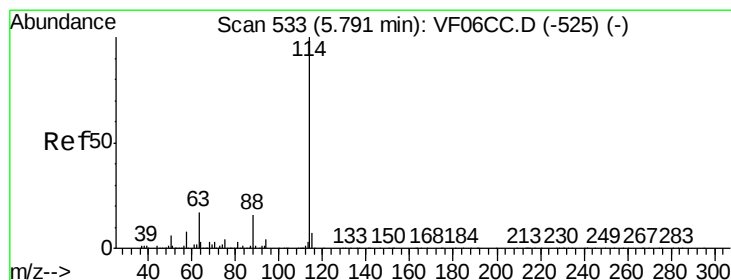
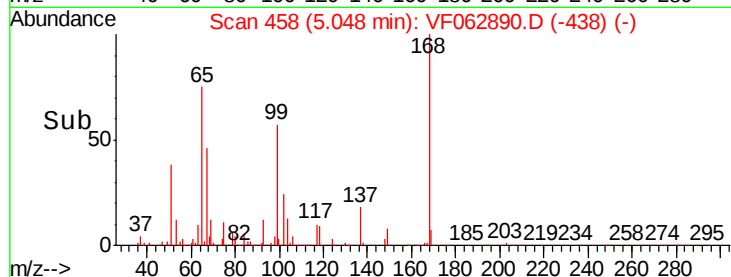
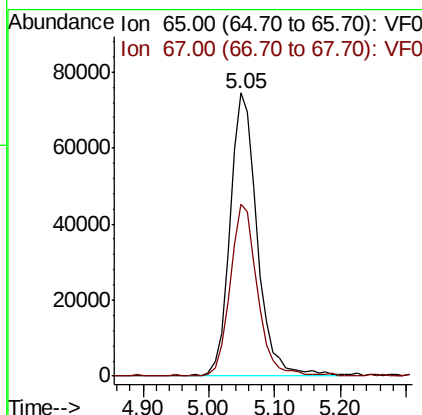
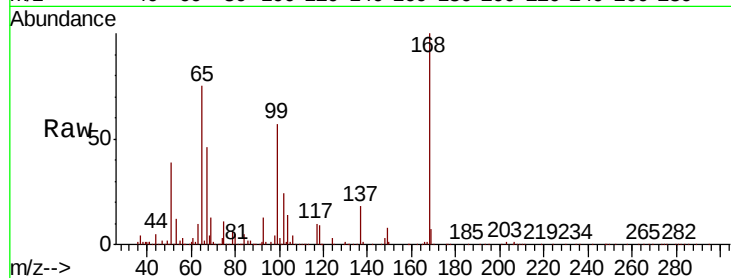




#33
 1,2-Dichloroethane-d4
 Concen: 39.875 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VF062890.D
 Acq: 6 Jun 2019 18:47

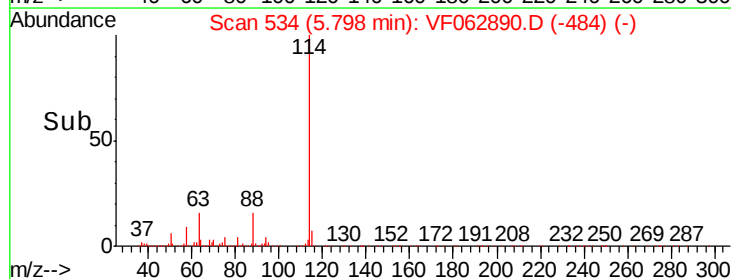
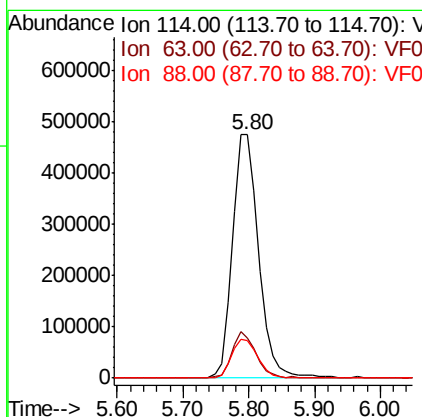
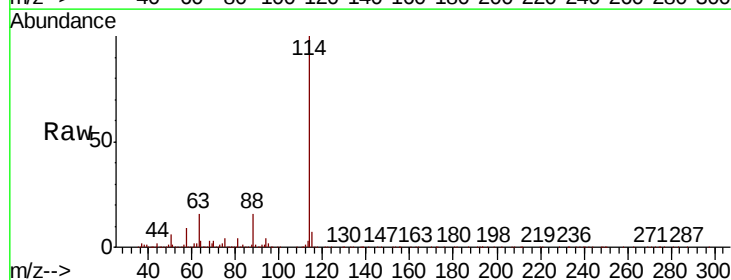
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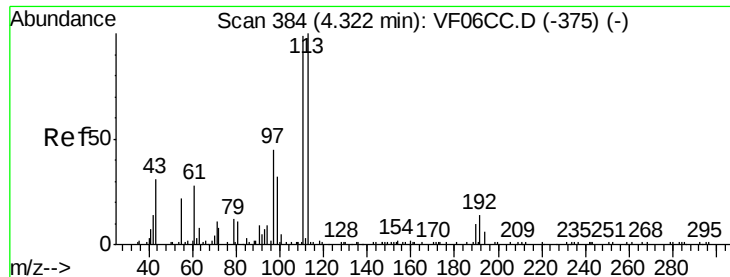
Tot Ion: 65 Resp: 213838
 Ion Ratio Lower Upper
 65 100
 67 61.0 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VF062890.D
 Acq: 6 Jun 2019 18:47

Tgt Ion: 114 Resp: 1333301
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 34.2
 88 15.6 0.0 31.2

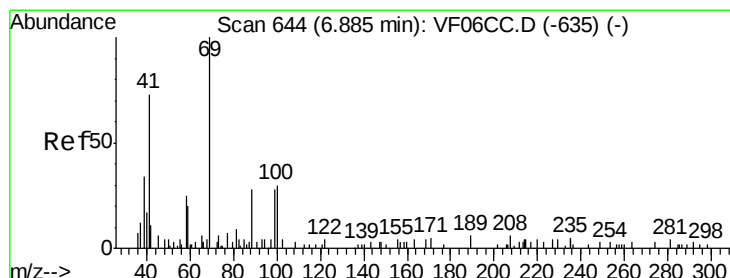
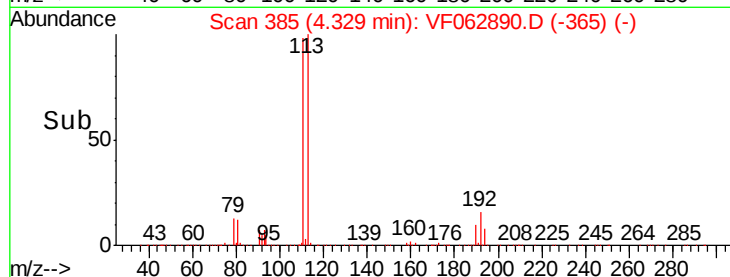
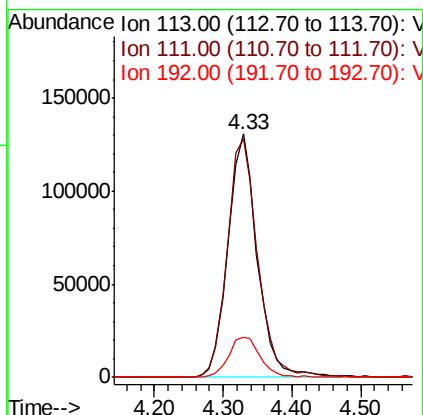
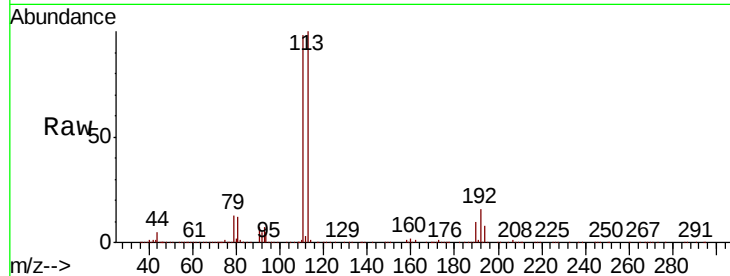




#35
 Dibromofluoromethane
 Concen: 38.241 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VF062890.D
 Acq: 6 Jun 2019 18:47

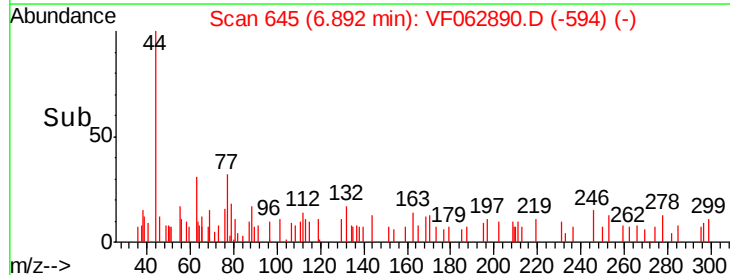
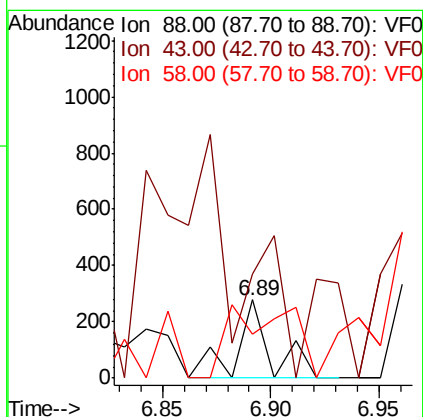
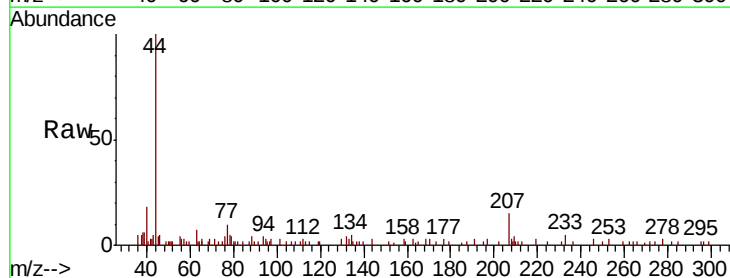
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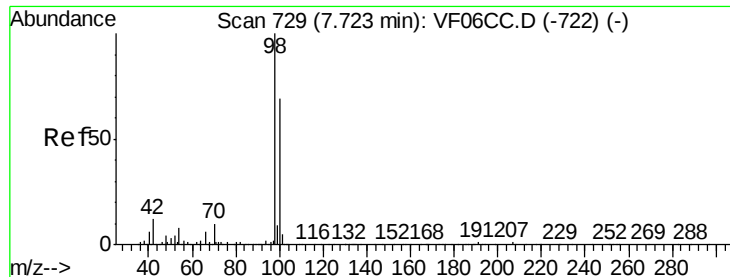
Tot Ion	Ratio	Lower	Upper
113	100		
111	97.9	81.9	122.9
192	16.2	15.1	22.7



#49
 1,4-Dioxane
 Concen: 7.315 ug/l
 RT: 6.89 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: VF062890.D
 Acq: 6 Jun 2019 18:47

Tgt Ion	Ratio	Lower	Upper
88	100		
43	133.6	34.8	52.2#
58	55.6	59.9	89.9#

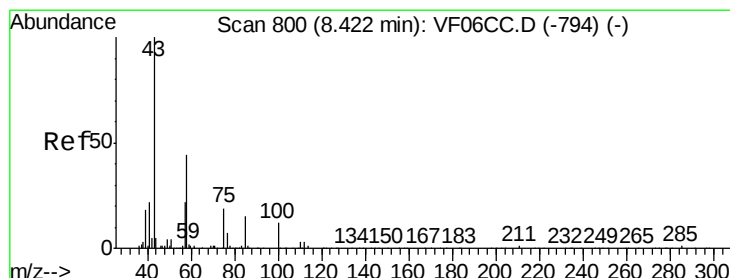
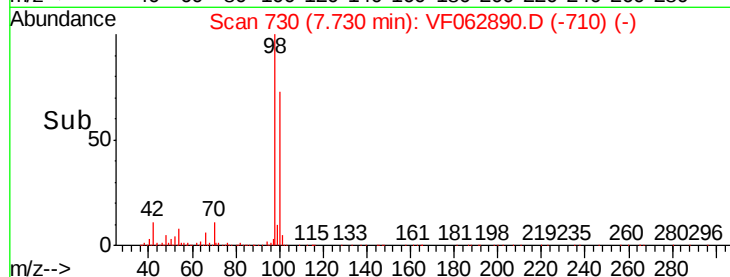
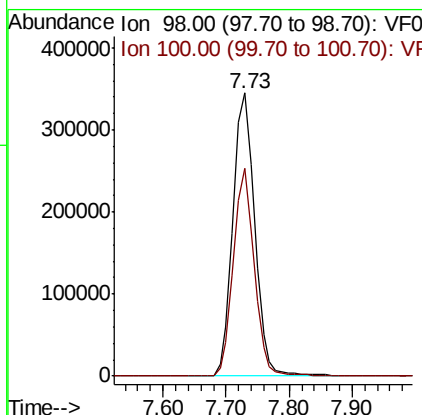
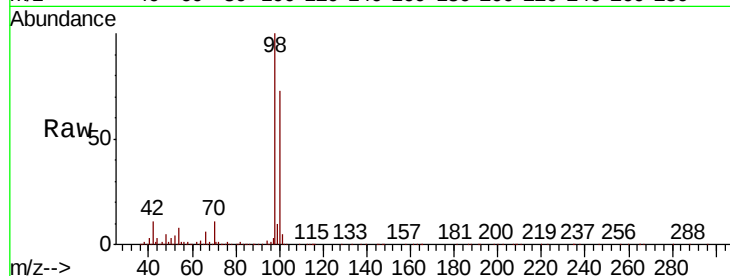




#50
Toluene-d8
Concen: 32.370 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

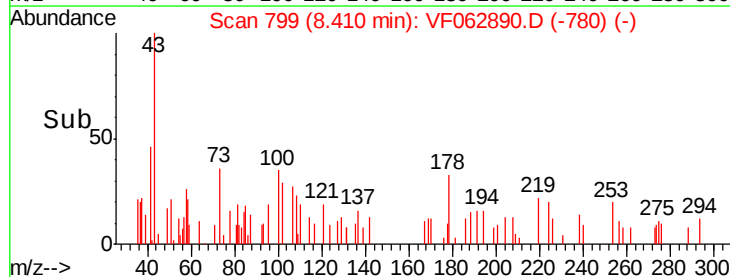
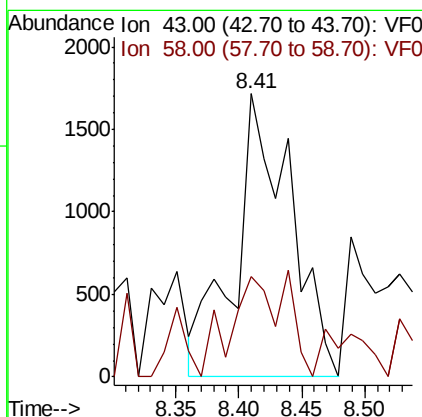
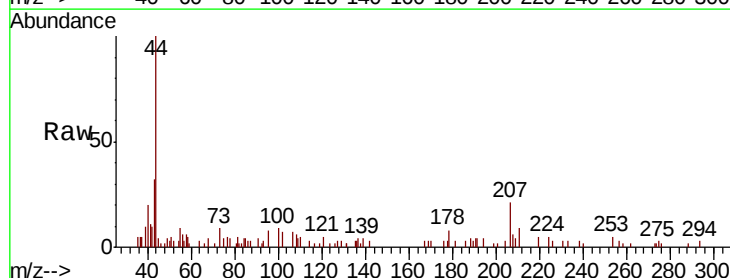
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FK-GF-02-041-A

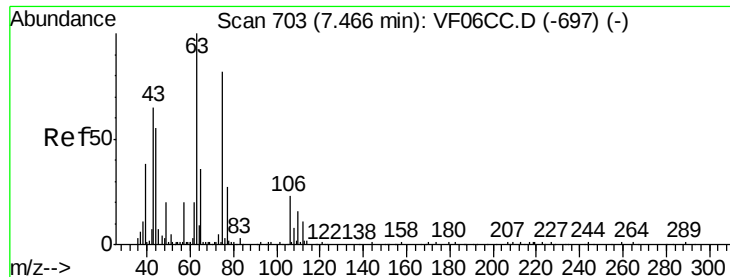
Tot Ion: 98 Resp: 824718
Ion Ratio Lower Upper
98 100
100 73.3 59.8 89.8



#51
4-Methyl-2-Pentanone
Concen: 1.188 ug/l
RT: 8.41 min Scan# 799
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

Tgt Ion: 43 Resp: 5259
Ion Ratio Lower Upper
43 100
58 35.5 35.5 53.3#

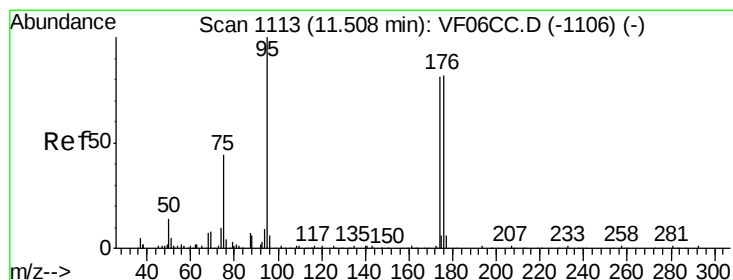
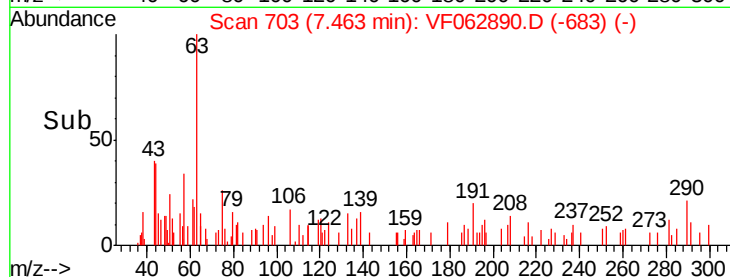
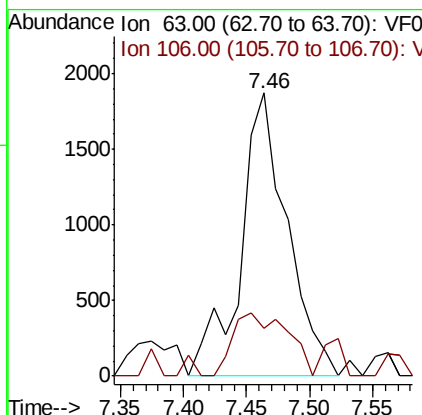
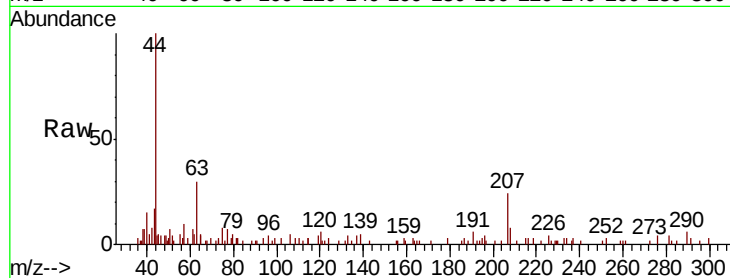




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.237 ug/l
 RT: 7.46 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VF062890.D
 Acq: 6 Jun 2019 18:47

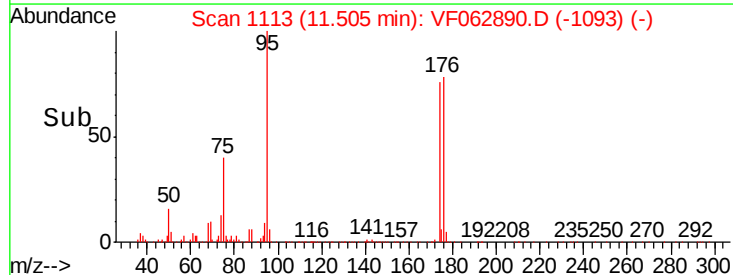
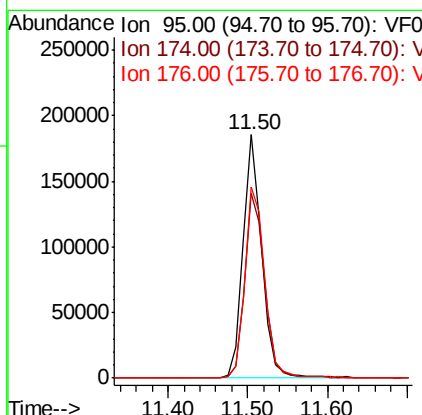
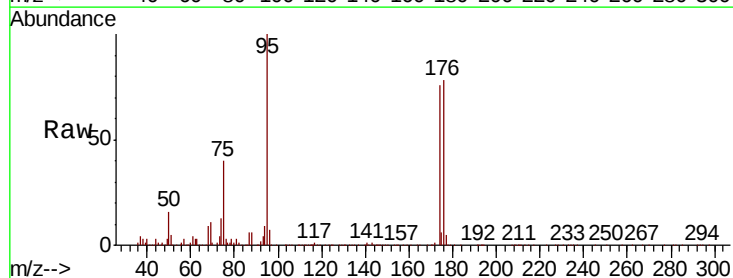
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-02-041-A

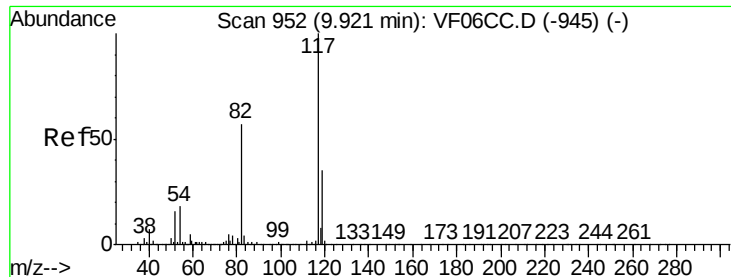
Tot Ion: 63 Resp: 4821
 Ion Ratio Lower Upper
 63 100
 106 16.8 19.5 29.3#



#62
 4-Bromofluorobenzene
 Concen: 32.919 ug/l
 RT: 11.50 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VF062890.D
 Acq: 6 Jun 2019 18:47

Tgt Ion: 95 Resp: 301689
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 170.6
 176 78.4 0.0 170.6

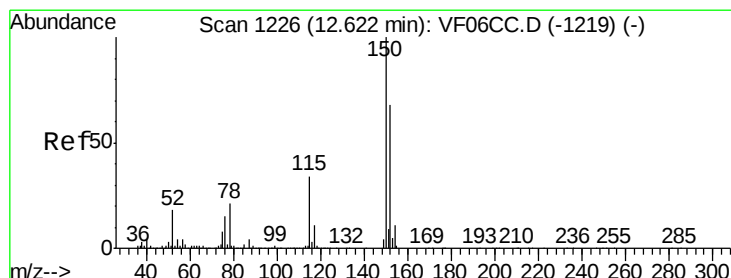
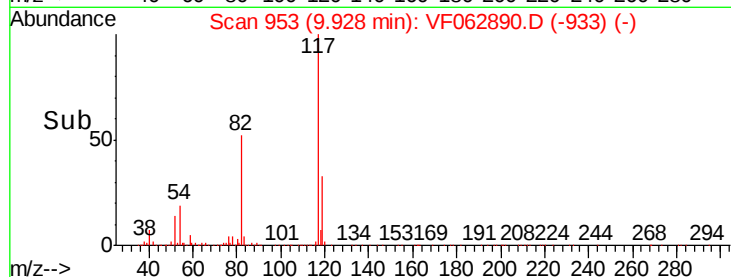
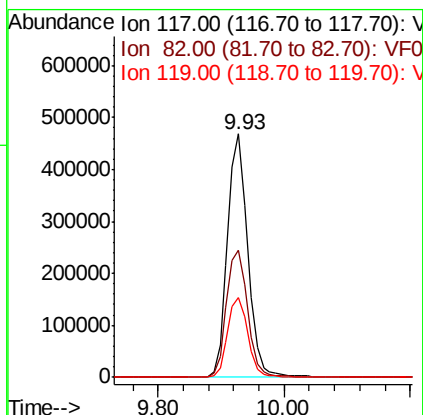
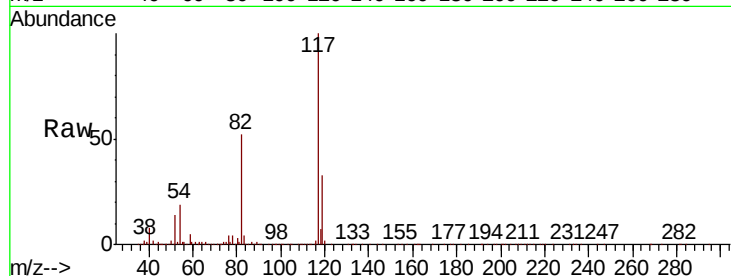




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

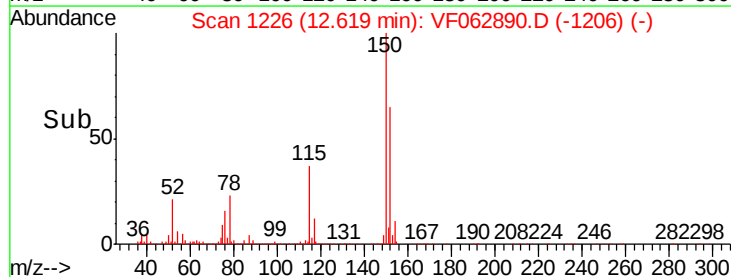
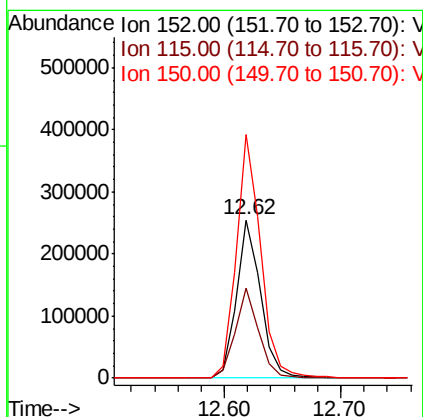
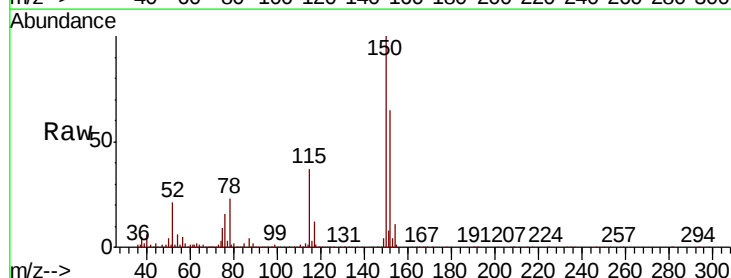
Instrument :
MSVOA_F
ClientSampleId :
FK-GF-02-041-A

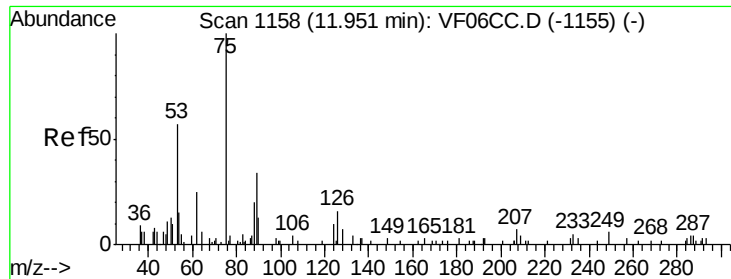
Tot Ion:117 Resp: 1045424
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.9 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

Tgt Ion:152 Resp: 365170
Ion Ratio Lower Upper
152 100
115 57.2 24.6 74.0
150 153.9 0.0 290.6





#81

trans-1,4-Dichloro-2-butene

Concen: 1.008 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. 0.00 min

Lab File: VF062890.D

Acq: 6 Jun 2019 18:47

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-02-041-A

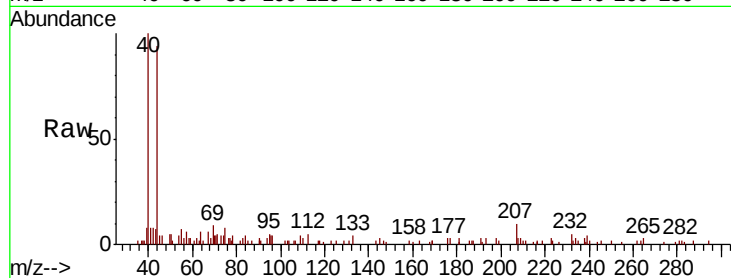
Tot Ion: 75 Resp: 1539

Ion Ratio Lower Upper

75 100

53 0.0 43.5 65.3#

89 0.0 34.3 51.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

