

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
 Data File : VF062183.D
 Acq On : 16 Apr 2019 18:41
 Operator : FY/SY
 Sample : K2361-02RE
 Misc : 5.13g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-01-E1-E1A-F1-F1ARE

Quant Time: Apr 17 08:08:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 07:56:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	419938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	715446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	563220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	317728	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	149160	39.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.90%	
35) Dibromofluoromethane	4.30	113	211862	37.54	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.08%	
50) Toluene-d8	7.71	98	476924	28.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.84%	
62) 4-Bromofluorobenzene	11.49	95	218416	33.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.08%	

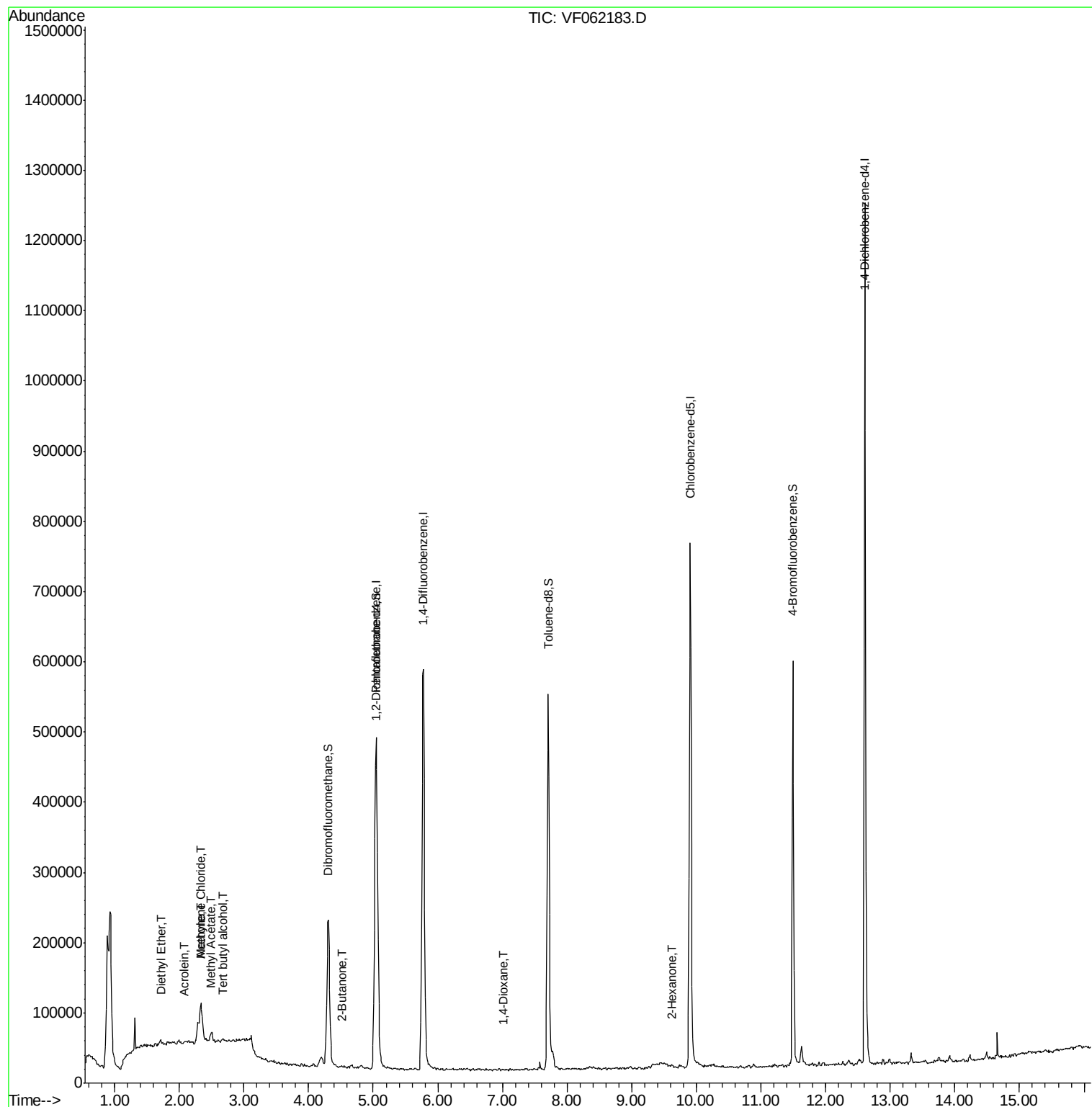
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	1.72	74	2451	1.750	ug/l	49
11) Tert butyl alcohol	2.68	59	3291	15.701	ug/l #	1
13) Acrolein	2.08	56	485	2.937	ug/l #	3
16) Acetone	2.35	43	51525	60.432	ug/l #	89
18) Methyl Acetate	2.49	43	10066	1.180	ug/l #	82
20) Methylene Chloride	2.33	84	36005	3.620	ug/l	96
25) 2-Butanone	4.51	43	2868	1.566	ug/l #	85
49) 1,4-Dioxane	7.01	88	63	2.918	ug/l #	1
59) 2-Hexanone	9.62	43	3457	1.668	ug/l	90
74) N-amyl acetate	11.44	43	2856	Below Cal	#	82
89) n-Butylbenzene	12.90	91	3379	Below Cal		83

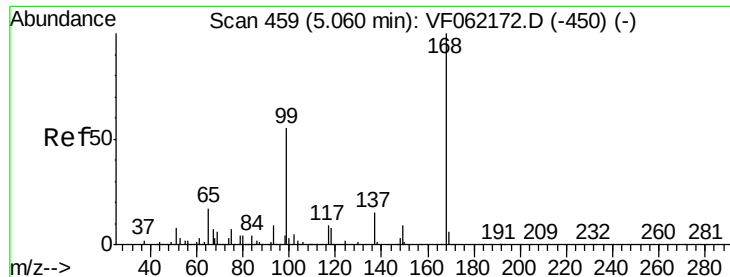
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 07:56:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF062183.D

Acq: 16 Apr 2019 18:41

Instrument :

MSVOA_F

ClientSampleId :

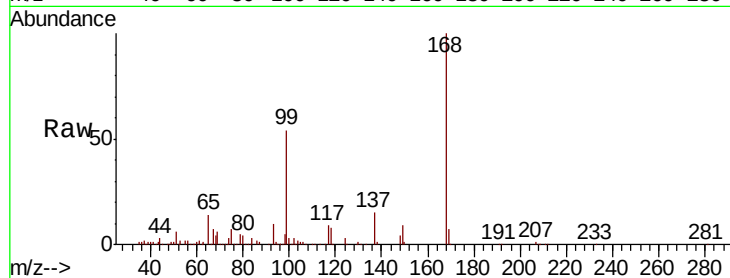
FK-BPM-01-E1-E1A-F1-F1ARE

Tot Ion:168 Resp: 419938

Ion Ratio Lower Upper

168 100

99 54.3 44.2 66.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

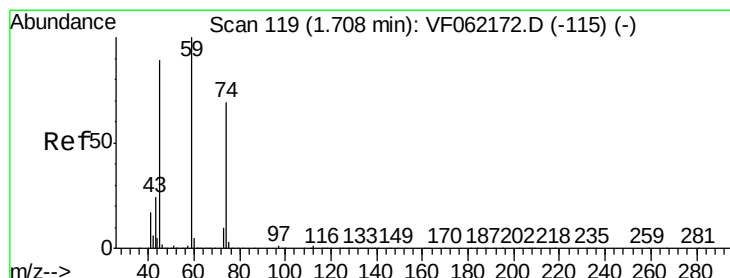
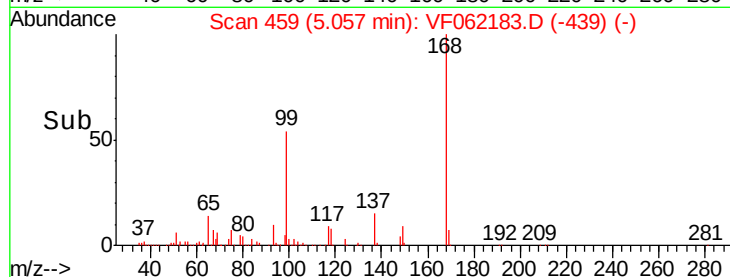
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.750 ug/l

RT: 1.72 min Scan# 120

Delta R.T. 0.01 min

Lab File: VF062183.D

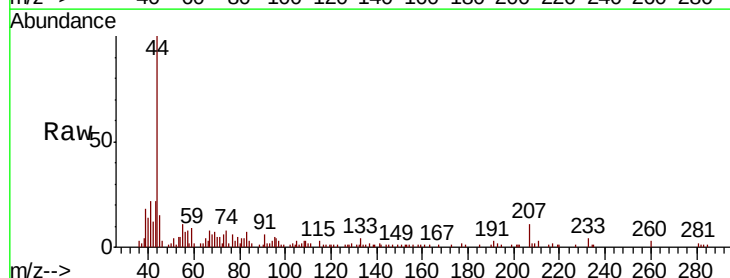
Acq: 16 Apr 2019 18:41

Tgt Ion: 74 Resp: 2451

Ion Ratio Lower Upper

74 100

45 189.2 64.7 194.1



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

4000

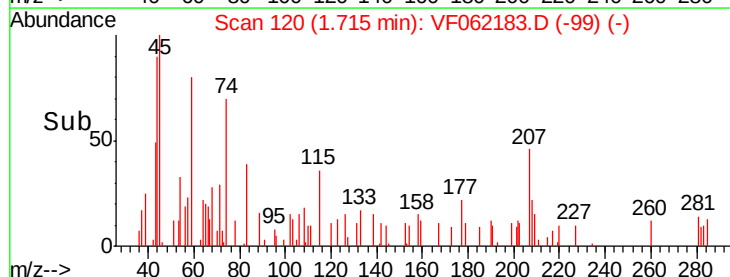
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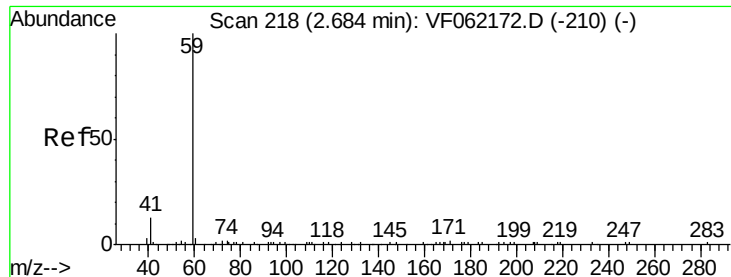
2000

1000

0

Time-->



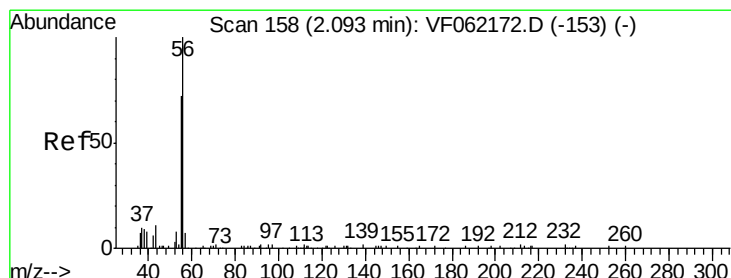
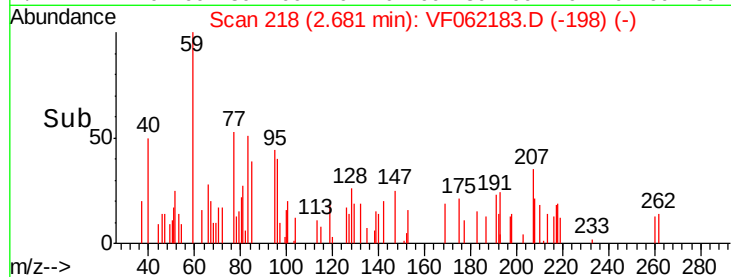
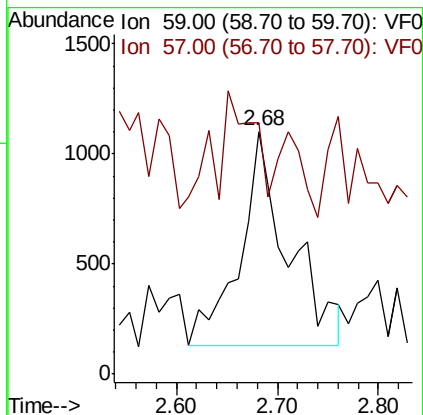
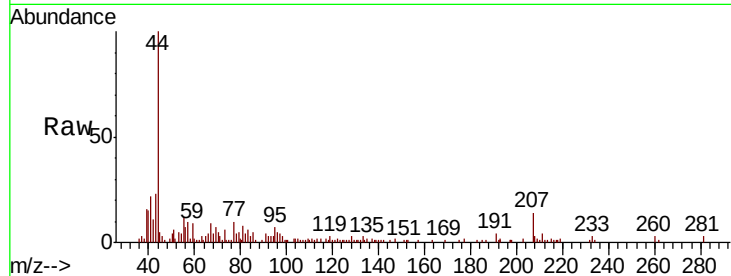


#11

Tert butyl alcohol
Concen: 15.701 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.00 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1ARE

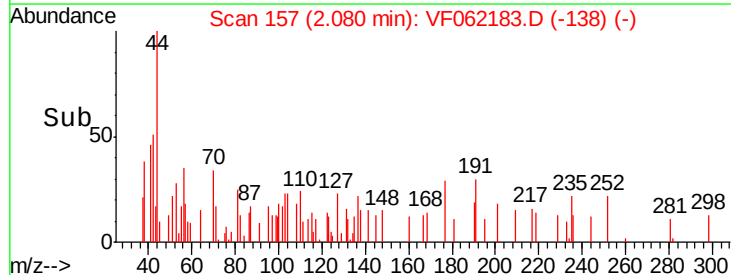
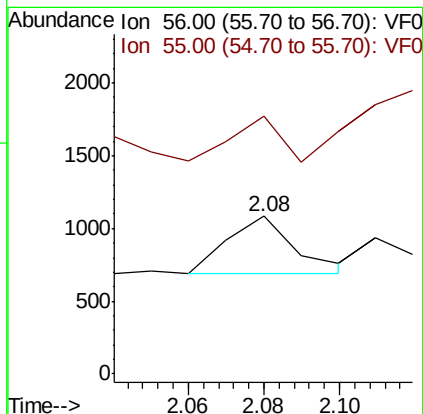
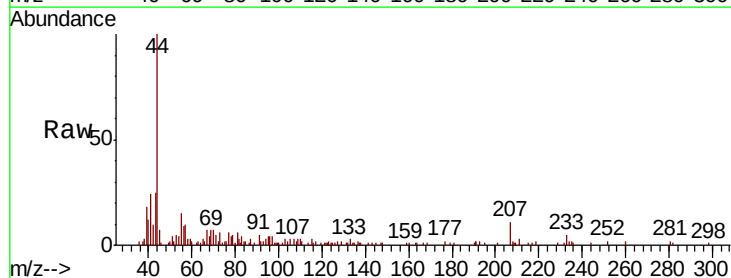
Tot Ion: 59 Resp: 3291
Ion Ratio Lower Upper
59 100
57 103.7 14.2 21.4#

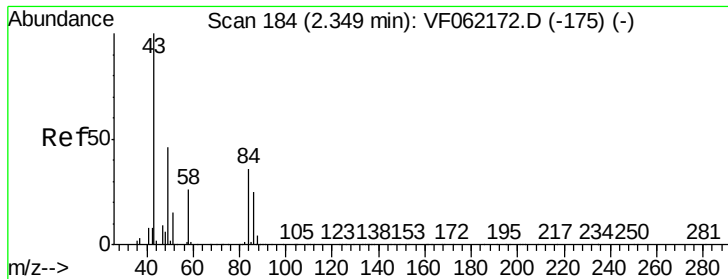


#13

Acrolein
Concen: 2.937 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

Tgt Ion: 56 Resp: 485
Ion Ratio Lower Upper
56 100
55 163.7 62.9 94.3#

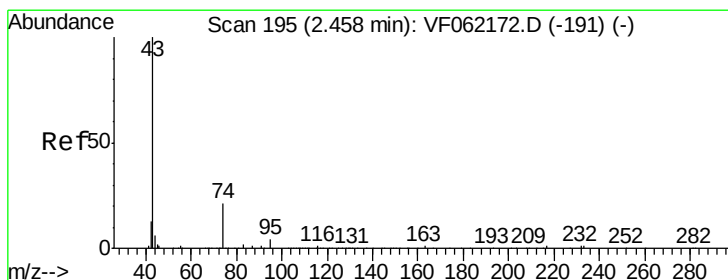
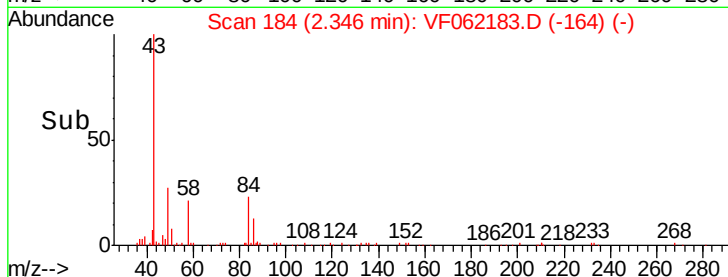
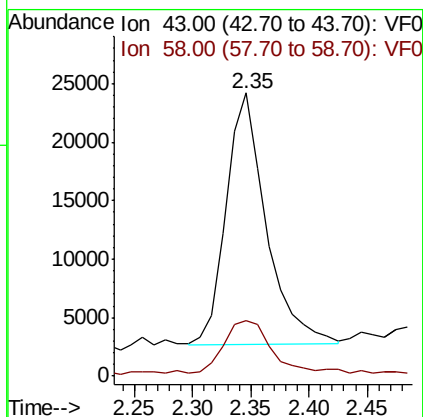
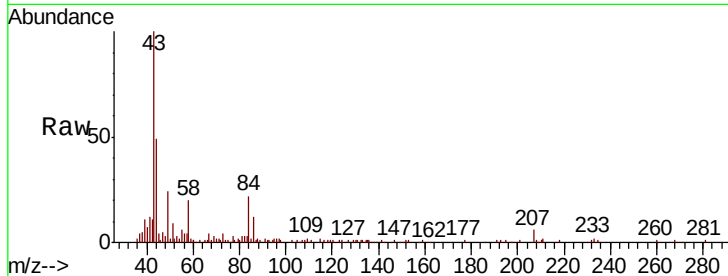




#16
Acetone
Concen: 60.432 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

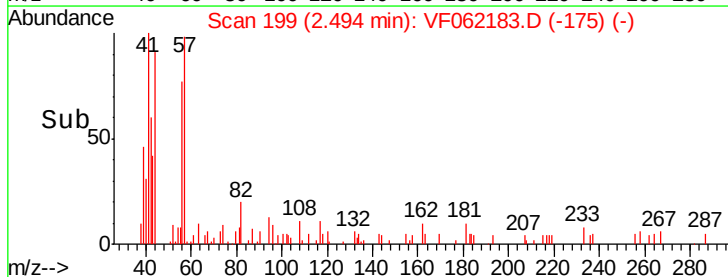
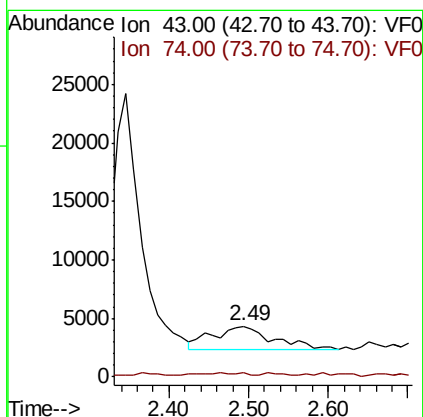
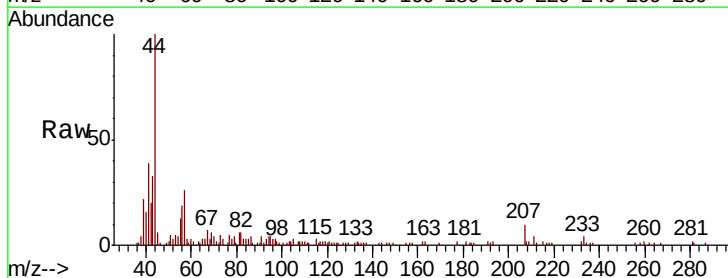
Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1ARE

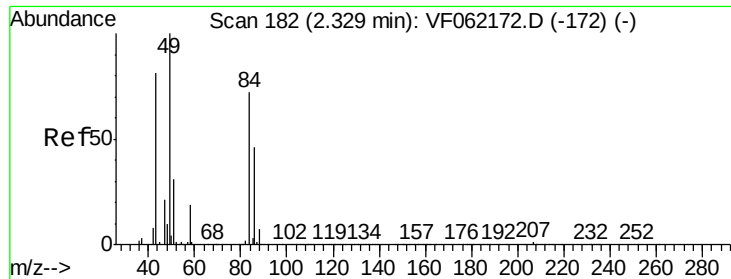
Tot Ion: 43 Resp: 51525
Ion Ratio Lower Upper
43 100
58 19.5 20.2 30.2#



#18
Methyl Acetate
Concen: 1.180 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.04 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

Tgt Ion: 43 Resp: 10066
Ion Ratio Lower Upper
43 100
74 9.8 14.2 21.4#

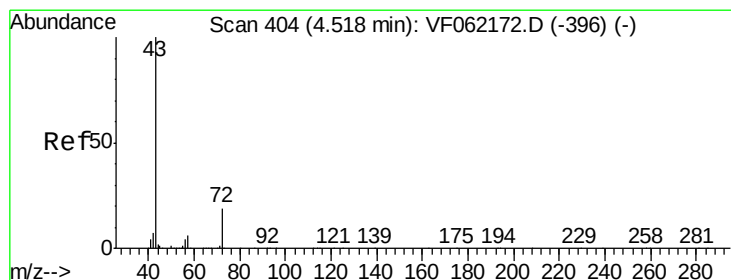
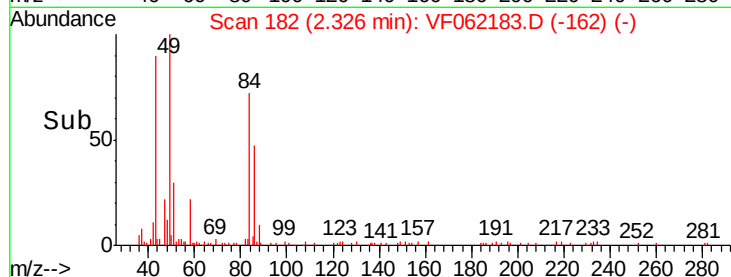
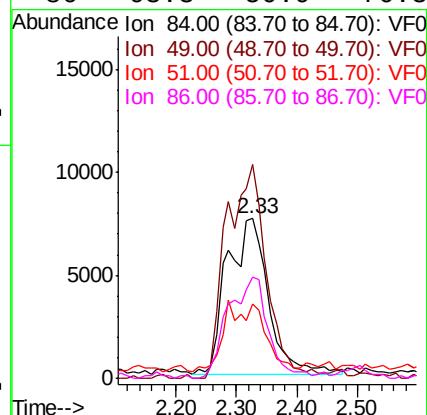
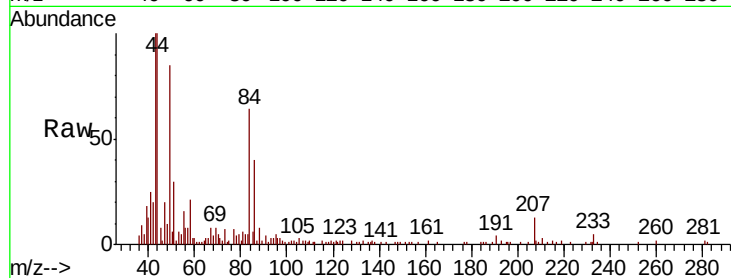




#20
Methvlene Chloride
Concen: 3.620 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.00 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

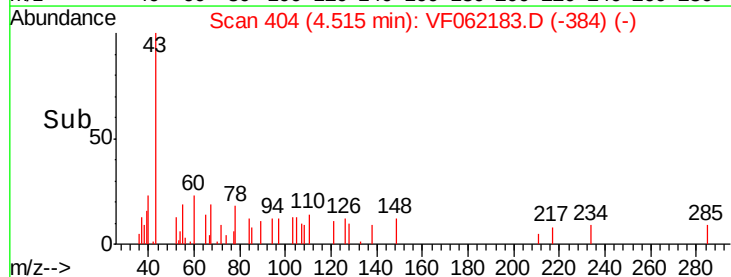
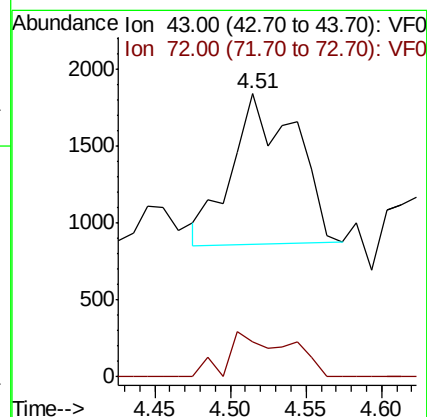
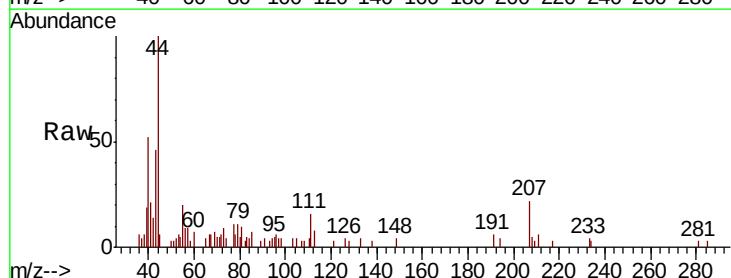
Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1ARE

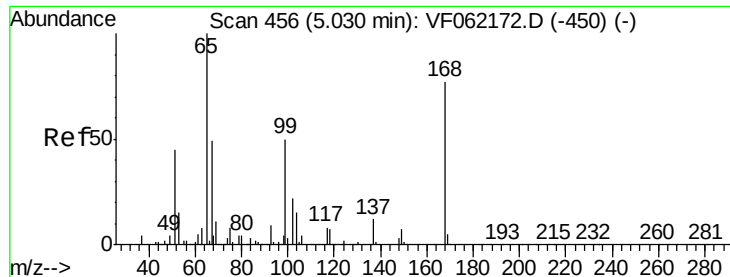
Tot Ion:	84	Resp:	36005
Ion	Ratio	Lower	Upper
84	100		
49	133.6	111.5	167.3
51	46.5	34.9	52.3
86	63.3	50.9	76.3



#25
2-Butanone
Concen: 1.566 ug/l
RT: 4.51 min Scan# 404
Delta R.T. -0.00 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

Tgt Ion:	43	Resp:	2868
Ion	Ratio	Lower	Upper
43	100		
72	12.3	15.4	23.2#

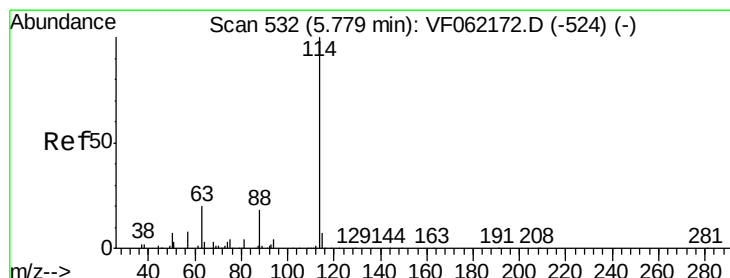
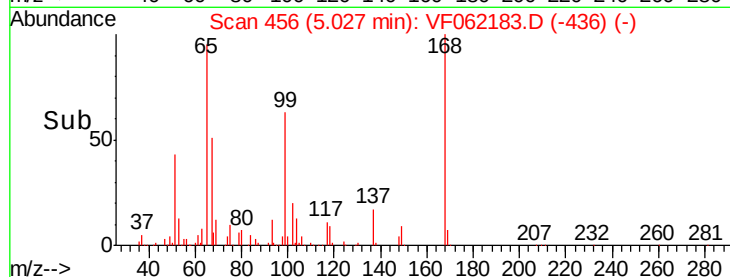
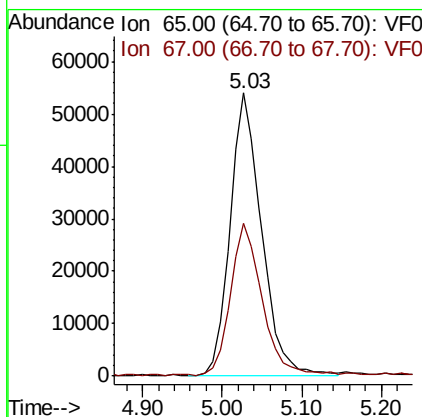
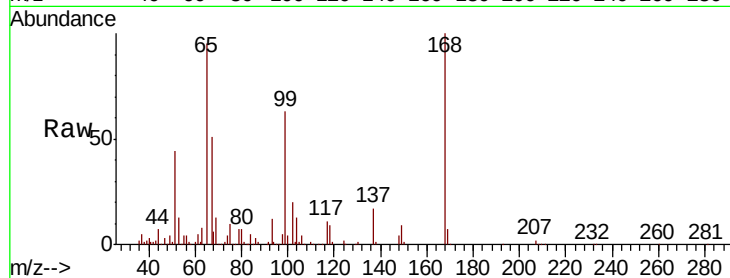




#33
 1,2-Dichloroethane-d4
 Concen: 39.445 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: VF062183.D
 Acq: 16 Apr 2019 18:41

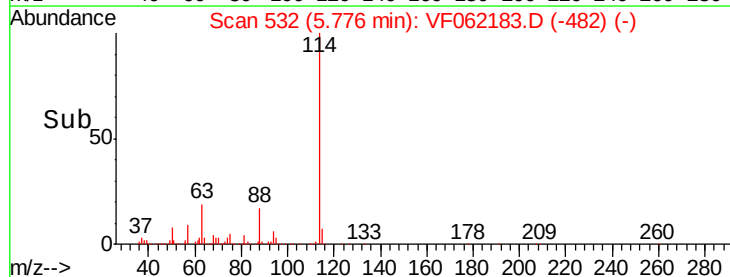
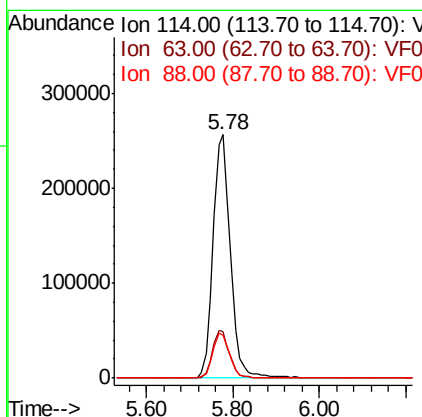
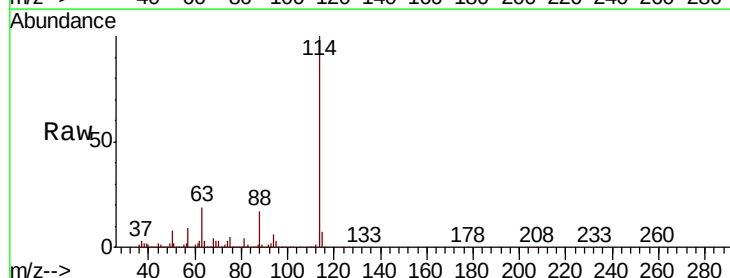
Instrument :
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 ClientSampleId :
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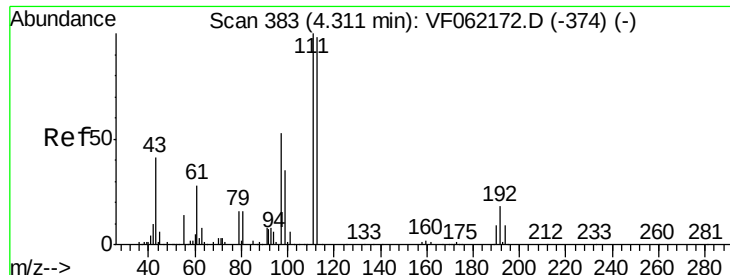
Tot Ion: 65 Resp: 149160
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VF062183.D
 Acq: 16 Apr 2019 18:41

Tgt Ion: 114 Resp: 715446
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 17.3 0.0 36.6



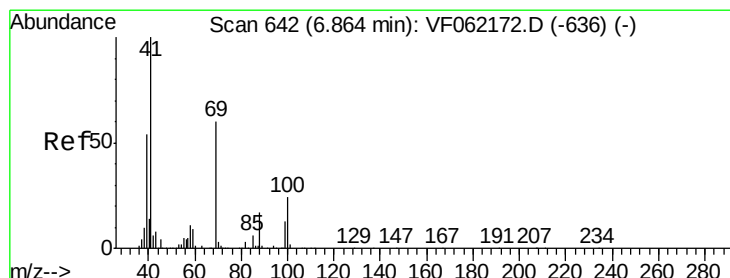
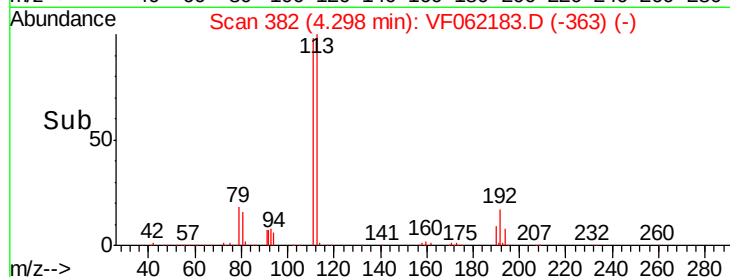
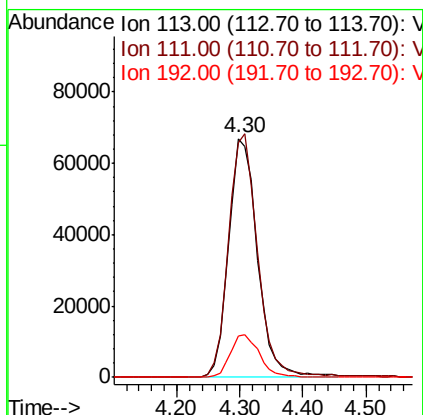
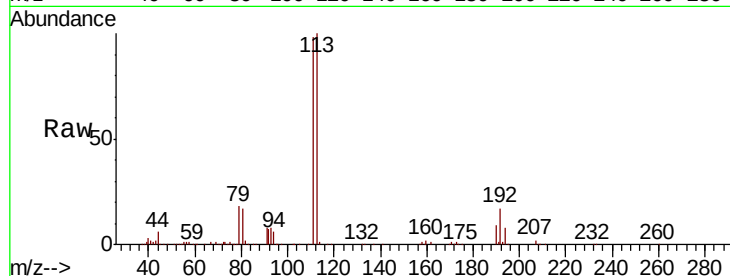


#35
Dibromofluoromethane
Concen: 37.540 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1ARE

Tot Ion:113 Resp: 211862

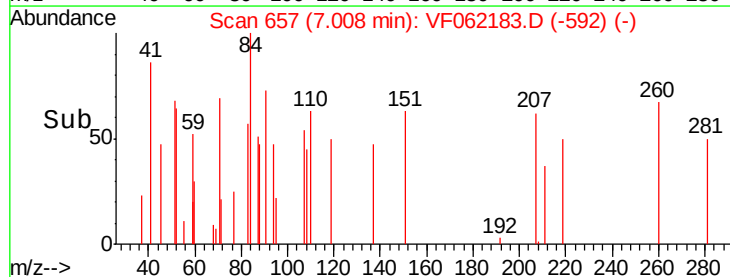
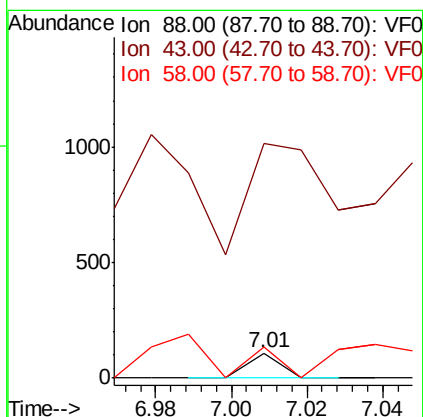
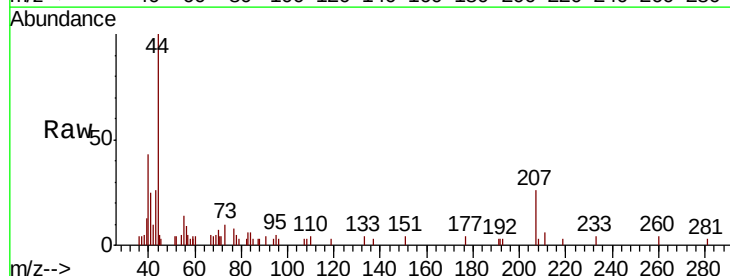
Ion	Ratio	Lower	Upper
113	100		
111	98.5	81.6	122.4
192	17.2	15.0	22.4

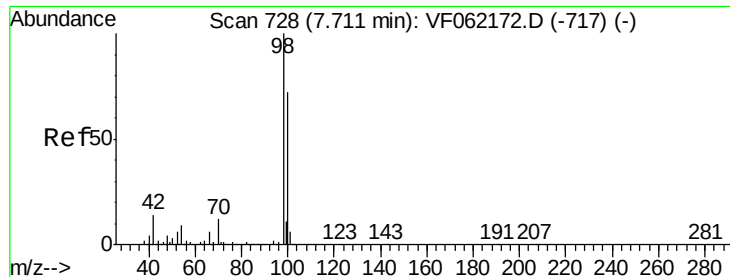


#49
1,4-Dioxane
Concen: 2.918 ug/l
RT: 7.01 min Scan# 657
Delta R.T. 0.14 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	950.5	49.5	74.3#
58	123.4	52.6	79.0#

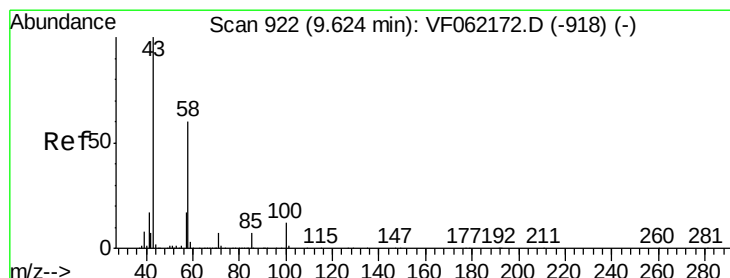
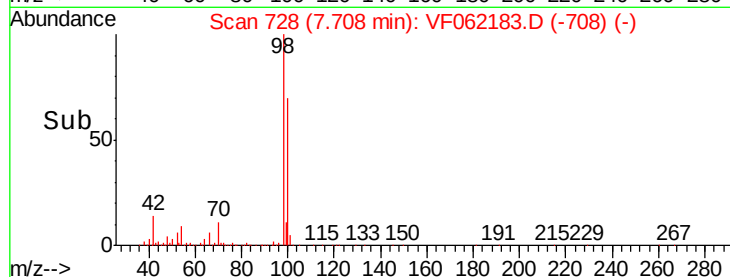
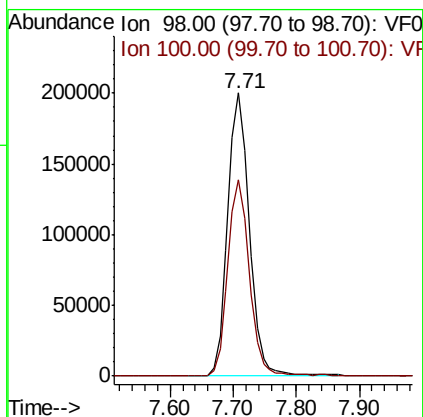
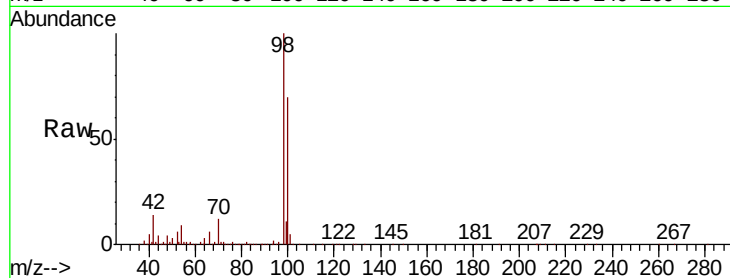




#50
Toluene-d8
Concen: 28.918 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

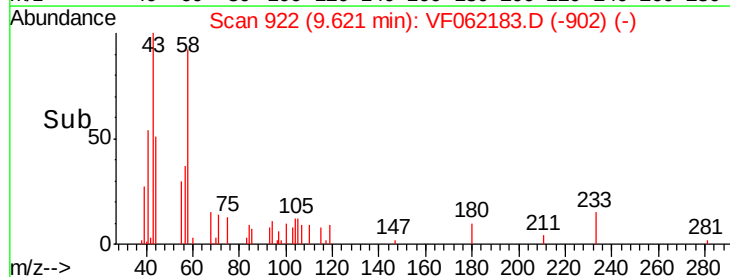
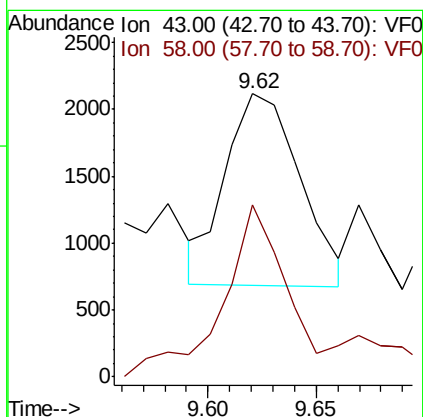
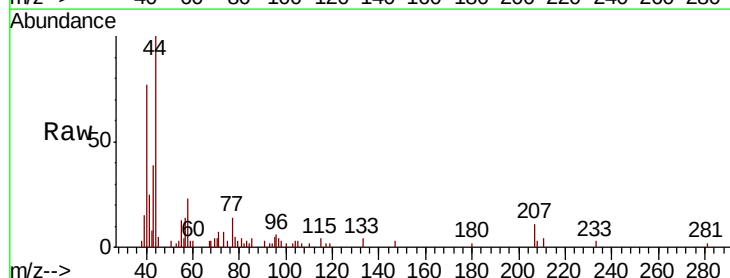
Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1ARE

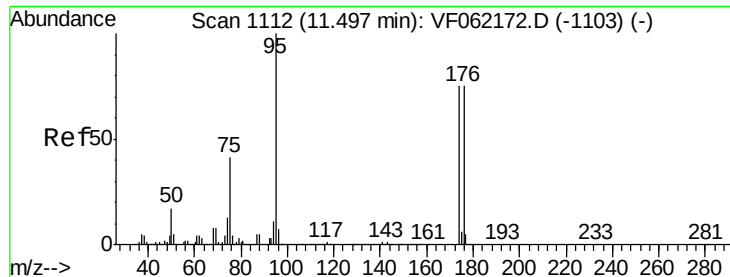
Tot Ion: 98 Resp: 476924
Ion Ratio Lower Upper
98 100
100 69.6 57.4 86.0



#59
2-Hexanone
Concen: 1.668 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

Tgt Ion: 43 Resp: 3457
Ion Ratio Lower Upper
43 100
58 60.7 26.8 80.4





#62

4-Bromofluorobenzene

Concen: 33.536 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF062183.D

Acq: 16 Apr 2019 18:41

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-01-E1-E1A-F1-F1ARE

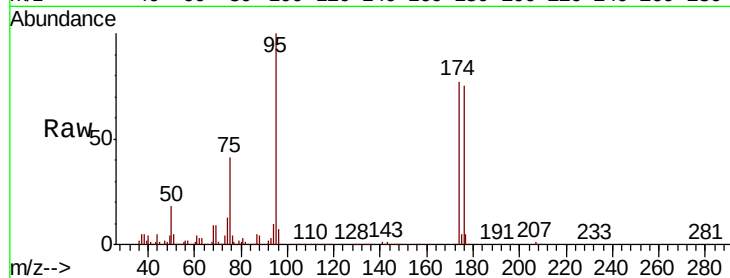
Tot Ion: 95 Resp: 218416

Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.2

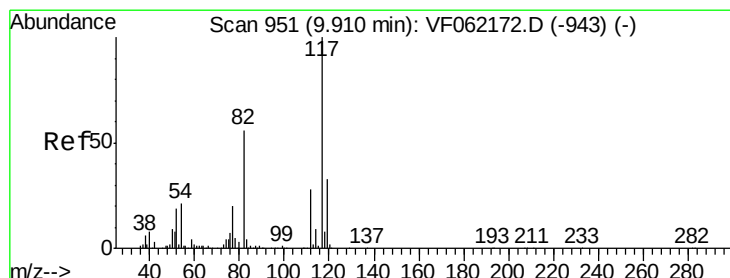
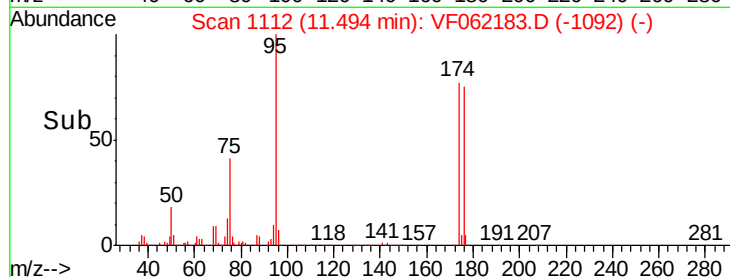
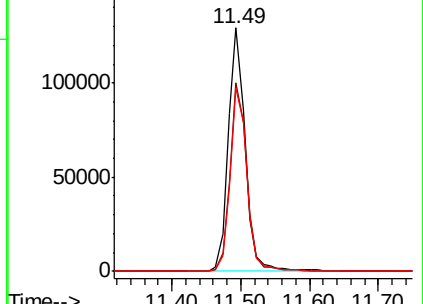
176 75.3 0.0 149.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.00 min

Lab File: VF062183.D

Acq: 16 Apr 2019 18:41

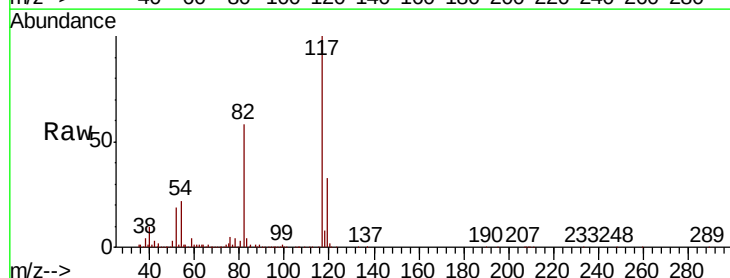
Tgt Ion: 117 Resp: 563220

Ion Ratio Lower Upper

117 100

82 58.0 45.2 67.8

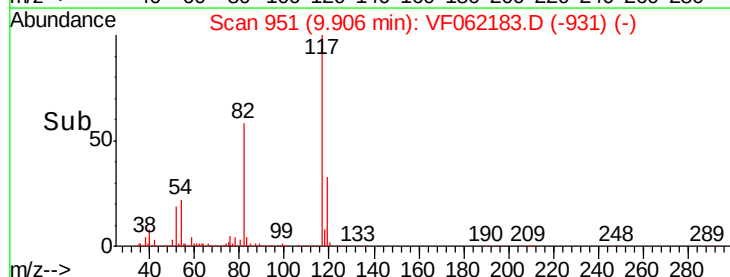
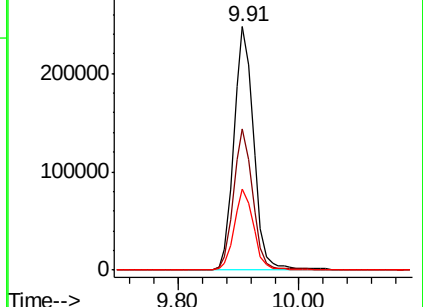
119 33.4 26.6 39.8

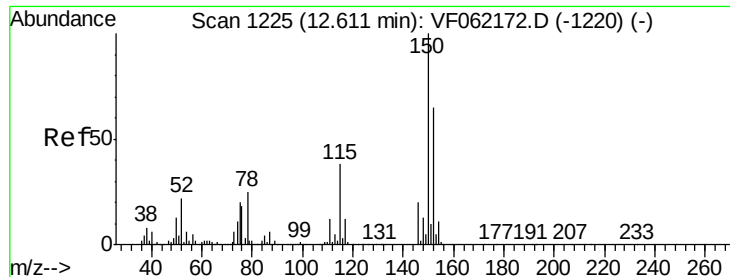


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



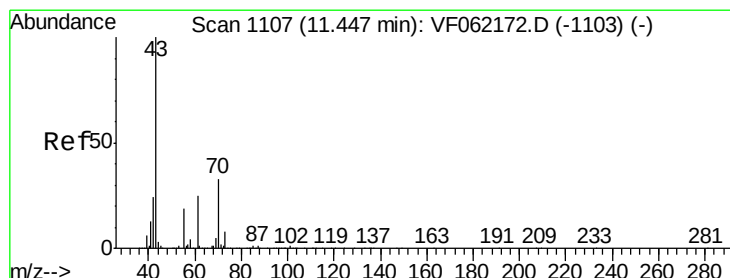
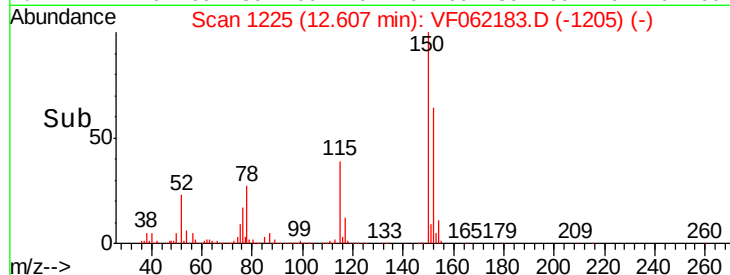
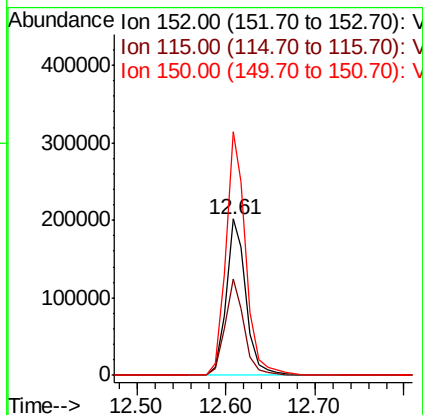
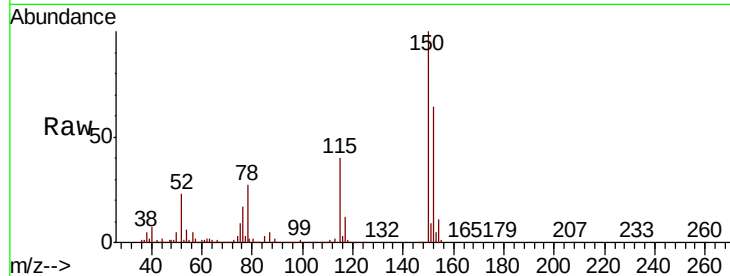


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1ARE

Tot Ion:152 Resp: 317728
Ion Ratio Lower Upper
152 100
115 61.6 29.0 87.1
150 155.6 0.0 309.2



#74

N-amil acetate
Concen: Below Cal
RT: 11.44 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VF062183.D
Acq: 16 Apr 2019 18:41

Tgt Ion: 43 Resp: 2856
Ion Ratio Lower Upper
43 100
70 22.1 26.6 39.8#
55 29.6 15.0 22.6#
61 18.6 20.0 30.0#

