

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052819\
 Data File : VF062758.D
 Acq On : 28 May 2019 14:00
 Operator : FY/SY
 Sample : K3052-04RE
 Misc : 5.07g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-03-007-BRE

Quant Time: May 29 02:10:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

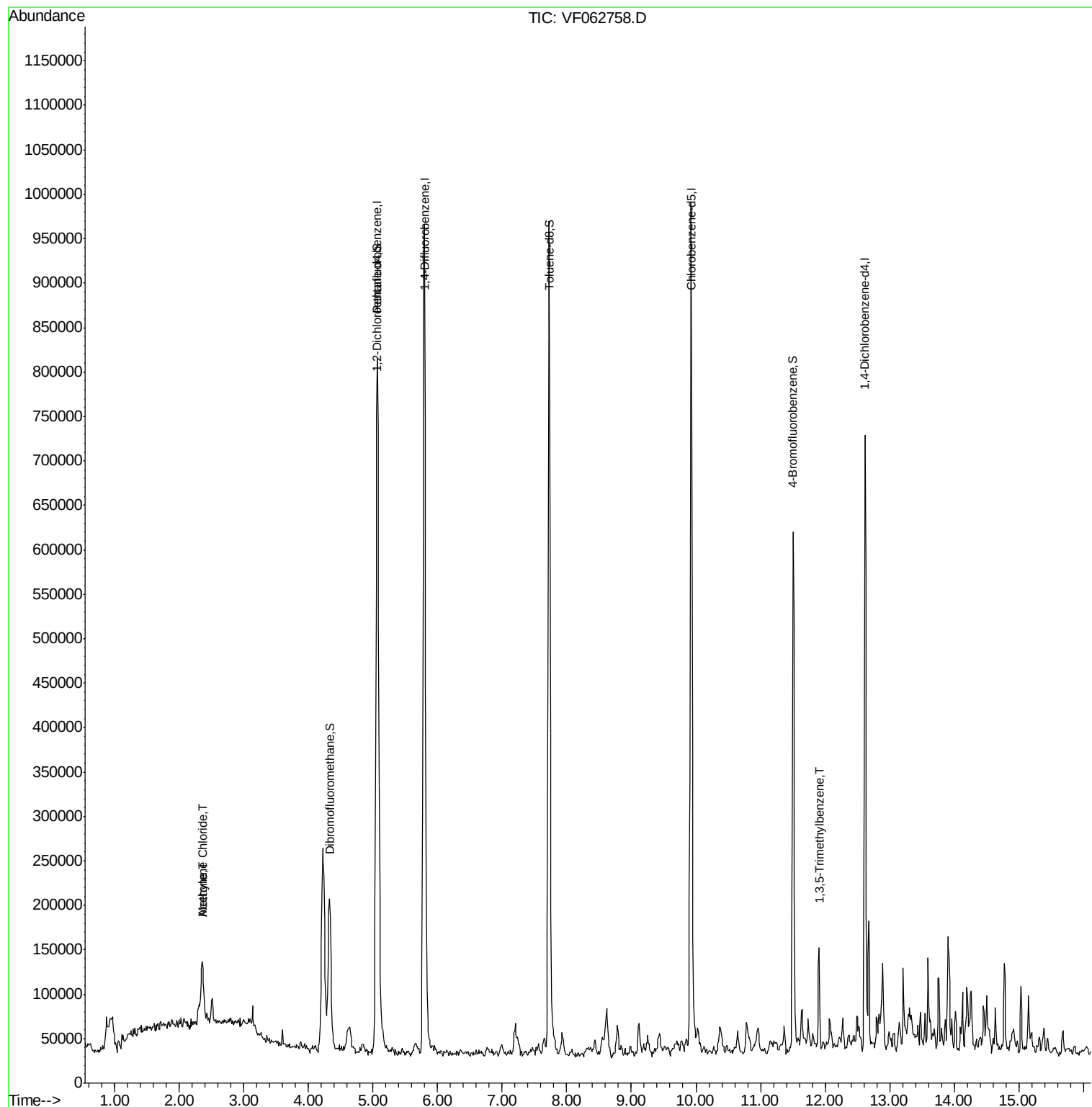
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	689298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1249965	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	713851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	184417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	243275	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
35) Dibromofluoromethane	4.33	113	159851	16.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.42%	
50) Toluene-d8	7.73	98	821255	35.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.92%	
62) 4-Bromofluorobenzene	11.50	95	221383	25.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.12%	
Target Compounds						
16) Acetone	2.36	43	71452	56.543	ug/l #	82
20) Methylene Chloride	2.35	84	49795	7.861	ug/l #	87
80) 1,3,5-Trimethylbenzene	11.91	105	59443	5.609	ug/l	92

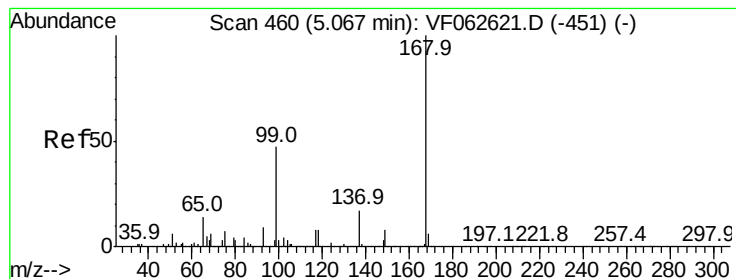
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062758.D

Acq: 28 May 2019 14:00

Instrument :

MSVOA_F

ClientSampleId :

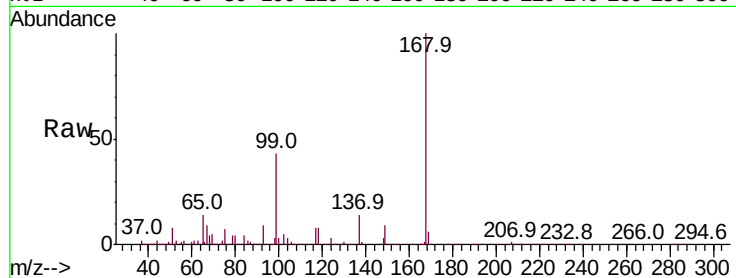
FK-SF-03-007-BRE

Tot Ion:168 Resp: 689298

Ion Ratio Lower Upper

168 100

99 43.0 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

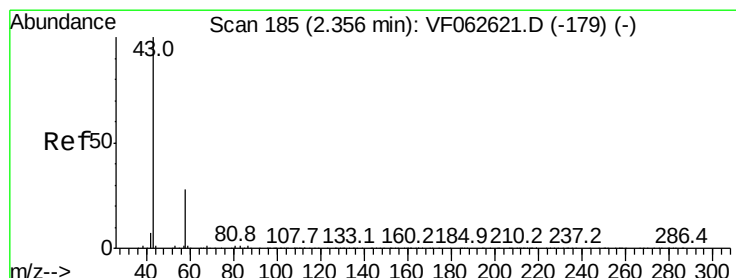
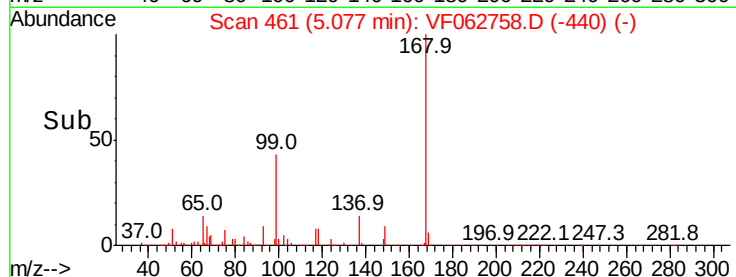
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 56.543 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062758.D

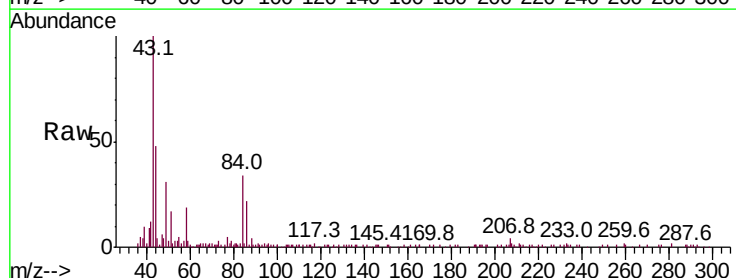
Acq: 28 May 2019 14:00

Tgt Ion: 43 Resp: 71452

Ion Ratio Lower Upper

43 100

58 18.9 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

30000

25000

20000

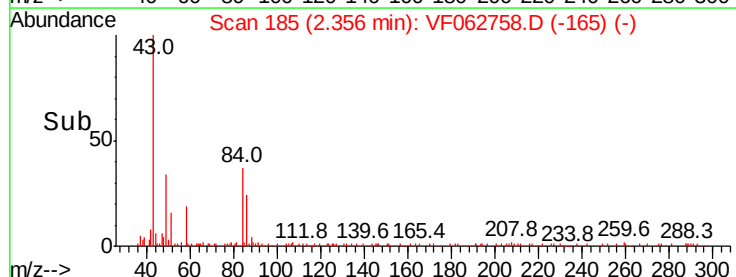
15000

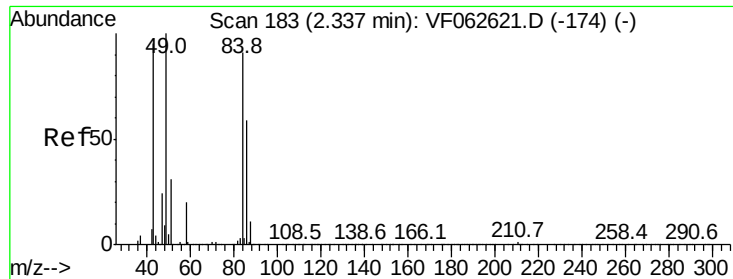
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5000

0

Time-->

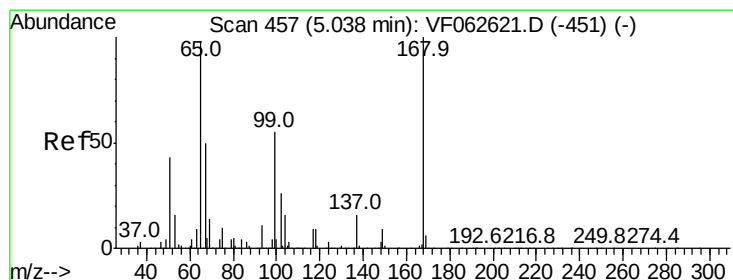
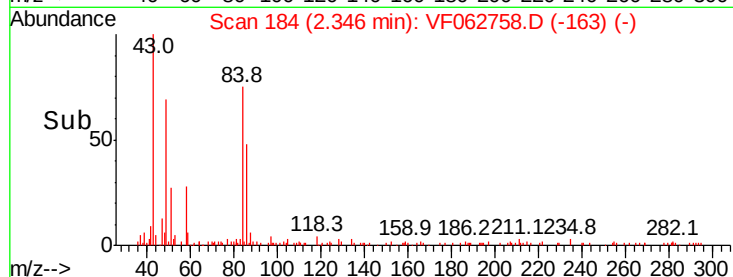
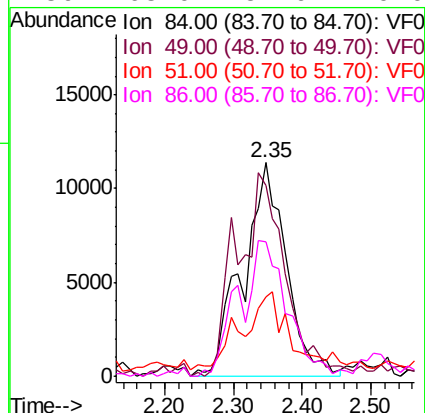
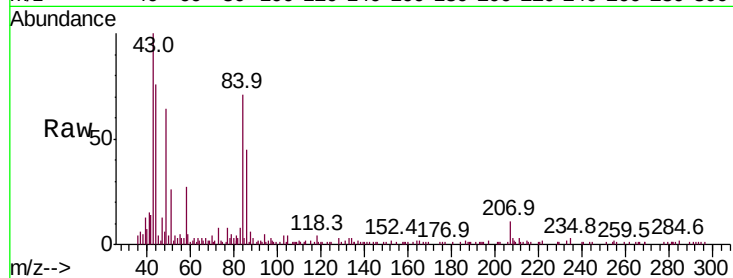




#20
Methylene Chloride
Concen: 7.861 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

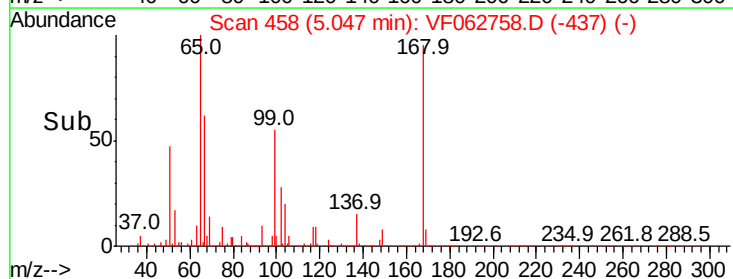
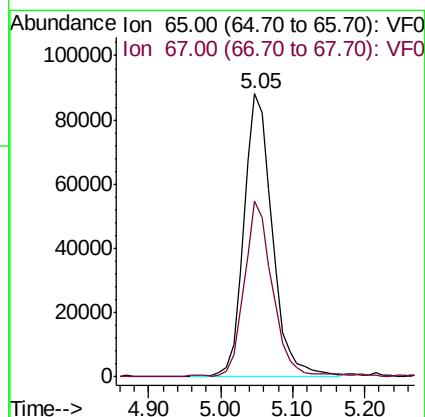
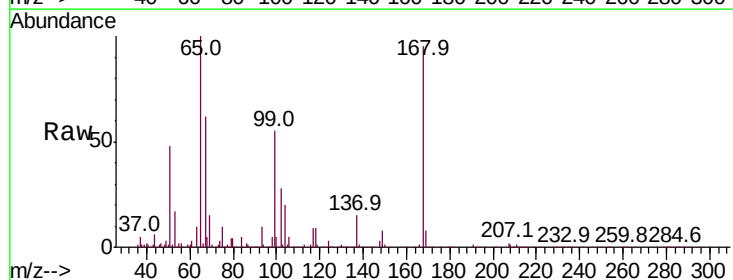
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

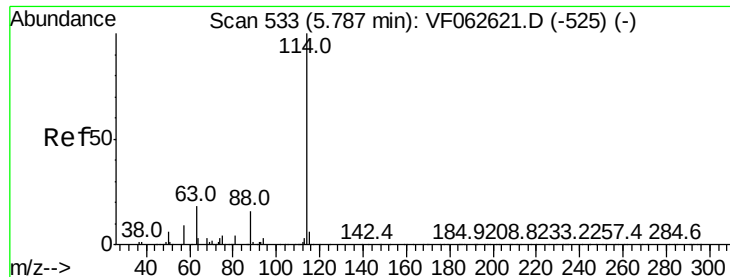
Tot Ion:	84	Resp:	49795
Ion	Ratio	Lower	Upper
84	100		
49	89.6	89.8	134.8#
51	37.0	28.4	42.6
86	63.0	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 49.944 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion:	65	Resp:	243275
Ion	Ratio	Lower	Upper
65	100		
67	62.0	0.0	117.6

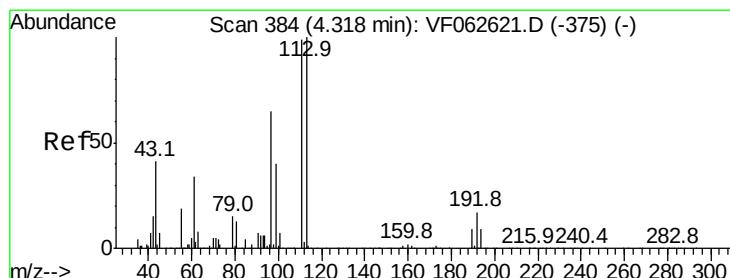
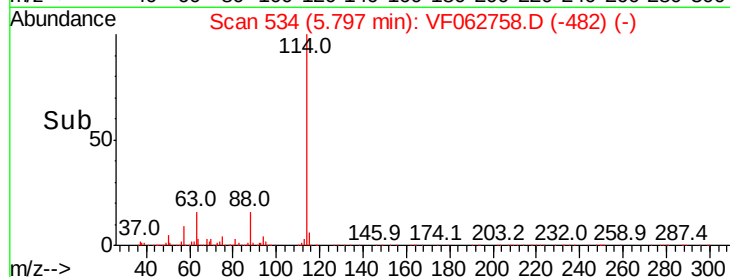
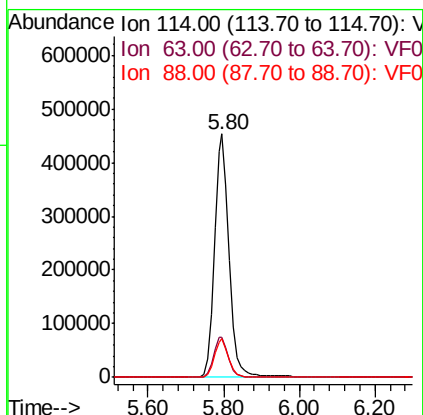
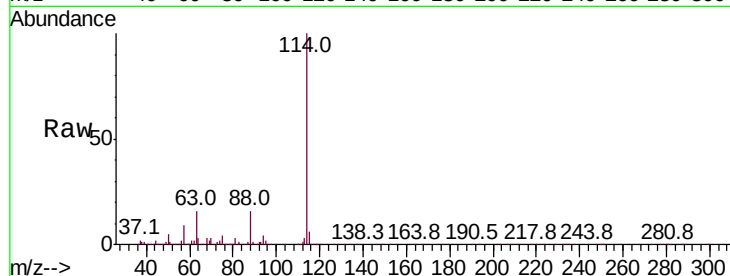




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

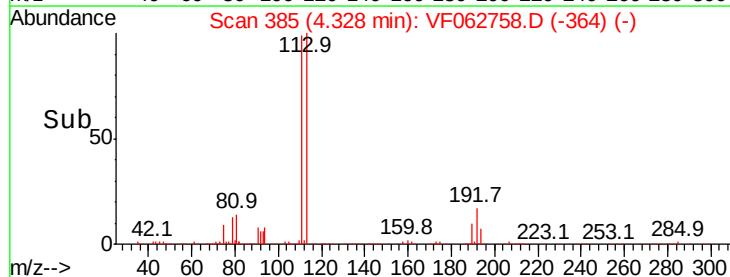
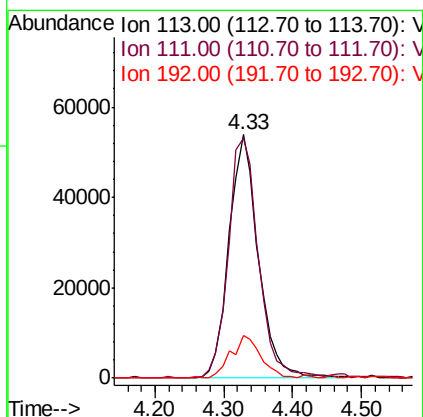
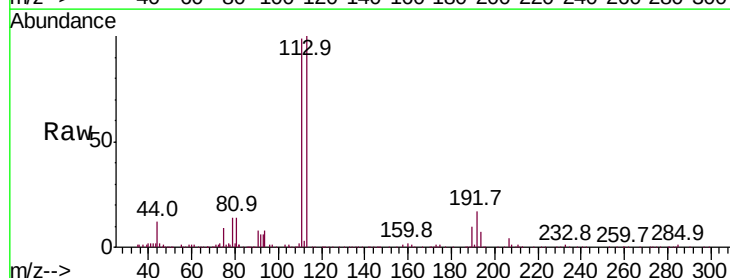
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

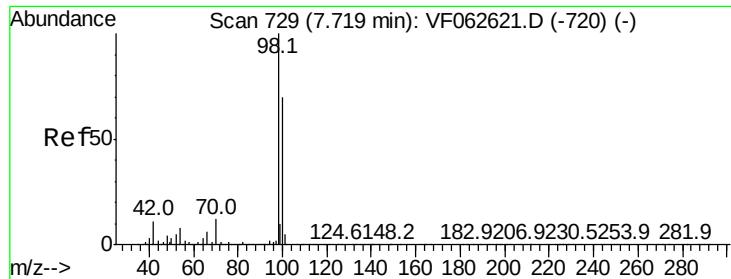
Tot Ion:114 Resp: 1249965
Ion Ratio Lower Upper
114 100
63 16.2 0.0 35.4
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 16.712 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion:113 Resp: 159851
Ion Ratio Lower Upper
113 100
111 98.6 79.4 119.2
192 17.5 13.4 20.2

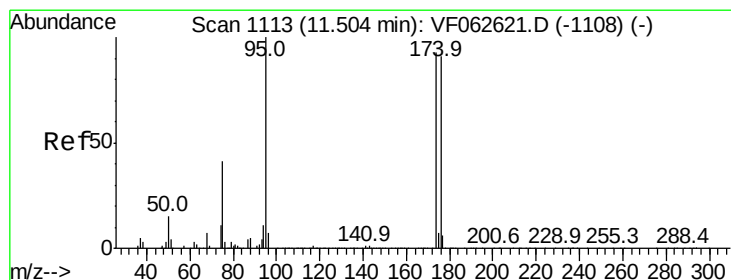
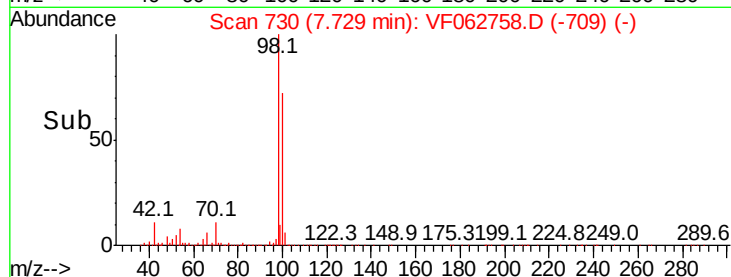
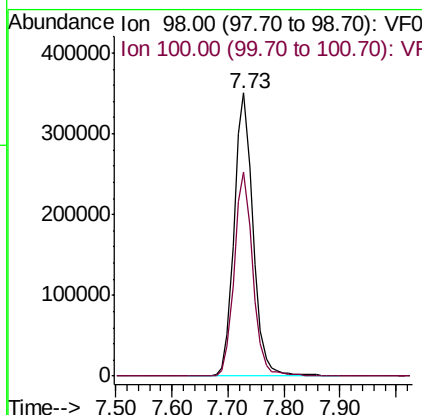
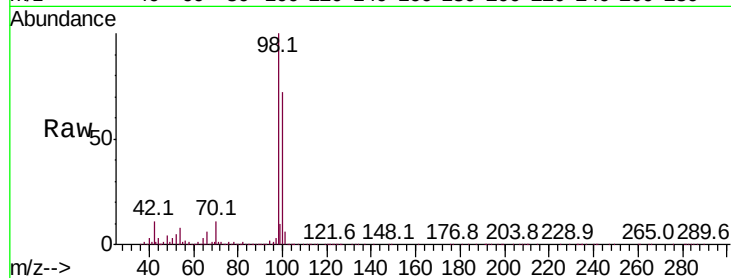




#50
Toluene-d8
Concen: 35.962 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

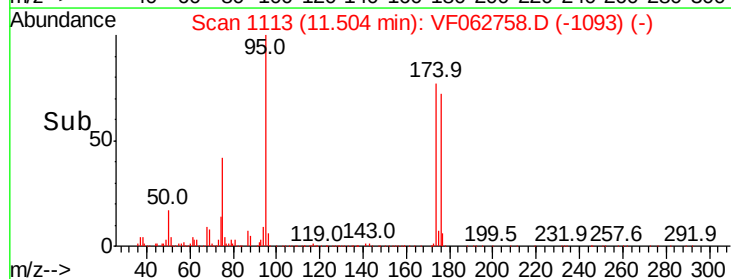
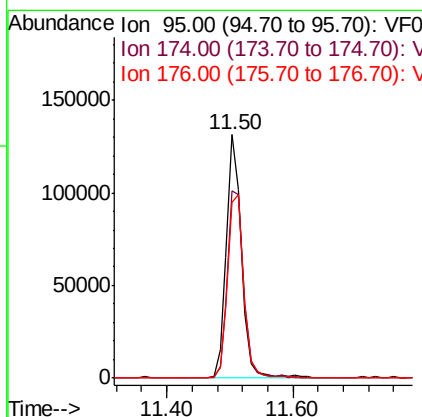
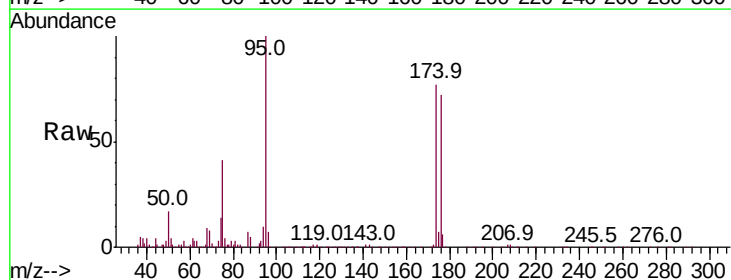
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ClientSampleId :
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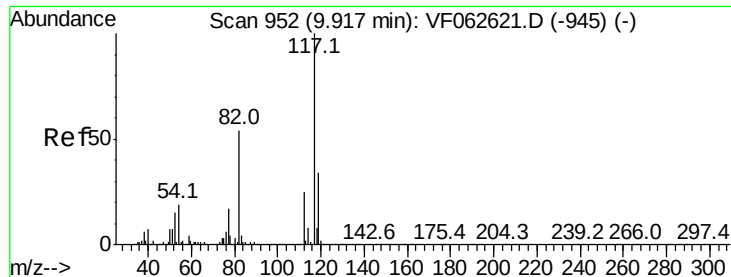
Tot Ion: 98 Resp: 821255
Ion Ratio Lower Upper
98 100
100 72.1 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 25.560 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 95 Resp: 221383
Ion Ratio Lower Upper
95 100
174 76.7 0.0 185.6
176 72.1 0.0 182.4

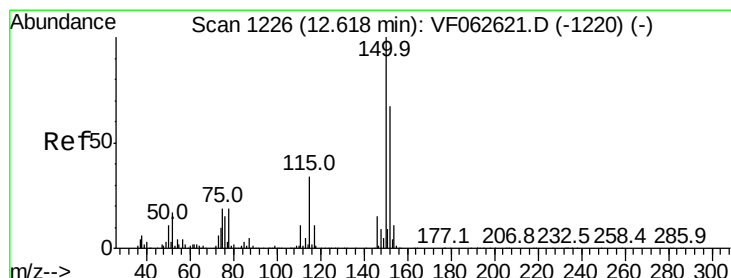
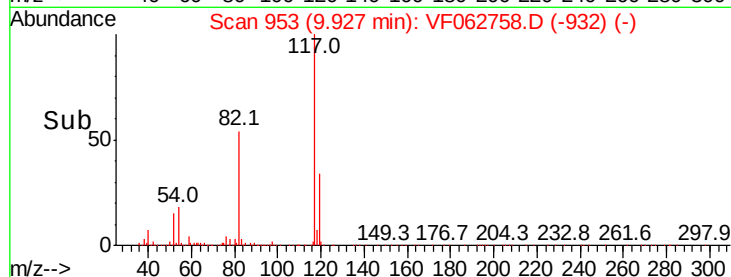
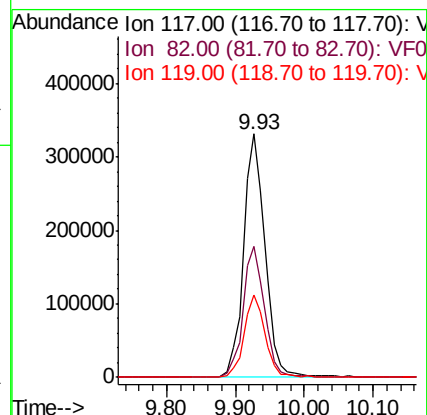
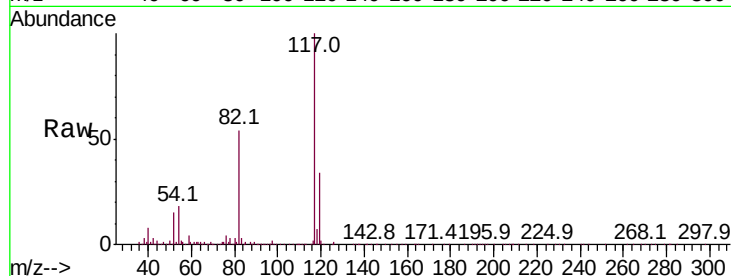




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

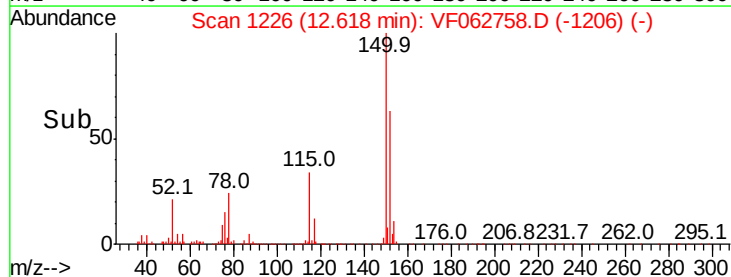
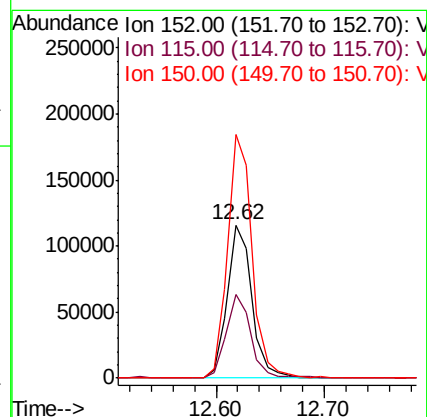
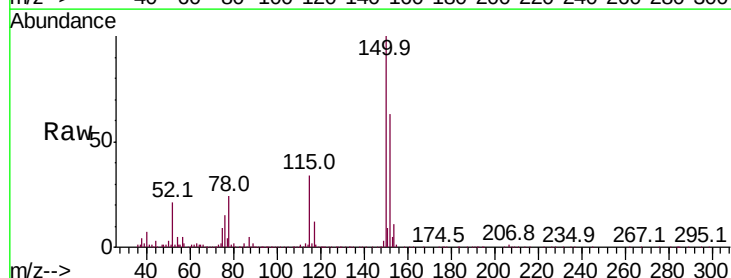
Instrument :
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ClientSampleId :
FK-SF-03-007-BRE

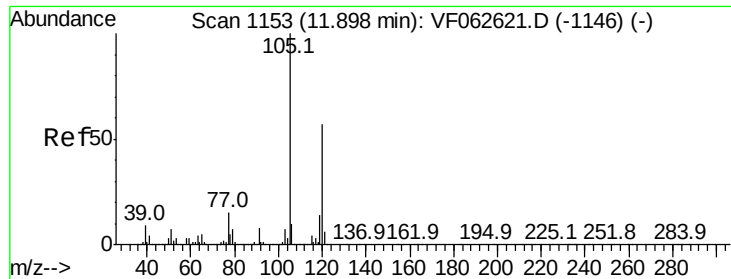
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.3	64.9
119	33.6	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	25.2	75.6
150	159.3	0.0	306.2





#80

1,3,5-Trimethylbenzene

Concen: 5.609 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.01 min

Lab File: VF062758.D

Acq: 28 May 2019 14:00

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-03-007-BRE

Tot Ion:105 Resp: 59443

Ion Ratio Lower Upper

105 100

120 51.5 28.7 86.3

