

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062062.D
 Acq On : 21 Mar 2019 15:57
 Operator : VA/AP
 Sample : K1688-29
 Misc : 5.55g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-031919-E

Manual Integrations
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Quant Time: Mar 22 08:31:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	270470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	425557	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	323608	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	153630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	99694	51.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	4.11	113	142200	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	7.56	98	358533	42.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.84%	
62) 4-Bromofluorobenzene	11.42	95	143608	43.27	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.54%	
Target Compounds						
16) Acetone	2.24	43	16204m	37.064	ug/l	Qvalue
20) Methylene Chloride	2.24	84	22594m	9.905	ug/l	

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

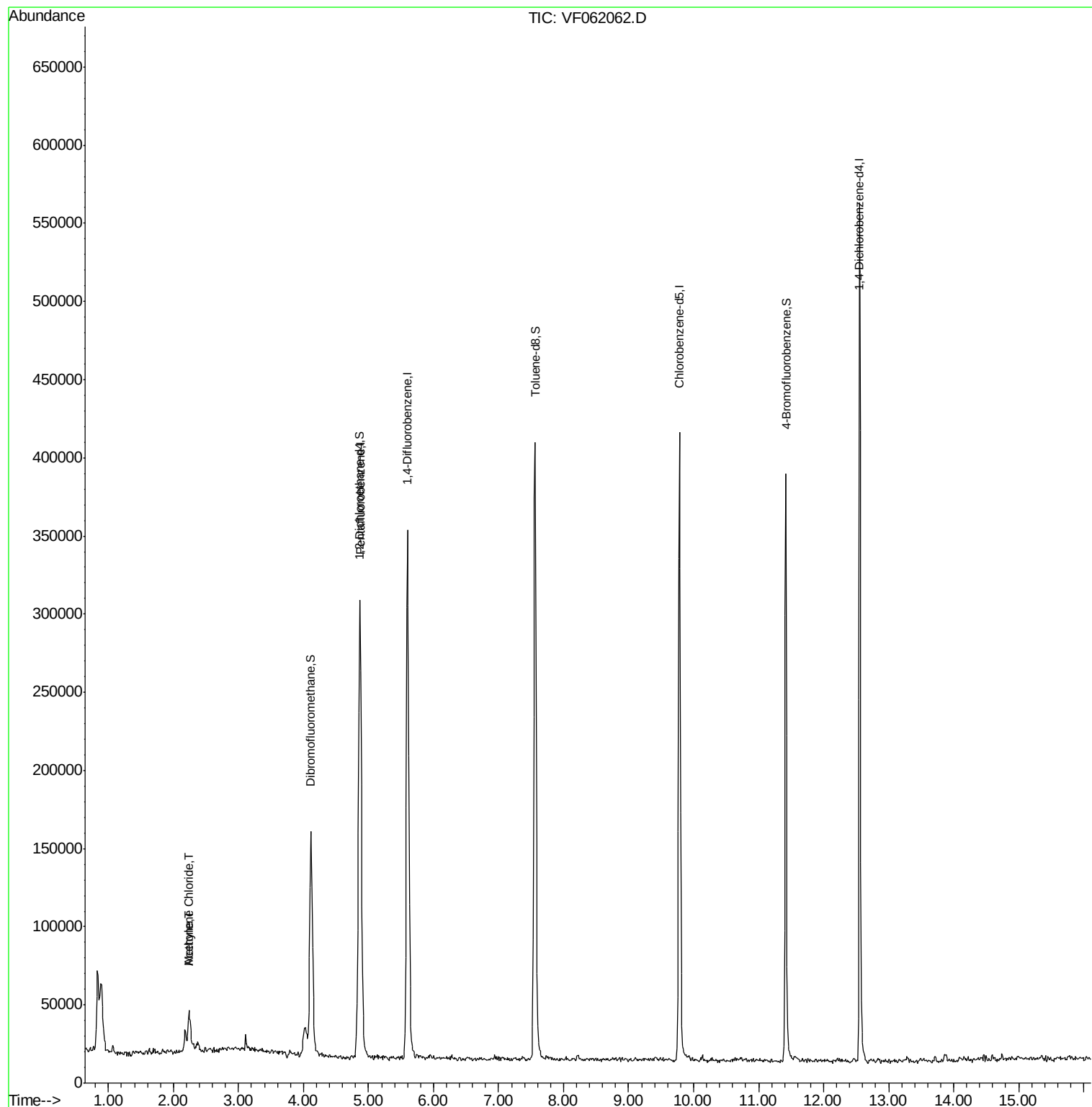
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Data File : VF062062.D
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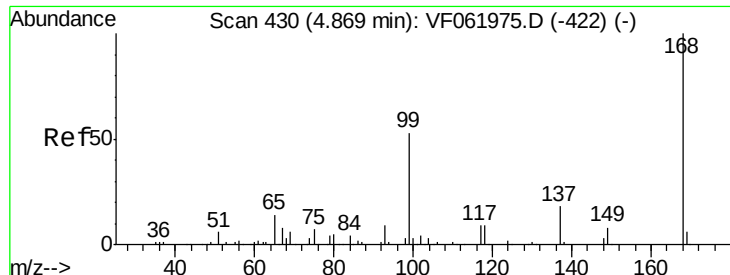
Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Quant Time: Mar 22 08:31:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF062062.D

Acq: 21 Mar 2019 15:57

Instrument :

MSVOA_F

ClientSampleId :

JC-02-031919-E

Tot Ion:168 Resp: 270470

Ion Ratio Lower Upper

168 100

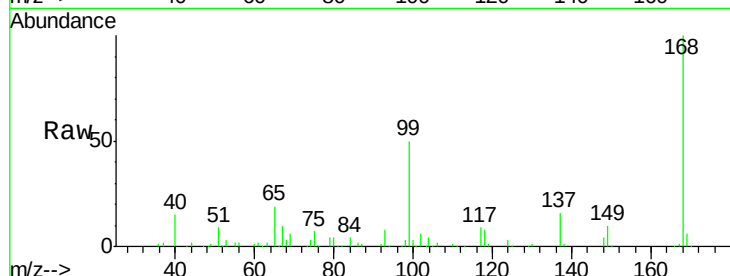
99 50.1 42.4 63.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

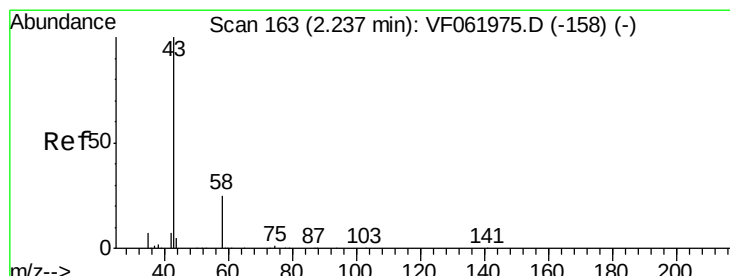
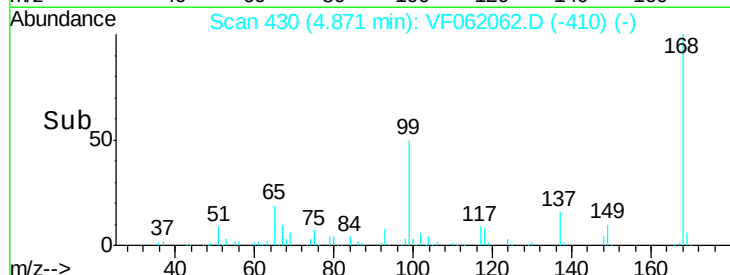
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 37.064 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF062062.D

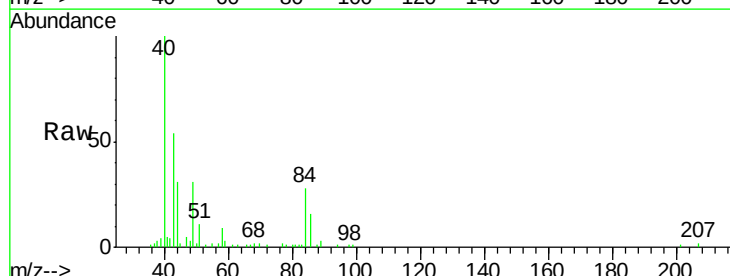
Acq: 21 Mar 2019 15:57

Tgt Ion: 43 Resp: 16204

Ion Ratio Lower Upper

43 100

58 16.7 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

8000

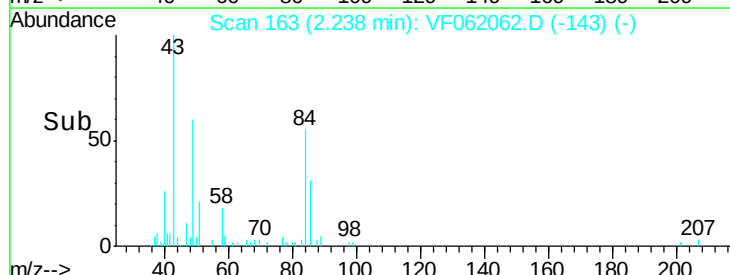
6000

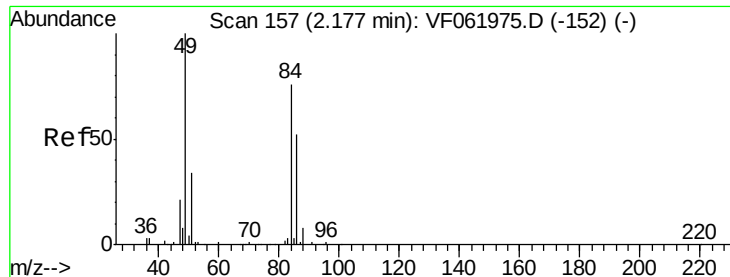
4000

2000

0

Time--> 2.20 2.25 2.30





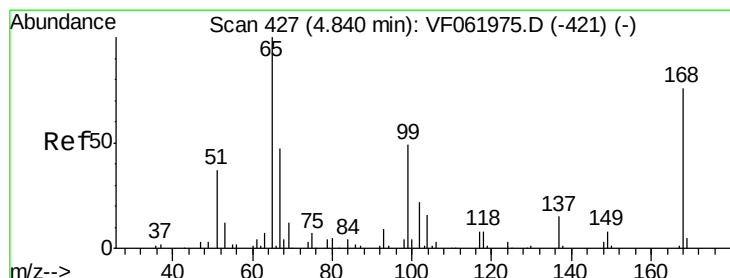
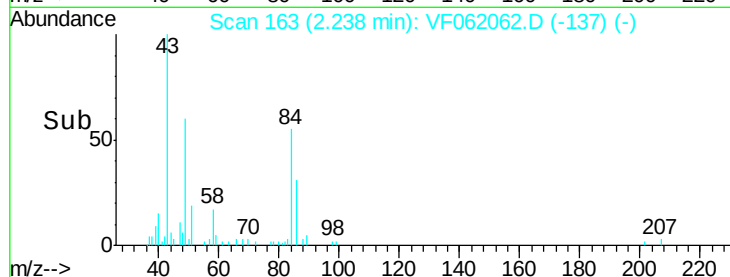
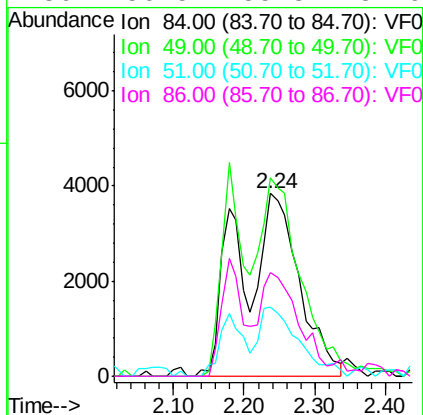
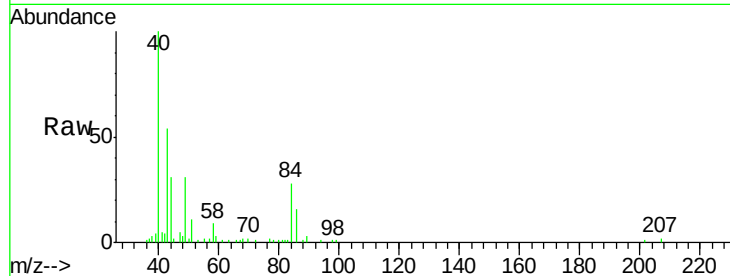
#20
Methylene Chloride
Concen: 9.905 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. 0.06 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Tot Ion	Ratio	Lower	Upper
84	100		
49	108.4	107.0	160.6
51	37.9	37.2	55.8
86	56.5	55.3	82.9

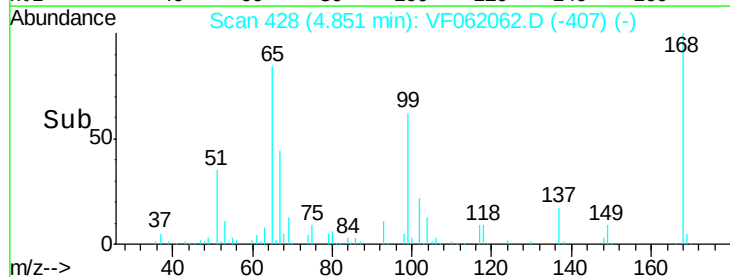
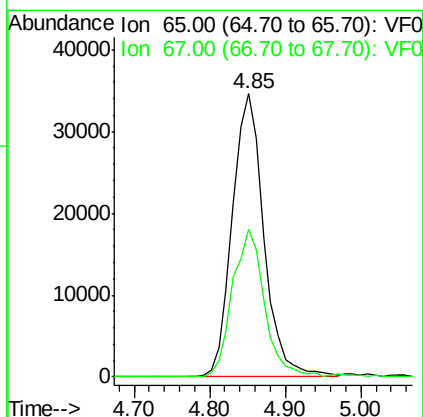
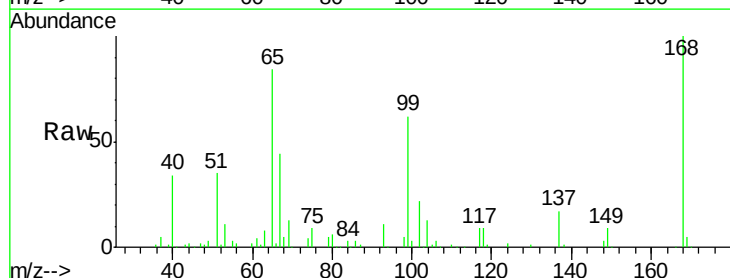
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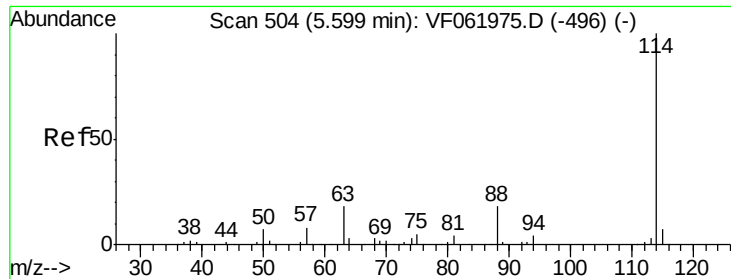
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#33
1,2-Dichloroethane-d4
Concen: 51.205 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	109.4





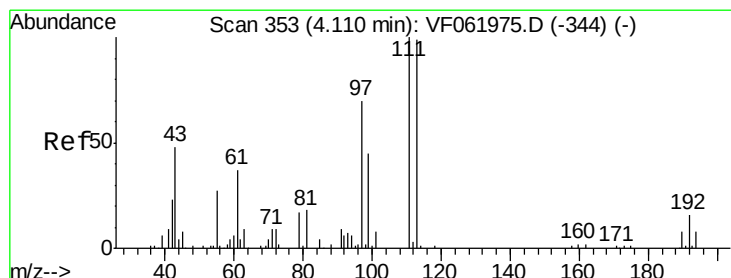
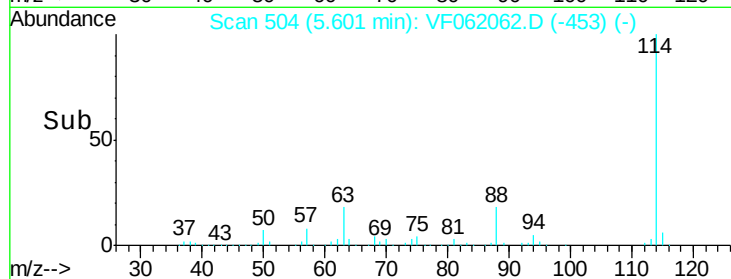
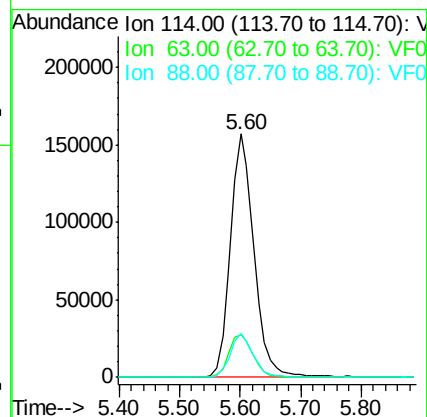
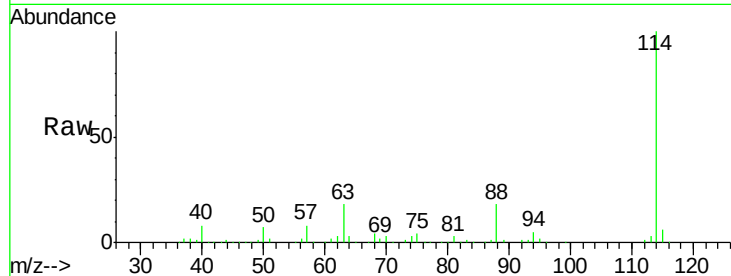
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VF062062.D
 Acq: 21 Mar 2019 15:57

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-031919-E

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	17.7	0.0	36.4
88	18.3	0.0	36.4

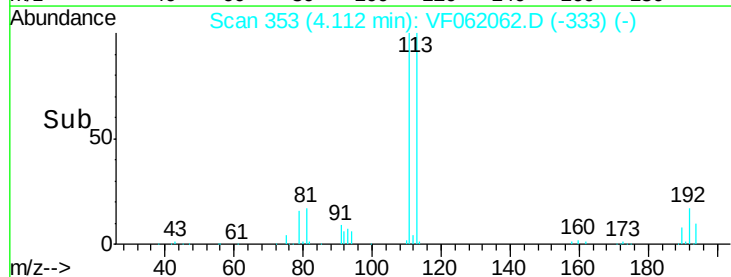
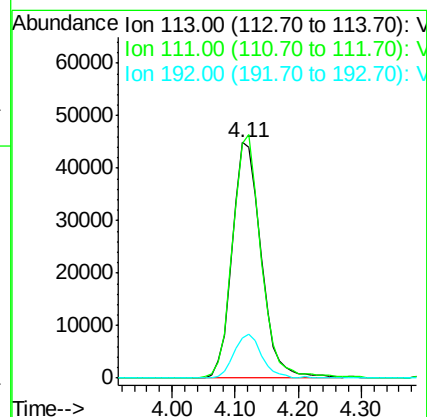
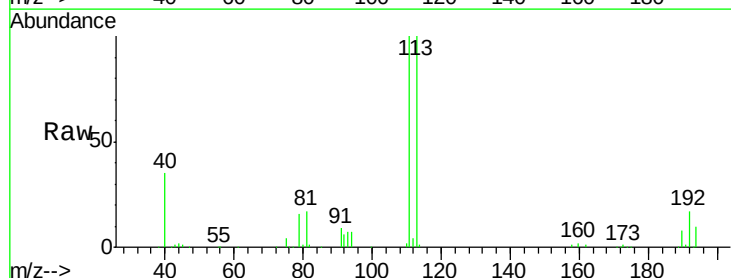
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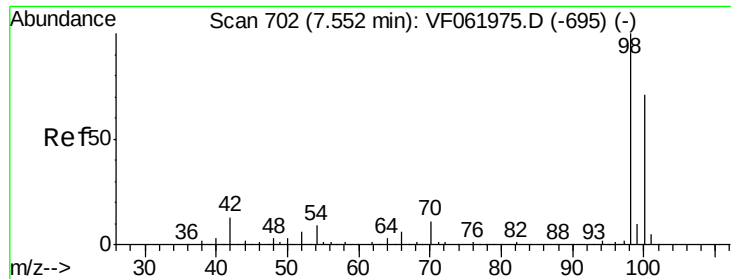
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#35
 Dibromofluoromethane
 Concen: 49.760 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VF062062.D
 Acq: 21 Mar 2019 15:57

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	99.5	80.8	121.2
192	17.2	13.0	19.6





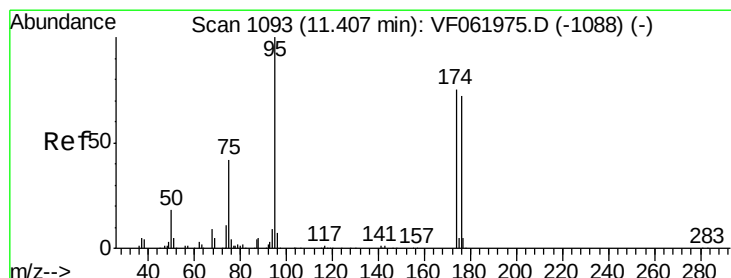
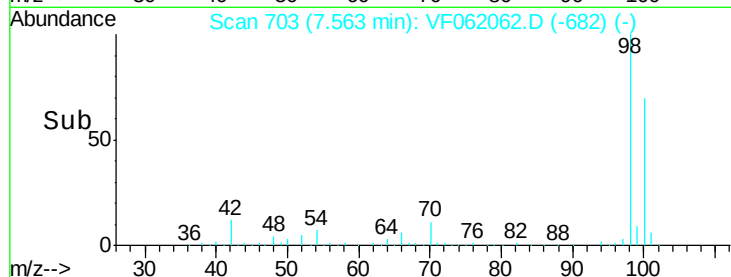
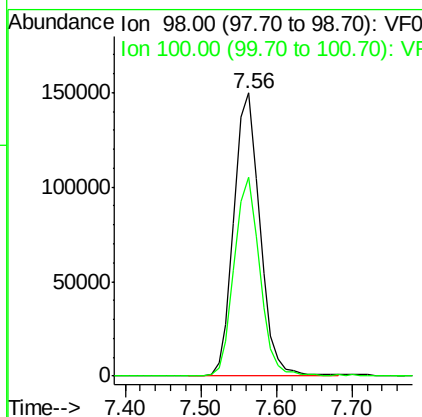
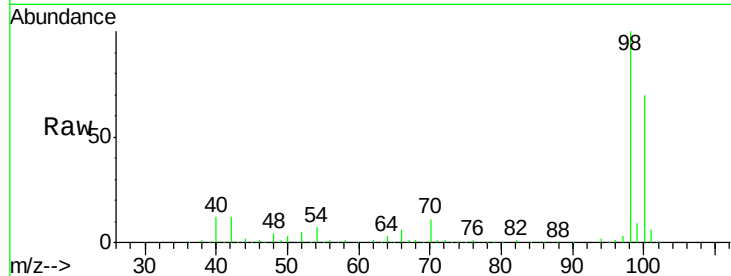
#50
Toluene-d8
Concen: 42.918 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Tot Ion: 98 Resp: 358533
Ion Ratio Lower Upper
98 100
100 70.5 56.8 85.2

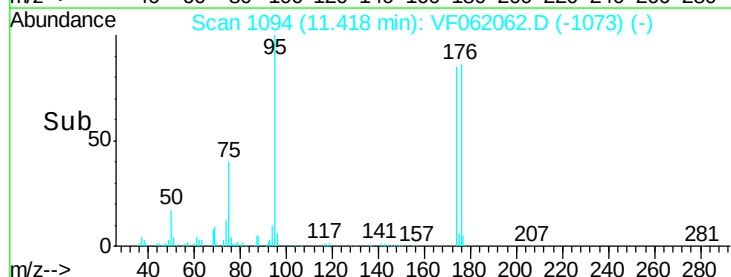
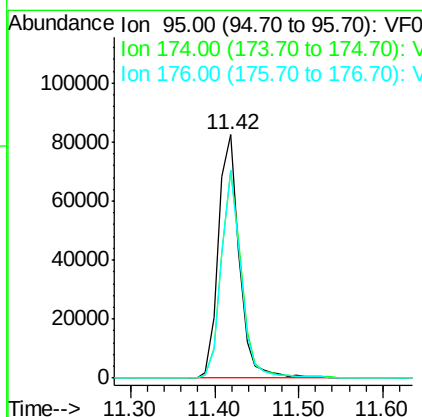
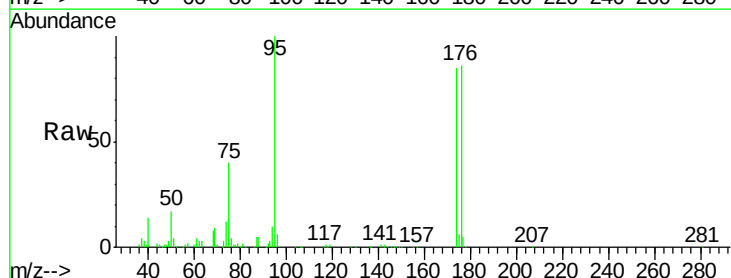
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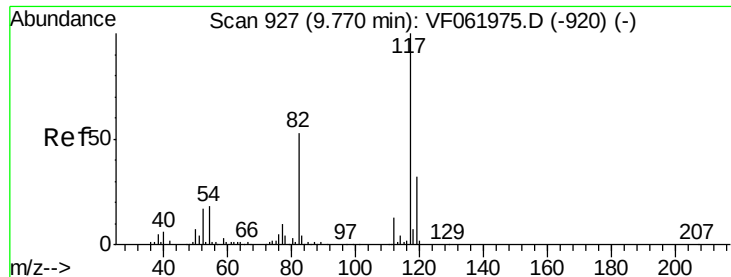
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#62
4-Bromofluorobenzene
Concen: 43.273 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion: 95 Resp: 143608
Ion Ratio Lower Upper
95 100
174 85.4 0.0 149.4
176 85.5 0.0 143.4





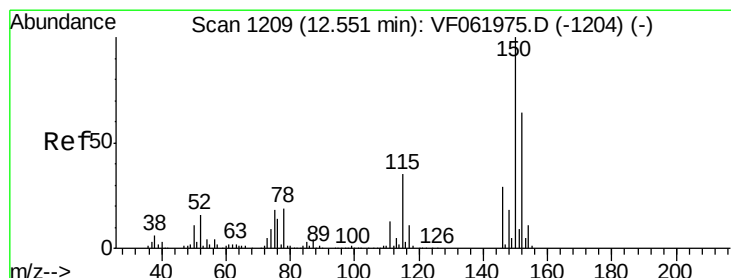
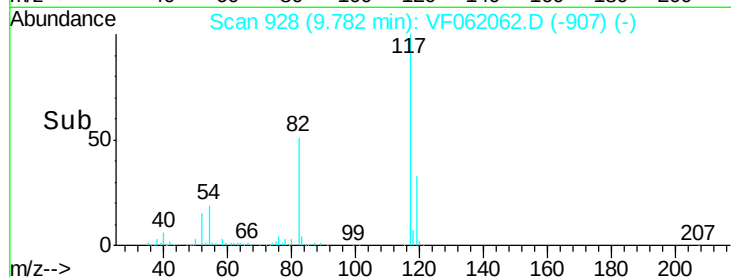
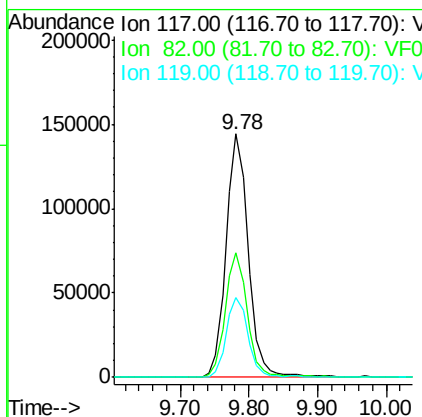
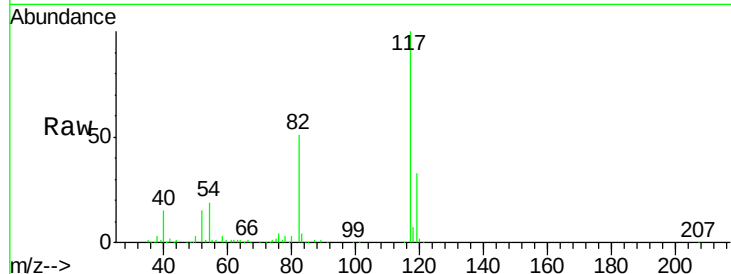
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Tot Ion	Ratio	Resp	Lower	Upper
117	100	323608		
82	51.0		42.5	63.7
119	33.0		25.4	38.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	153630		
115	56.3		27.3	81.9
150	158.5		0.0	316.2

