

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062058.D
 Acq On : 21 Mar 2019 14:02
 Operator : VA/AP
 Sample : K1688-39
 Misc : 5.47g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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MMDadoda
 3/23/2019 2:59:16 AM

Quant Time: Mar 22 08:27:44 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	278150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	386654	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	232916	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	135312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	99566	49.73	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.46%	
35) Dibromofluoromethane	4.12	113	145946	56.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.42%	
50) Toluene-d8	7.55	98	144221	19.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.00%	
62) 4-Bromofluorobenzene	11.41	95	121152	40.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.36%	
Target Compounds						
16) Acetone	2.24	43	17612	39.172	ug/l	96
20) Methylene Chloride	2.18	84	34375m	14.654	ug/l	
68) m/p-Xylenes	10.14	106	4048	1.450	ug/l	86
95) Naphthalene	14.46	128	6242	1.265	ug/l	99

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

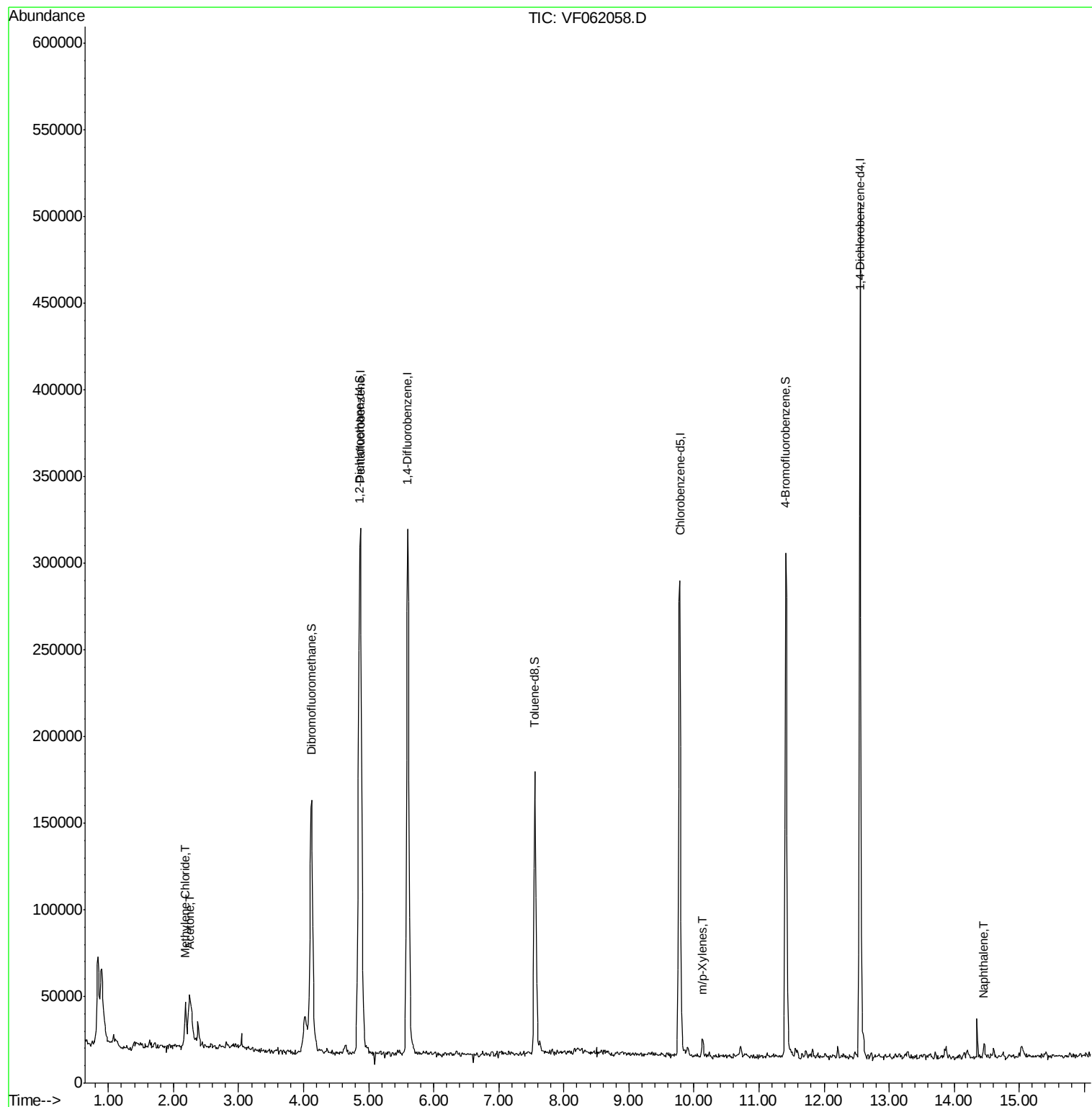
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062058.D
Acq On : 21 Mar 2019 14:02
Operator : VA/AP
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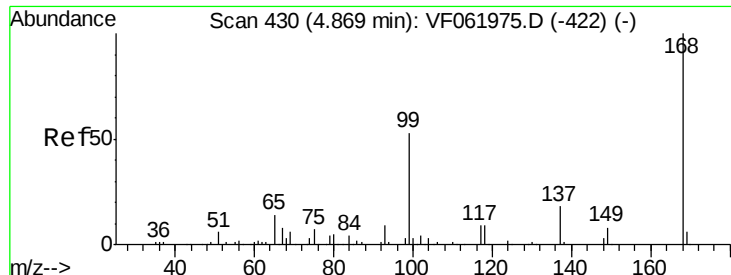
Instrument :
MSVOA_F
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF062058.D

Acq: 21 Mar 2019 14:02

Instrument :

MSVOA_F

ClientSampleId :

JC-02-031919-J

Tot Ion:168 Resp: 278150

Ion Ratio Lower Upper

168 100

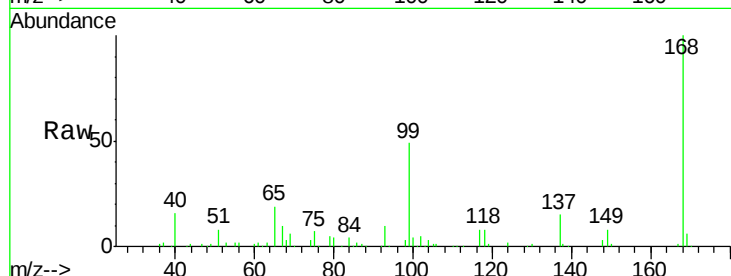
99 48.5 42.4 63.6

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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

100000

80000

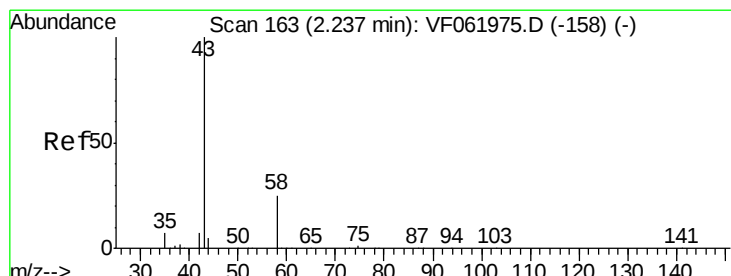
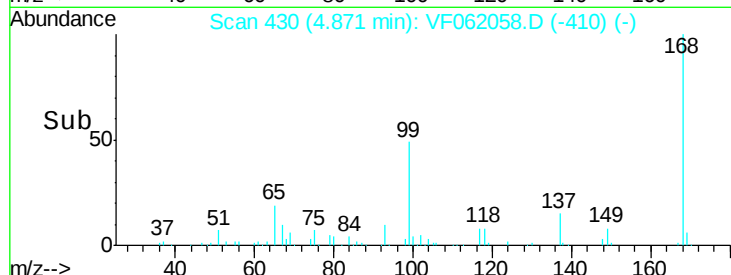
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 39.172 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF062058.D

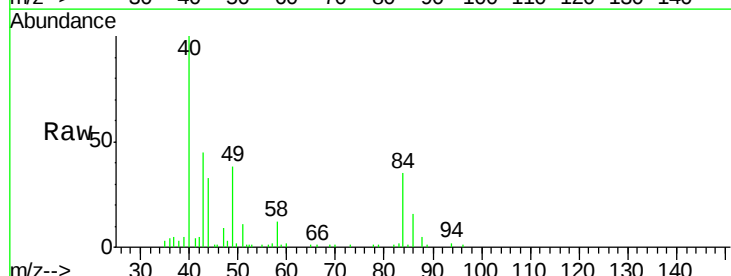
Acq: 21 Mar 2019 14:02

Tgt Ion: 43 Resp: 17612

Ion Ratio Lower Upper

43 100

58 26.9 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

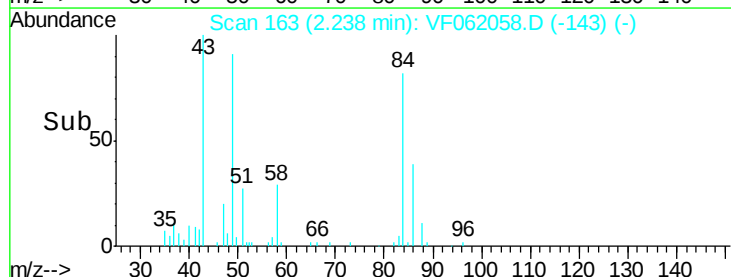
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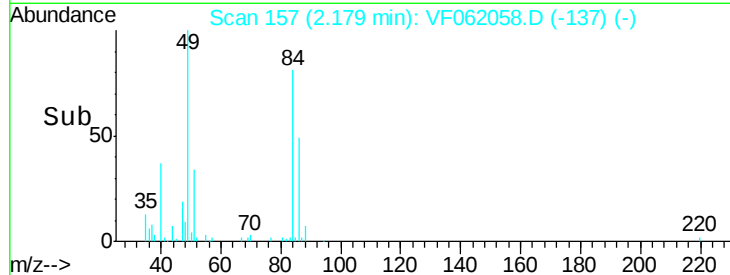
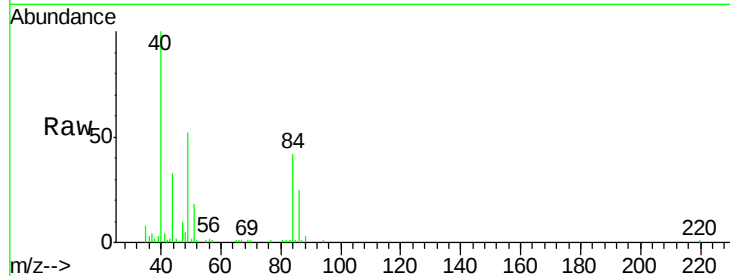
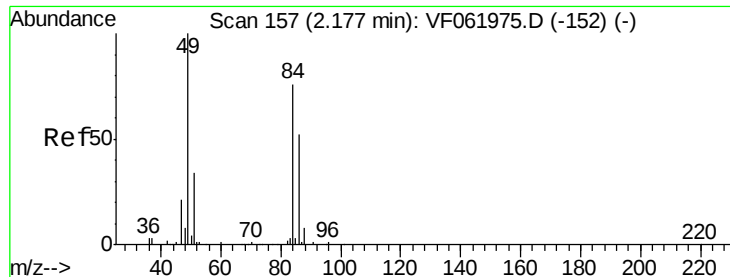
4000

2000

0

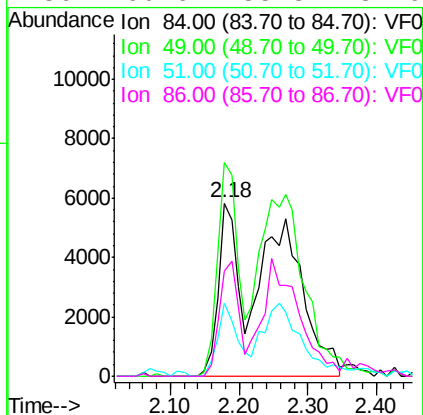
Time-->





#20
Methvlene Chloride
Concen: 14.654 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF062058.D
Acq: 21 Mar 2019 14:02

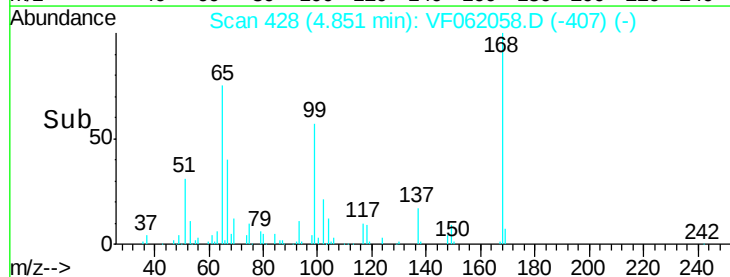
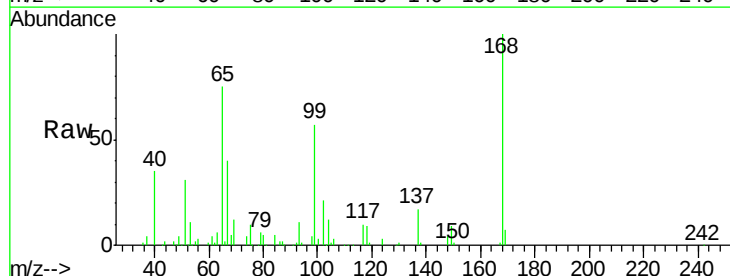
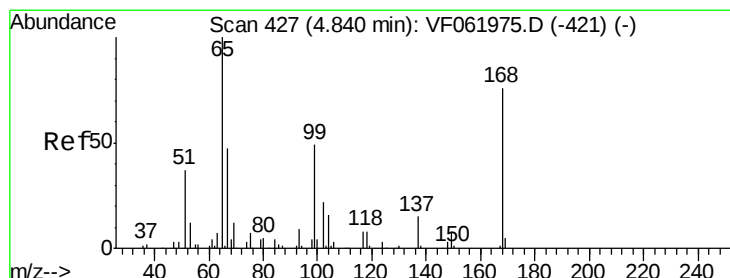
Tot Ion	Ratio	Lower	Upper
84	100		
49	123.3	107.0	160.6
51	42.4	37.2	55.8
86	60.6	55.3	82.9



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

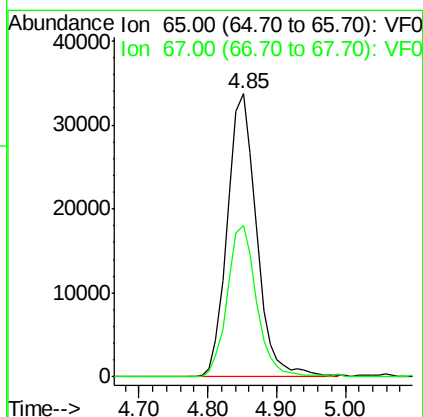
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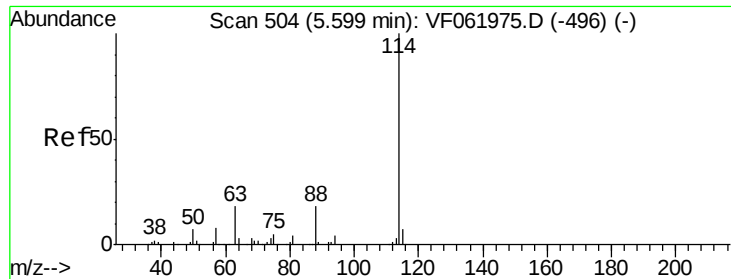
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#33
1,2-Dichloroethane-d4
Concen: 49.727 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF062058.D
Acq: 21 Mar 2019 14:02

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	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: VF062058.D

Acq: 21 Mar 2019 14:02

Instrument :

MSVOA_F

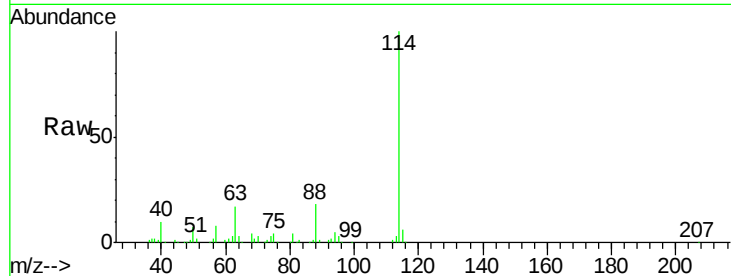
ClientSampleId :

JC-02-031919-J

Tot Ion:	114	Resp:	386654
Ion Ratio	Lower	Upper	
114	100		
63	17.3	0.0	36.4
88	17.6	0.0	36.4

Manual Integrations
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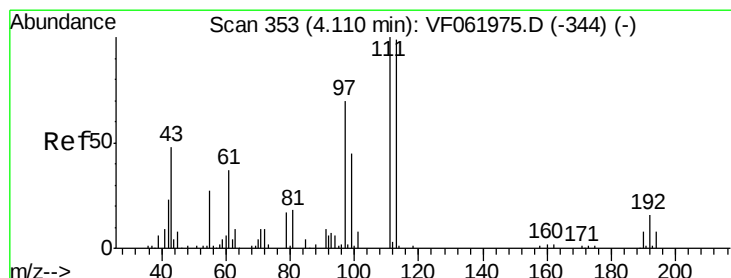
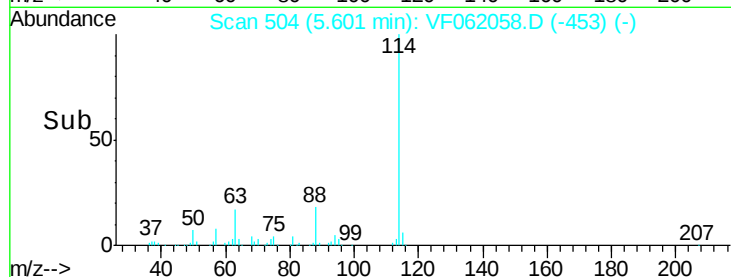
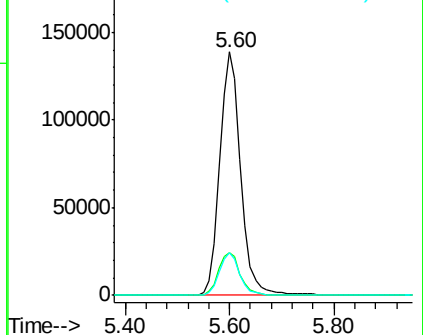
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 56.210 ug/l

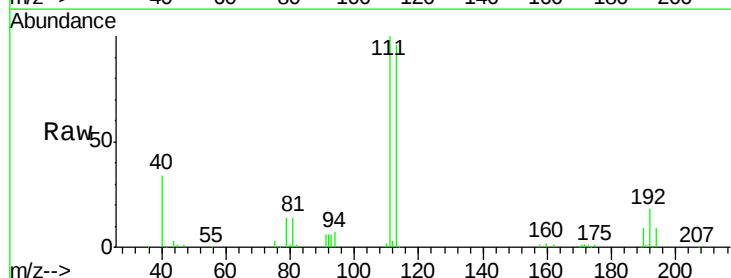
RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF062058.D

Acq: 21 Mar 2019 14:02

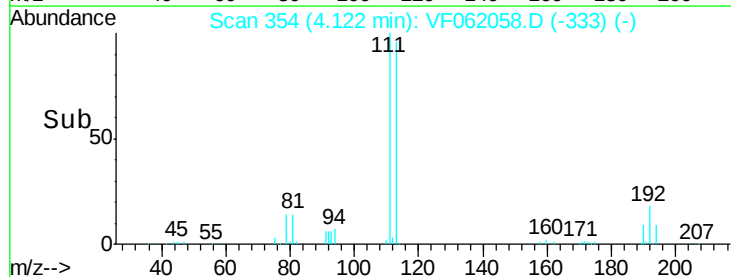
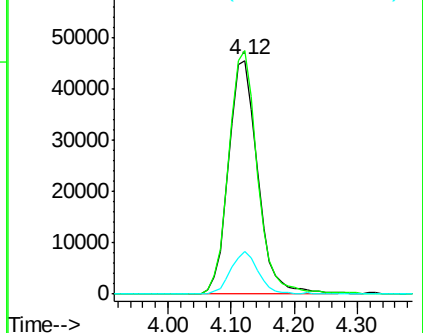
Tgt Ion:	113	Resp:	145946
Ion Ratio	Lower	Upper	
113	100		
111	104.2	80.8	121.2
192	18.7	13.0	19.6

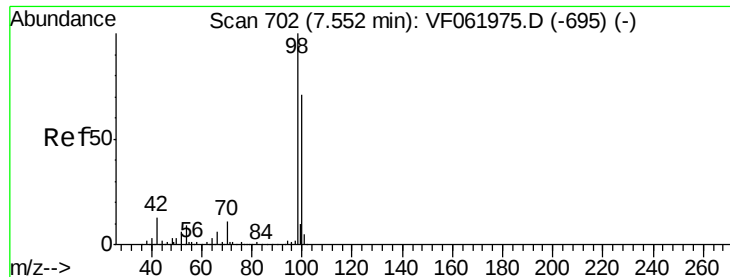


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





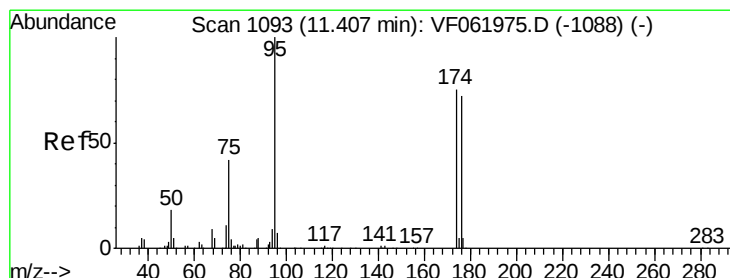
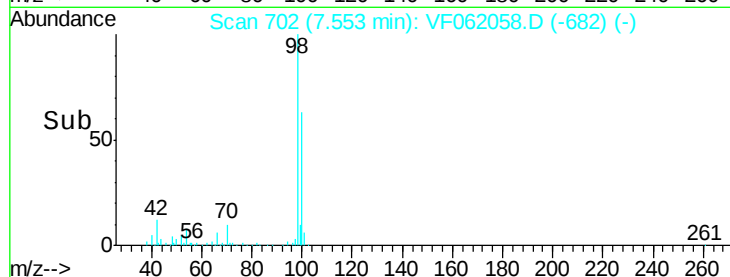
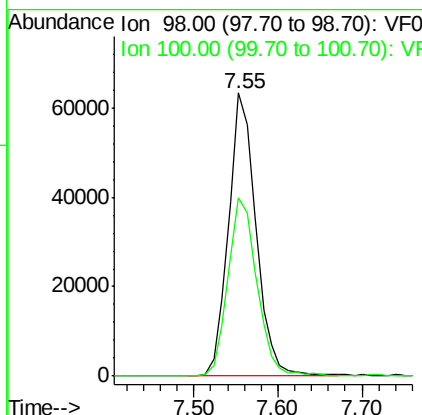
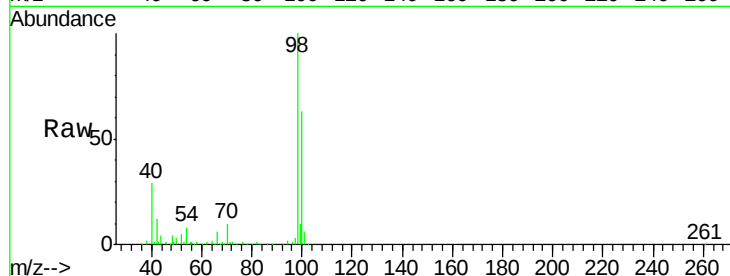
#50
Toluene-d8
Concen: 19.001 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF062058.D
Acq: 21 Mar 2019 14:02

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

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	63.2	56.8	85.2	

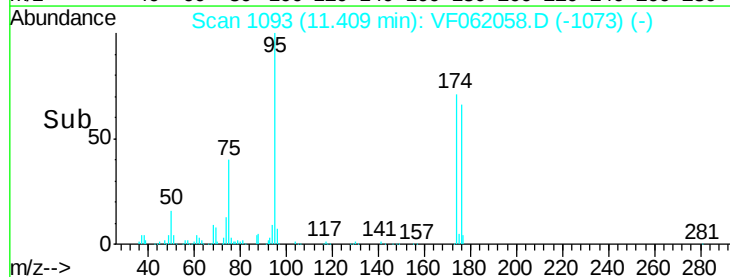
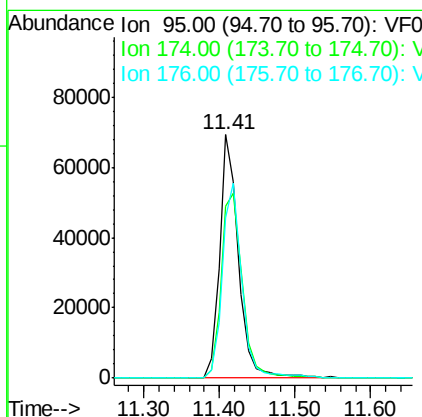
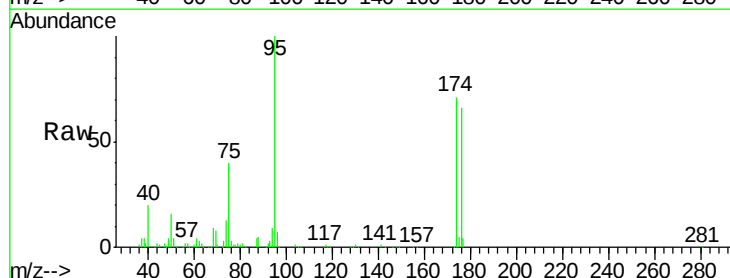
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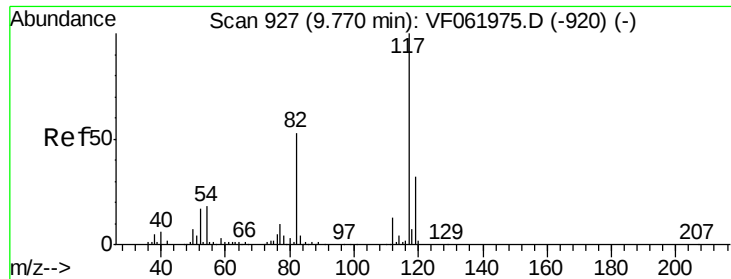
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#62
4-Bromofluorobenzene
Concen: 40.179 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF062058.D
Acq: 21 Mar 2019 14:02

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	70.7	0.0	149.4	
176	66.0	0.0	143.4	





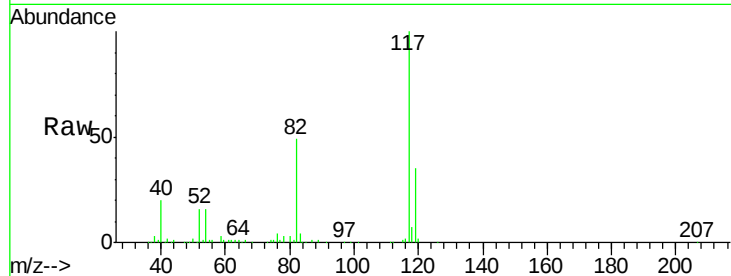
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF062058.D
Acq: 21 Mar 2019 14:02

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

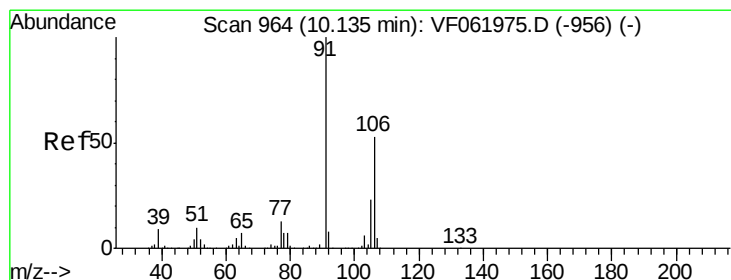
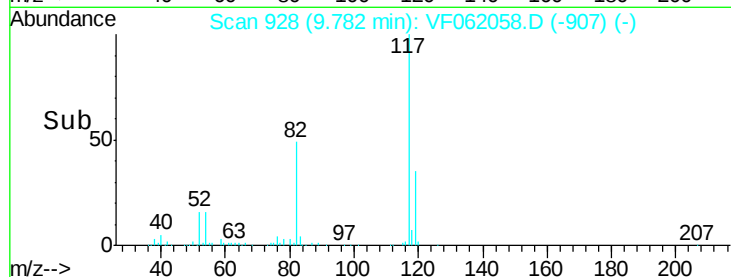
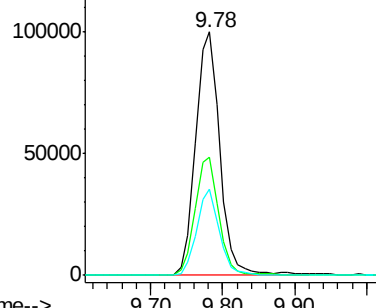
Tot Ion	Ratio	Resp	Lower	Upper
117	100	232916		
82	48.6		42.5	63.7
119	35.4		25.4	38.0

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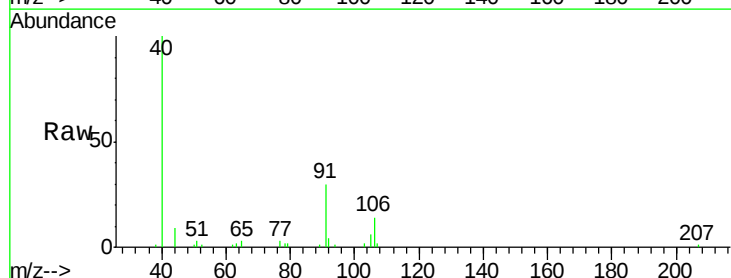


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

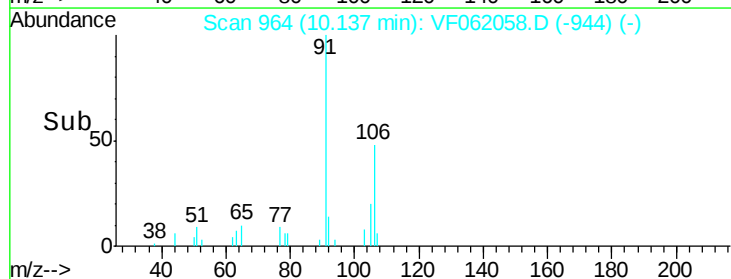
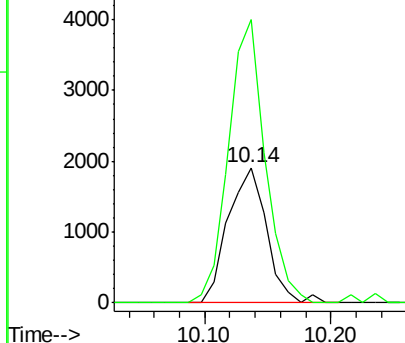


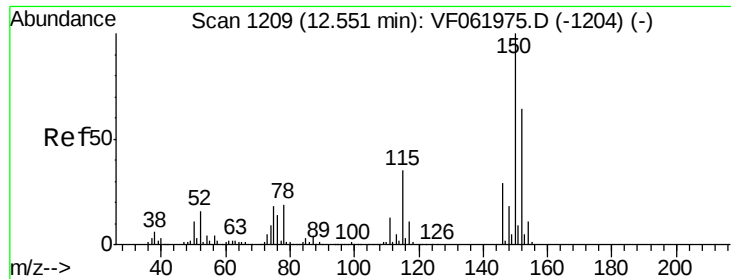
#68
m/p-Xylenes
Concen: 1.450 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.00 min
Lab File: VF062058.D
Acq: 21 Mar 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	4048		
91	209.7		151.9	227.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF062058.D

Acq: 21 Mar 2019 14:02

Instrument :

MSVOA_F

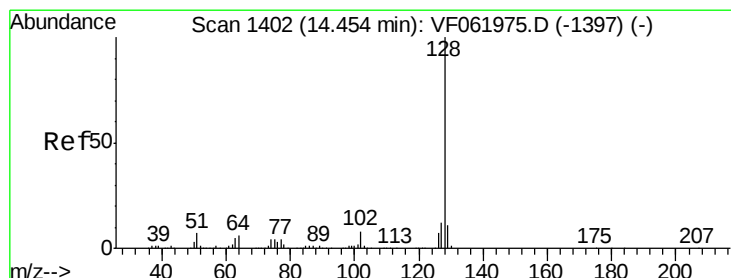
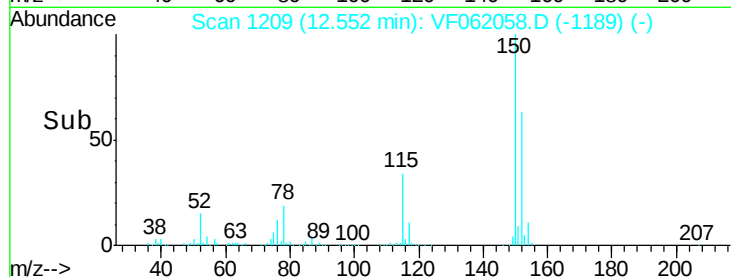
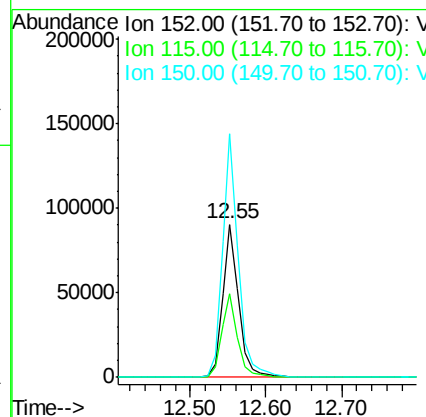
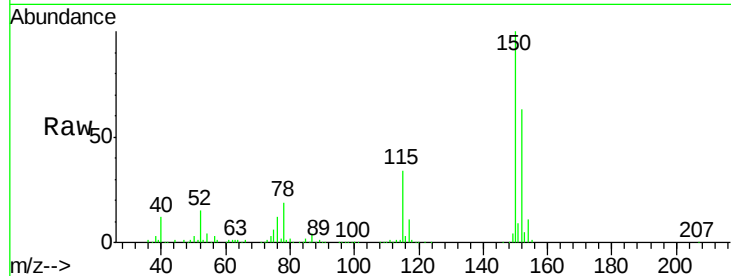
ClientSampleId :

JC-02-031919-J

Tot Ion:	152	Resp:	135312
Ion Ratio	Lower	Upper	
152	100		
115	54.4	27.3	81.9
150	159.0	0.0	316.2

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#95

Naphthalene

Concen: 1.265 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. 0.00 min

Lab File: VF062058.D

Acq: 21 Mar 2019 14:02

Tgt Ion:	128	Resp:	6242
Ion Ratio	Lower	Upper	
128	100		
127	11.7	9.3	13.9
129	10.6	9.1	13.7

