

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032019\
 Data File : VF062042.D
 Acq On : 20 Mar 2019 16:10
 Operator : VA/AP
 Sample : K1693-09RE
 Misc : 7.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-031819-ARE

Manual Integrations
 APPROVED

Quant Time: Mar 21 15:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	232042	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	354339	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	298487	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	140083	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.83	65	100705	60.29	ug/l	-0.01
Spiked Amount			Recovery	=	120.58%	
35) Dibromofluoromethane	4.10	113	148225	62.29	ug/l	-0.01
Spiked Amount			Recovery	=	124.58%	
50) Toluene-d8	7.54	98	369261	53.09	ug/l	-0.01
Spiked Amount			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	11.40	95	156821	56.75	ug/l	-0.01
Spiked Amount			Recovery	=	113.50%	

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3/22/2019 4:52:01 PM

Target Compounds

						Qvalue
16) Acetone	2.24	43	10656	28.410	ug/l	93
20) Methylene Chloride	2.18	84	14011m	7.256	ug/l	
52) Toluene	7.61	92	13972	2.697	ug/l	99
69) o-Xylene	10.70	106	5894	1.539	ug/l	98
80) 1,3,5-Trimethylbenzene	11.81	105	16660	2.131	ug/l	91

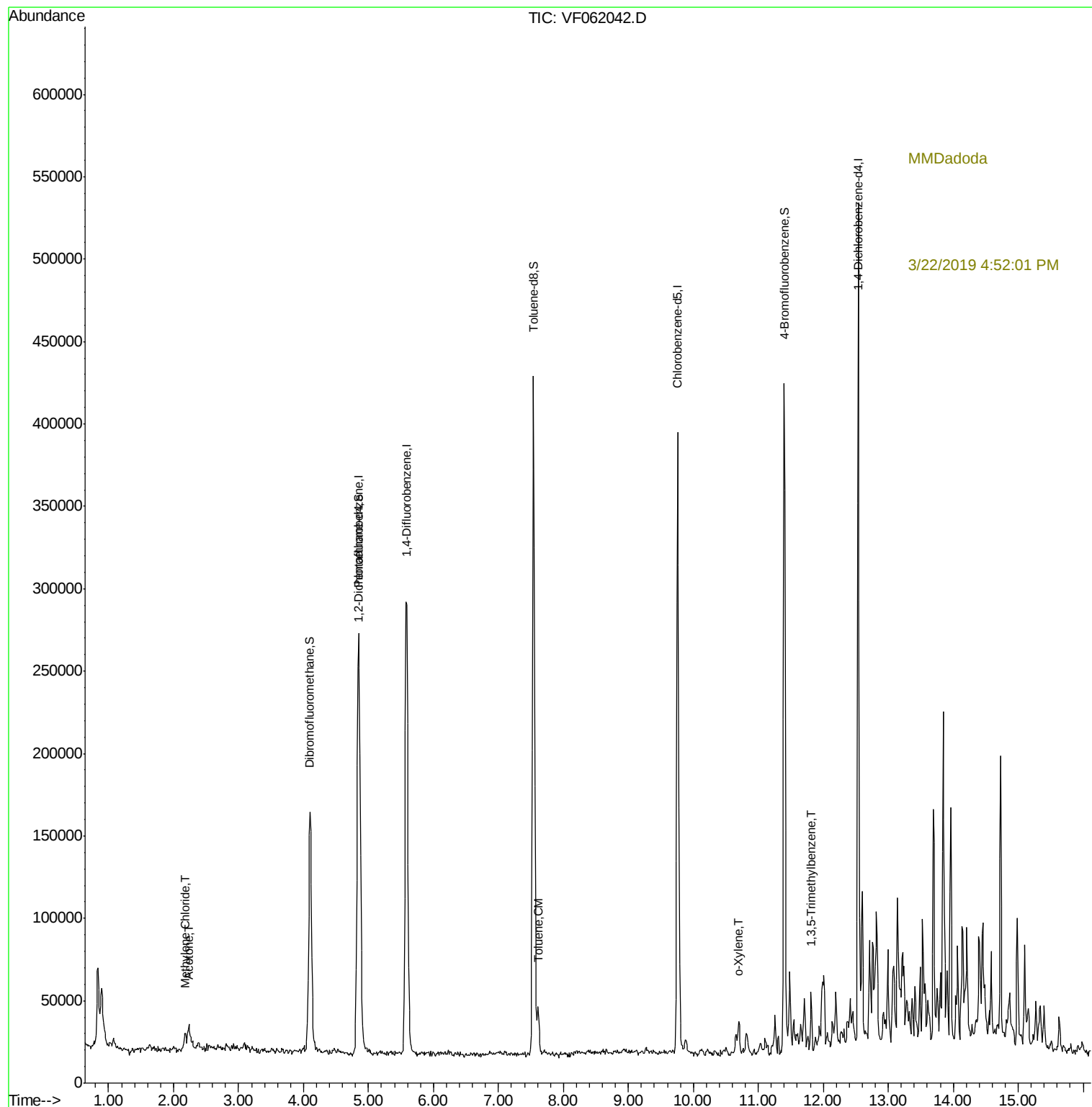
(#) = qualifier out of range (m) = manual integration (+) = signals summed

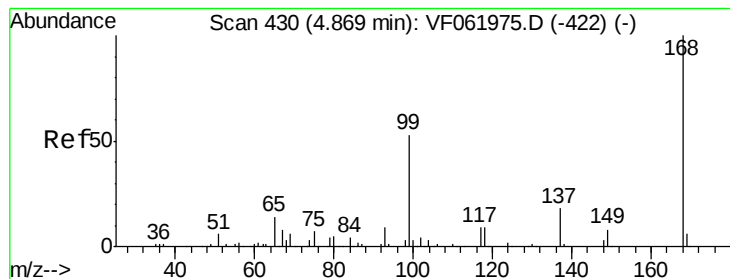
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF062042.D

Acq: 20 Mar 2019 16:10

Instrument :

MSVOA_F

ClientSampleId :

OR-03-031819-ARE

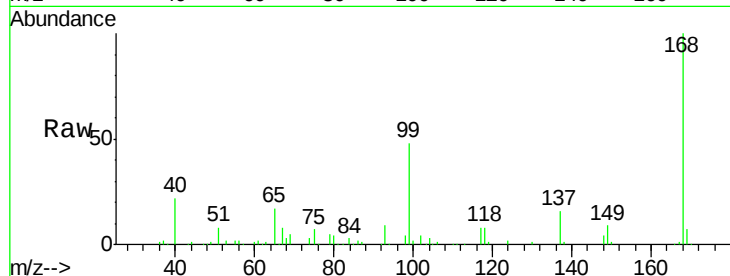
Tot Ion:168 Resp: 232042

Ion Ratio Lower Upper

168 100

99 48.4 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

80000

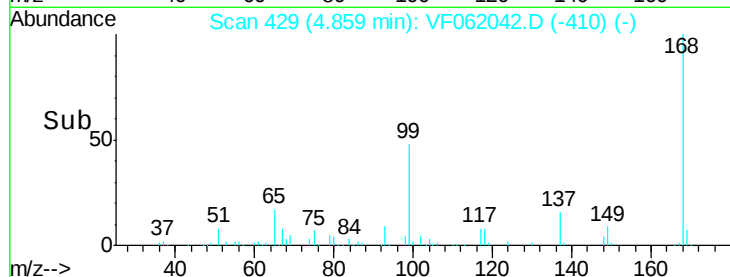
60000

40000

20000

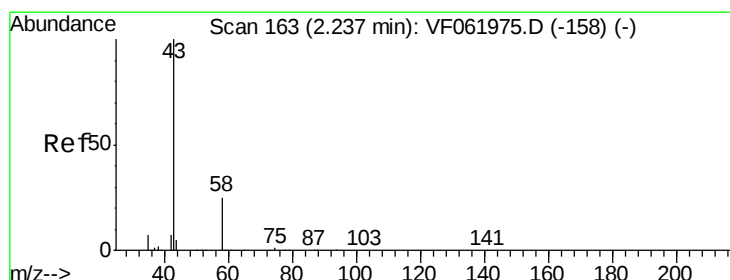
0

Time--> 4.70 4.80 4.90 5.00



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3/22/2019 4:52:01 PM



#16

Acetone

Concen: 28.410 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF062042.D

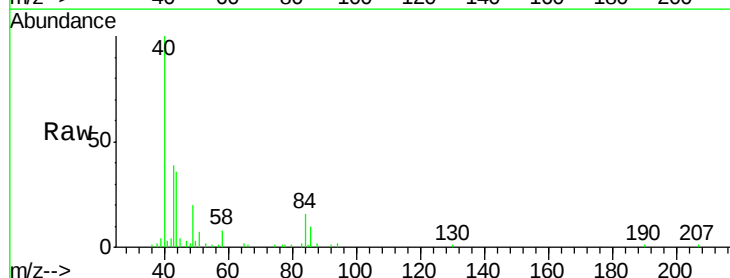
Acq: 20 Mar 2019 16:10

Tgt Ion: 43 Resp: 10656

Ion Ratio Lower Upper

43 100

58 21.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

5000

4000

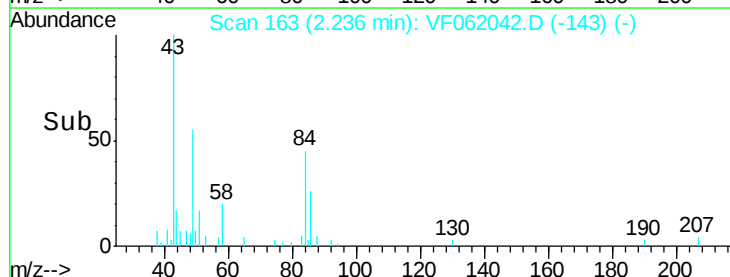
3000

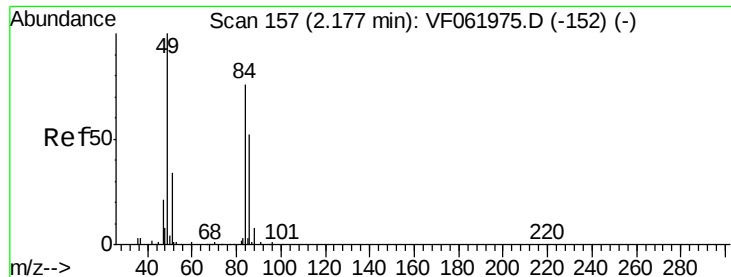
2000

1000

0

Time--> 2.15 2.20 2.25 2.30 2.35





#20

Methylene Chloride

Concen: 7.256 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF062042.D

Acq: 20 Mar 2019 16:10

Instrument :

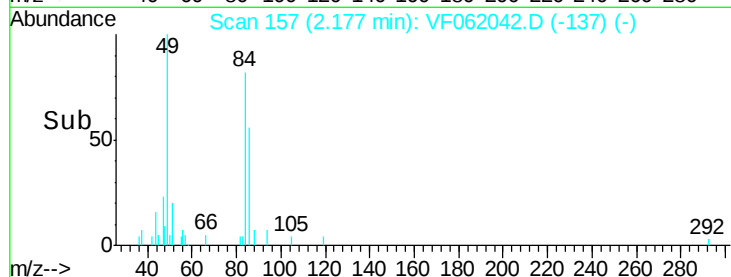
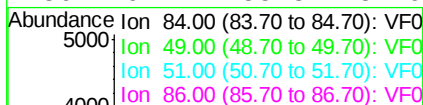
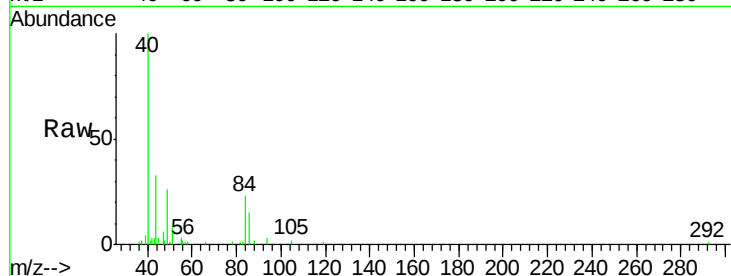
MSVOA_F

ClientSampleId :

OR-03-031819-ARE

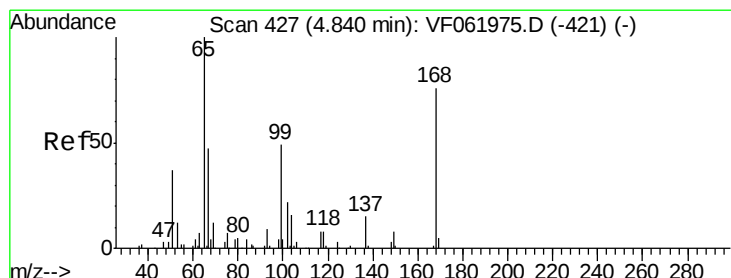
Tot Ion:	84	Resp:	14011
Ion	Ratio	Lower	Upper
84	100		
49	114.7	107.0	160.6
51	32.8	37.2	55.8#
86	64.1	55.3	82.9

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3/22/2019 4:52:01 PM



#33

1,2-Dichloroethane-d4

Concen: 60.290 ug/l

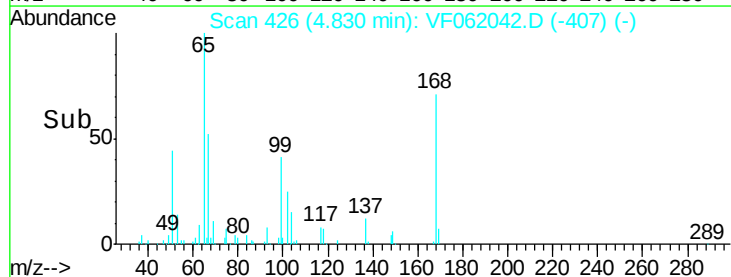
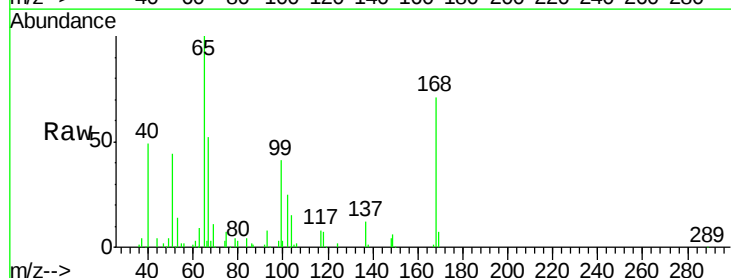
RT: 4.83 min Scan# 426

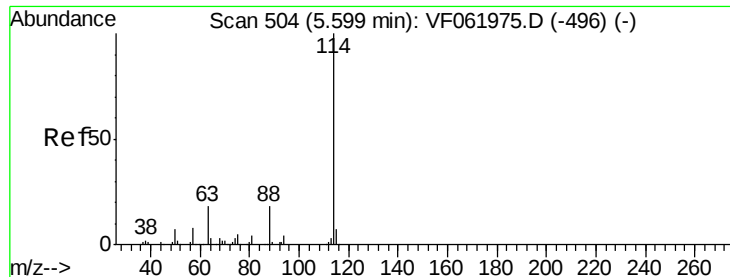
Delta R.T. -0.01 min

Lab File: VF062042.D

Acq: 20 Mar 2019 16:10

Tgt Ion:	65	Resp:	100705
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF062042.D

Acq: 20 Mar 2019 16:10

Instrument :

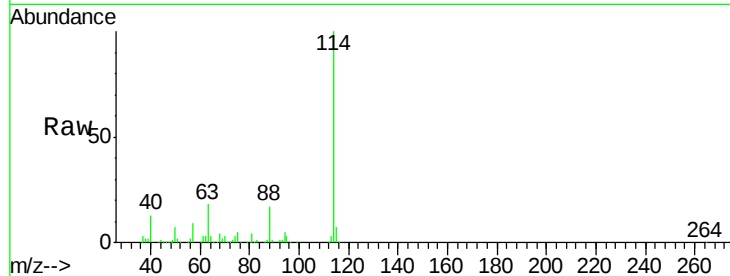
MSVOA_F

ClientSampleId :

OR-03-031819-ARE

Tot Ion:114	Resp:	354339
Ion Ratio	Lower	Upper
114 100		
63 18.4	0.0	36.4
88 16.8	0.0	36.4

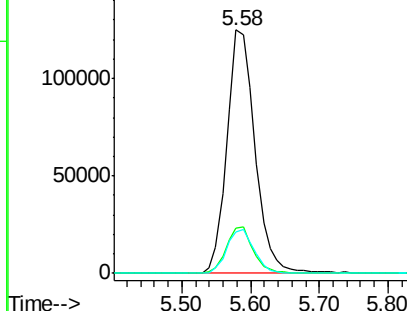
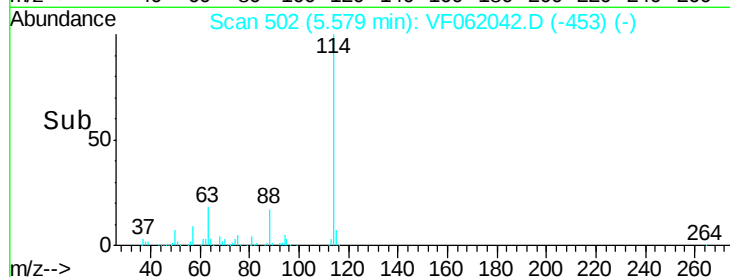
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Abundance Ion 114.00 (113.70 to 114.70): V

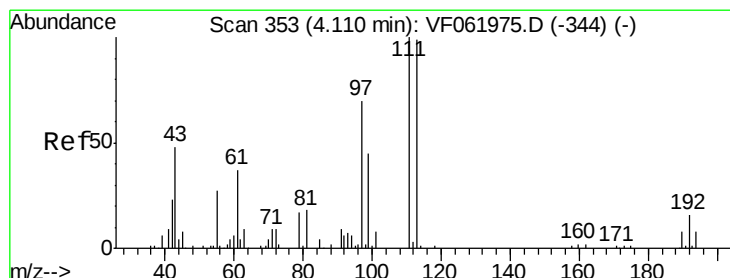
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



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3/22/2019 4:52:01 PM



#35

Dibromofluoromethane

Concen: 62.294 ug/l

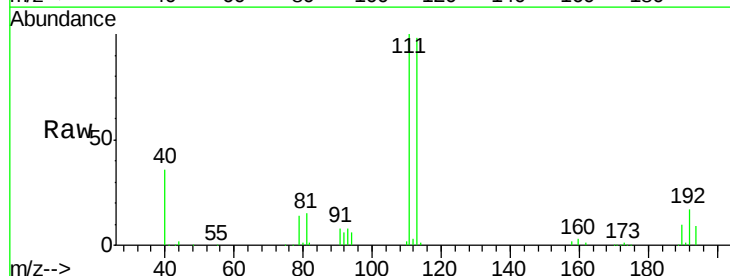
RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF062042.D

Acq: 20 Mar 2019 16:10

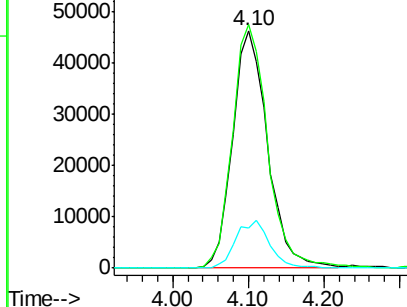
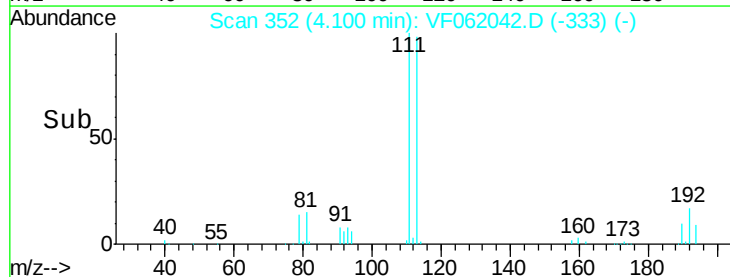
Tgt Ion:113	Resp:	148225
Ion Ratio	Lower	Upper
113 100		
111 102.4	80.8	121.2
192 17.1	13.0	19.6

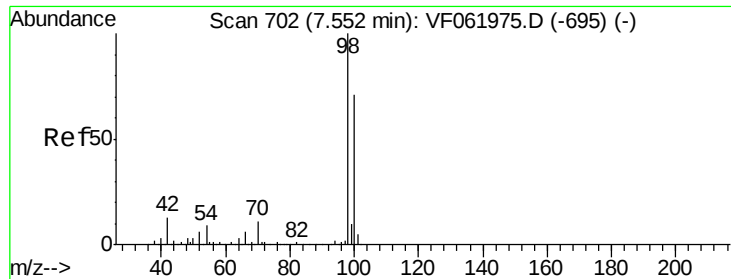


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



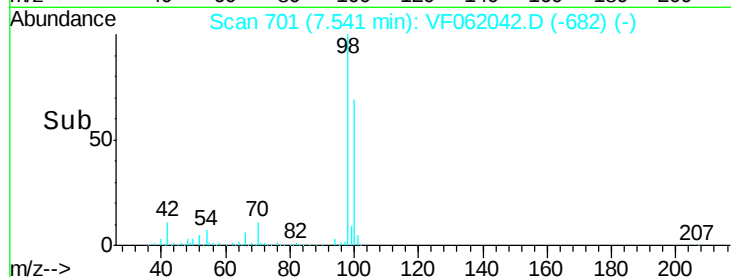
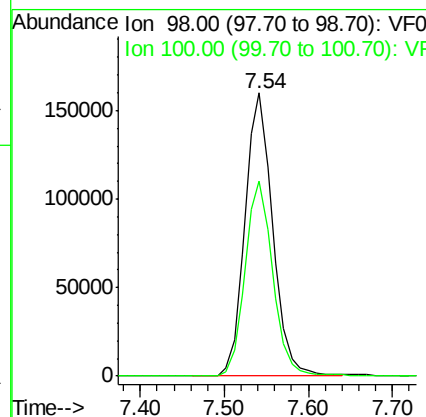
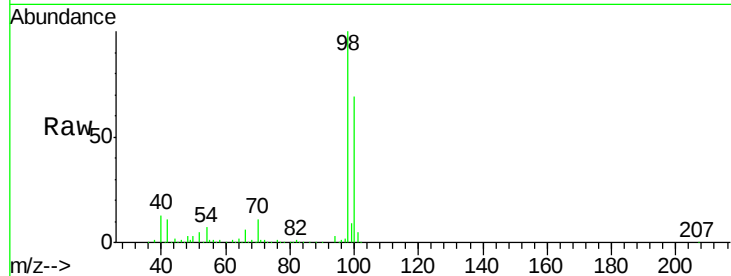


#50
Toluene-d8
Concen: 53.086 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF062042.D
Acq: 20 Mar 2019 16:10

Instrument :
MSVOA_F
ClientSampleId :
OR-03-031819-ARE

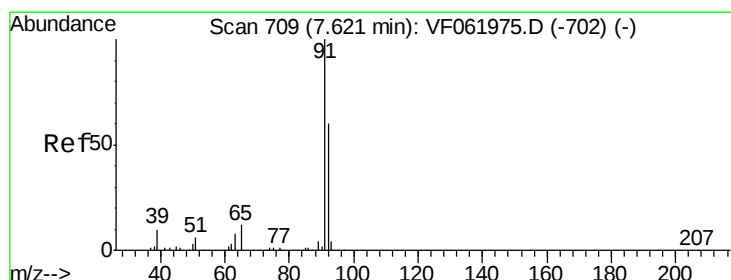
Tot Ion: 98 Resp: 369261
Ion Ratio Lower Upper
98 100
100 69.1 56.8 85.2

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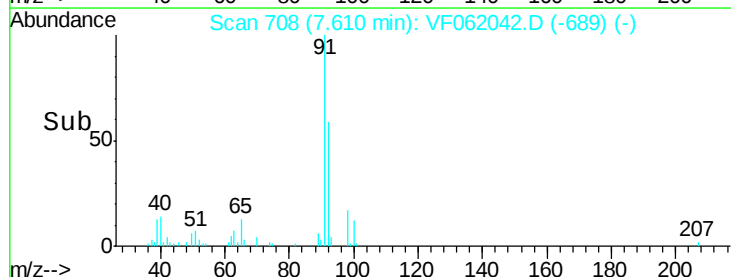
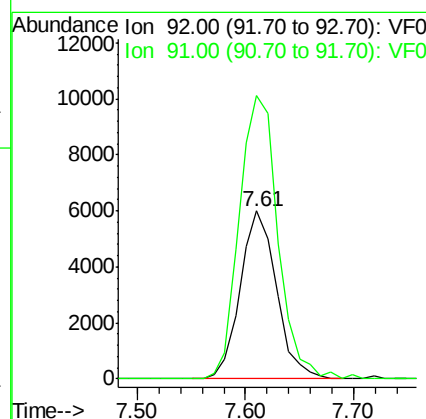
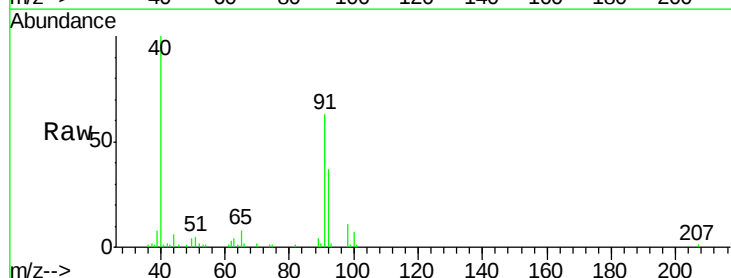
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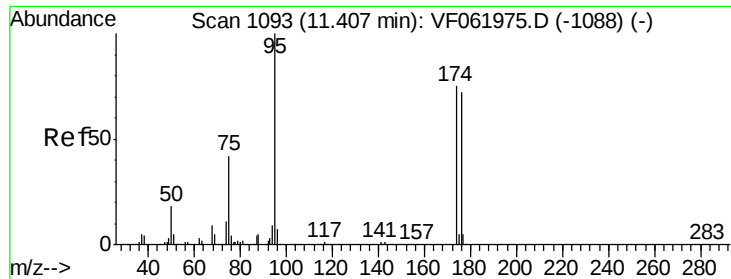
3/22/2019 4:52:01 PM



#52
Toluene
Concen: 2.697 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.01 min
Lab File: VF062042.D
Acq: 20 Mar 2019 16:10

Tgt Ion: 92 Resp: 13972
Ion Ratio Lower Upper
92 100
91 168.4 134.0 201.0



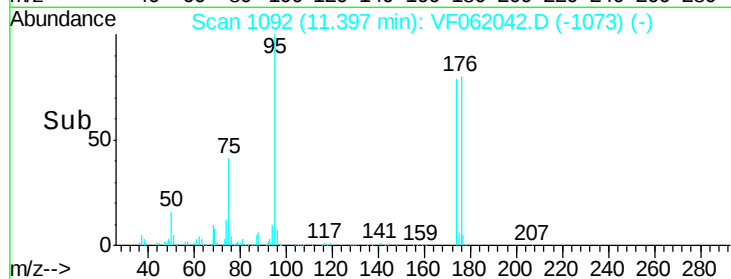
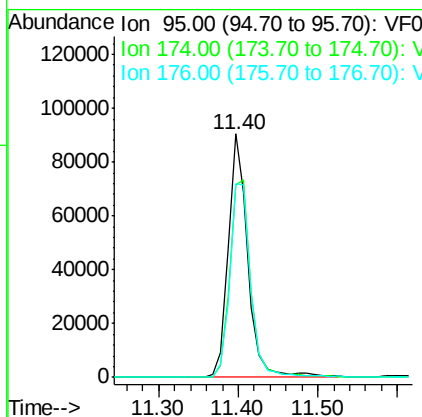
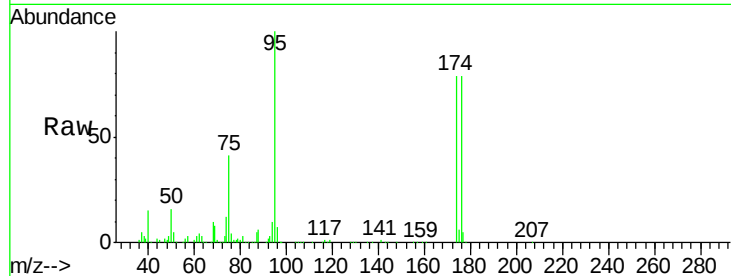


#62
4-Bromofluorobenzene
Concen: 56.751 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF062042.D
Acq: 20 Mar 2019 16:10

Instrument :
MSVOA_F
ClientSampleId :
OR-03-031819-ARE

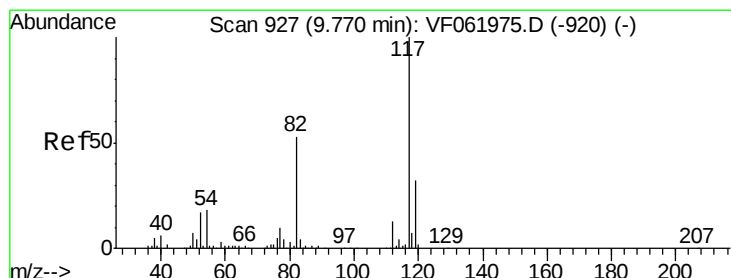
Tot Ion	Ratio	Resp	Lower	Upper
95	100	156821		
174	78.8	0.0	149.4	
176	79.5	0.0	143.4	

Manual Integrations
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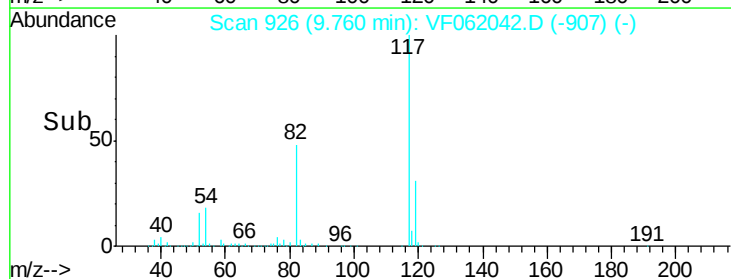
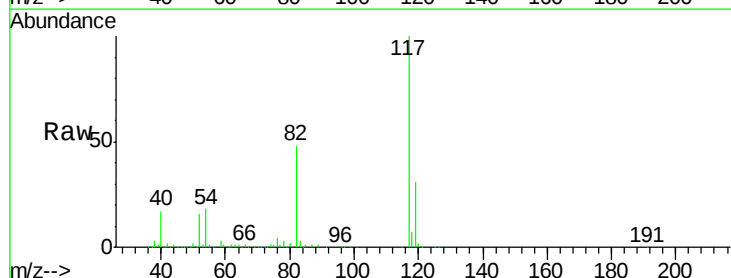
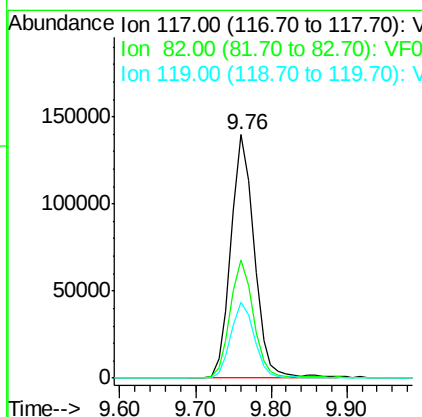
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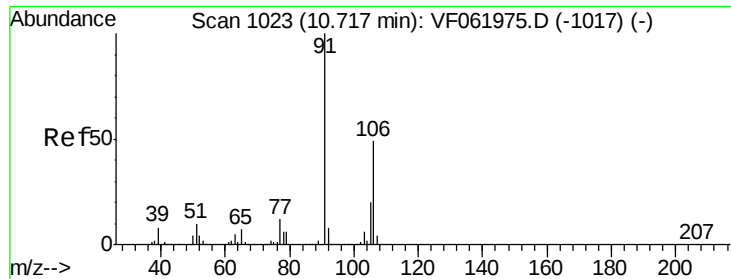
3/22/2019 4:52:01 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF062042.D
Acq: 20 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	298487		
82	48.3	42.5	63.7	
119	31.1	25.4	38.0	



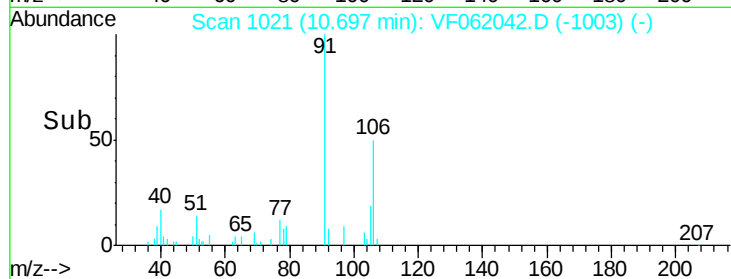
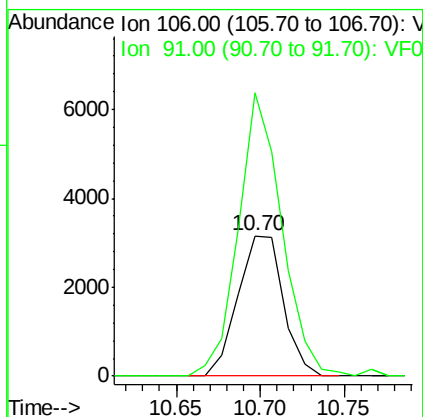
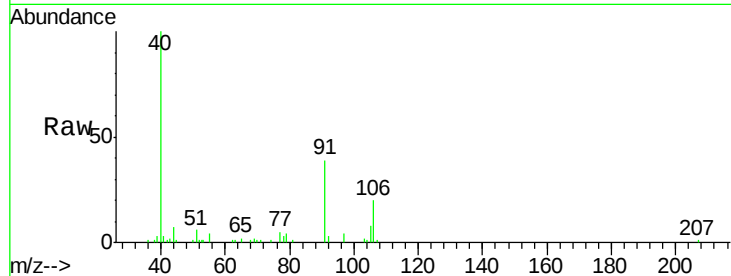


#69
o-Xylene
Concen: 1.539 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.02 min
Lab File: VF062042.D
Acq: 20 Mar 2019 16:10

Instrument :
MSVOA_F
ClientSampleId :
OR-03-031819-ARE

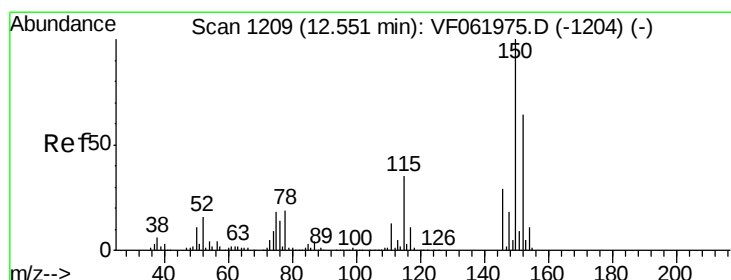
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	201.7	102.3	5894	306.8	

Manual Integrations
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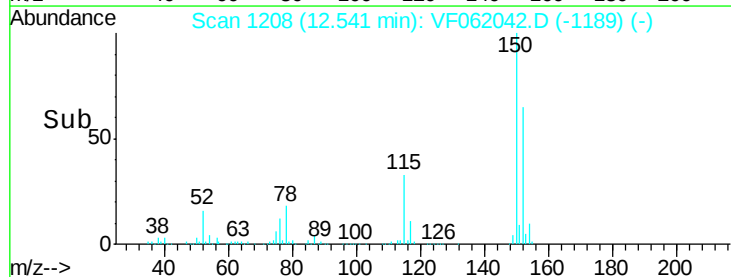
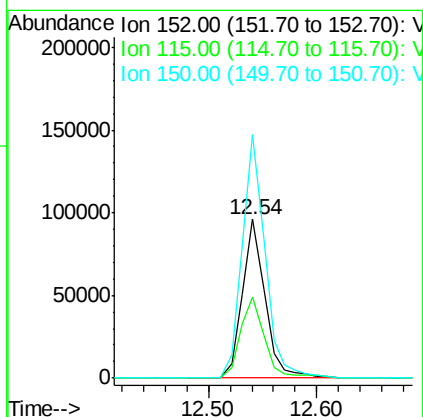
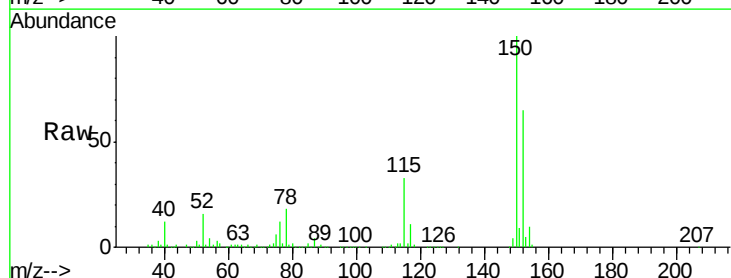
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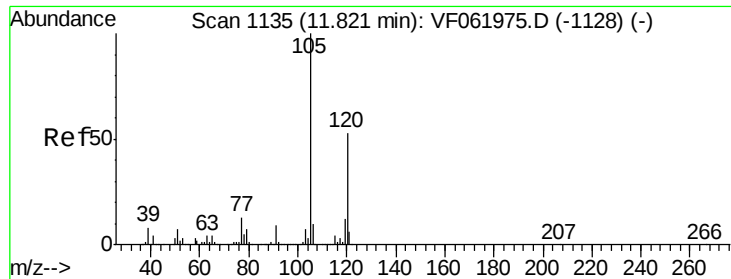
3/22/2019 4:52:01 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062042.D
Acq: 20 Mar 2019 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	51.3	27.3	140083	81.9	
150	153.4	0.0	316.2		



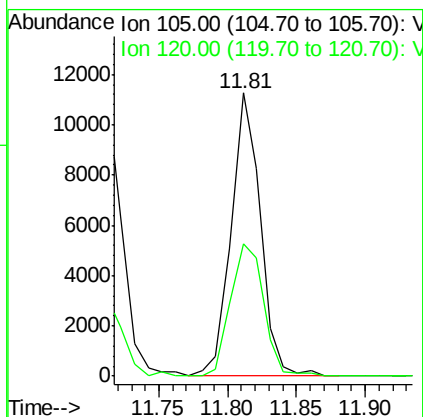
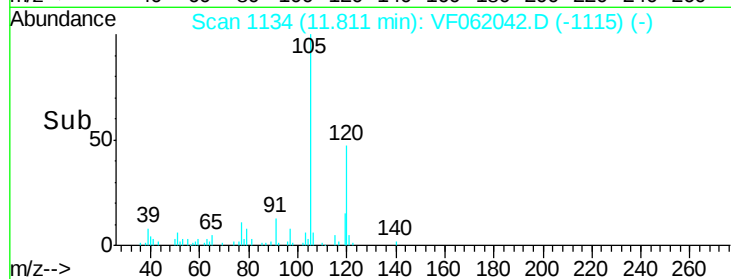
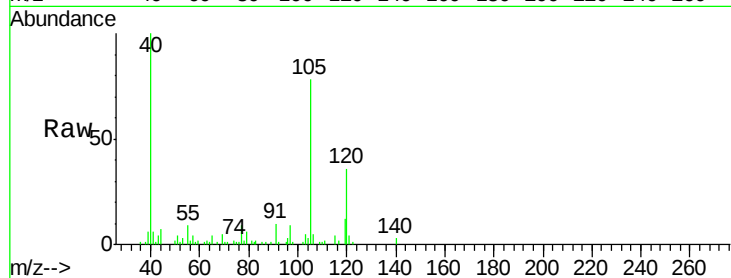


#80
 1,3,5-Trimethylbenzene
 Concen: 2.131 ug/l
 RT: 11.81 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: VF062042.D
 Acq: 20 Mar 2019 16:10

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-031819-ARE

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.9	26.6	79.7

Manual Integrations
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3/22/2019 4:52:01 PM