

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022819\
 Data File : VF061791.D
 Acq On : 28 Feb 2019 16:57
 Operator : VA/AP
 Sample : K1652-12
 Misc : 5.12g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-DAY-2

Manual Integrations
 APPROVED

MMDadoda
 3/2/2019 4:09:47 AM

Quant Time: Mar 01 00:37:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	333963	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	476899	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	362870	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	165697	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	113354	46.29	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.58%	
35) Dibromofluoromethane	4.10	113	161800	45.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.38%	
50) Toluene-d8	7.54	98	380377	37.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.72%	
62) 4-Bromofluorobenzene	11.39	95	147840	35.89	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.78%	
Target Compounds						
16) Acetone	2.22	43	18098	34.443	ug/l	98
20) Methylene Chloride	2.24	84	18522m	4.273	ug/l	

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

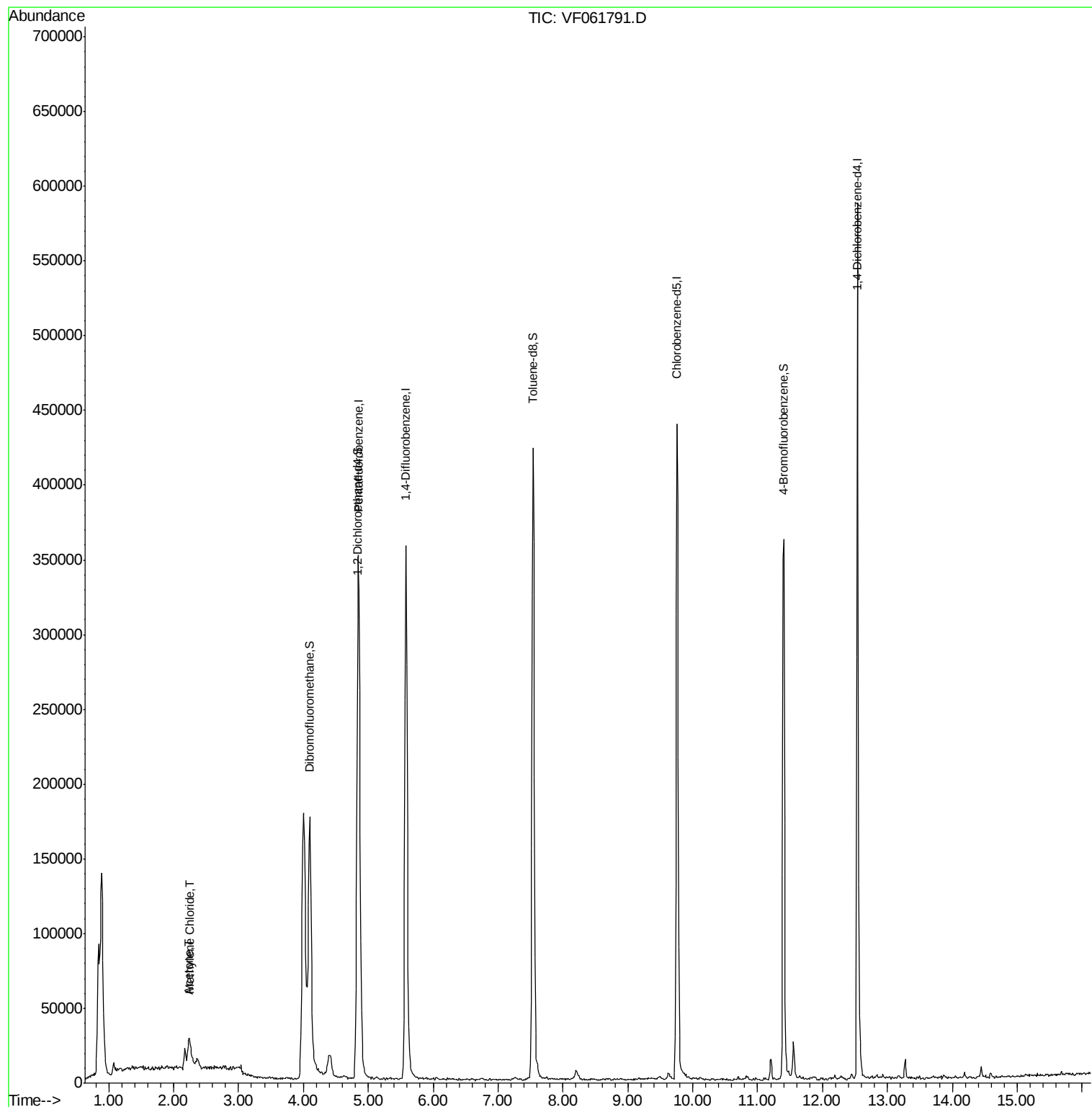
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022819\
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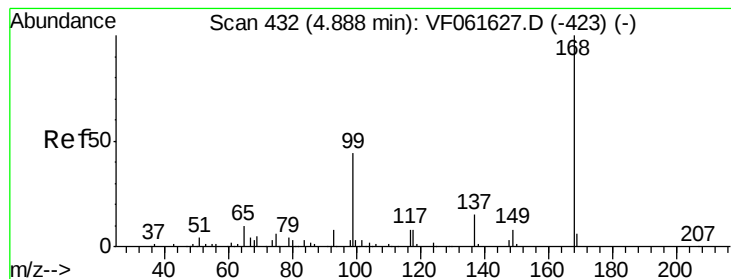
Instrument :
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Quant Time: Mar 01 00:37:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061791.D

Acq: 28 Feb 2019 16:57

Instrument :

MSVOA_F

ClientSampleId :

COMP-DAY-2

Tot Ion:168 Resp: 333963

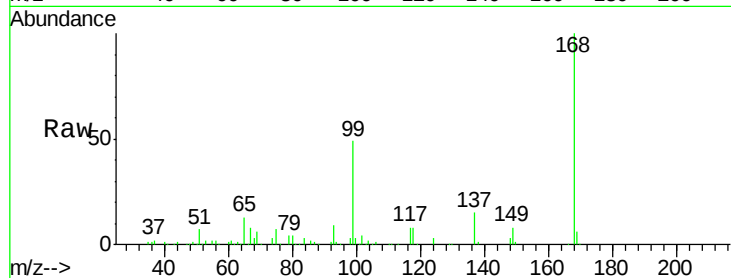
Ion Ratio Lower Upper

168 100

99 48.8 34.9 52.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

120000

100000

80000

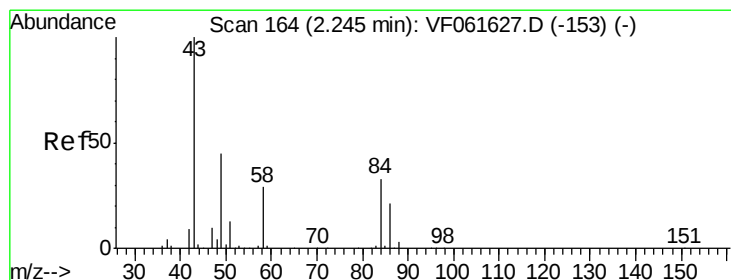
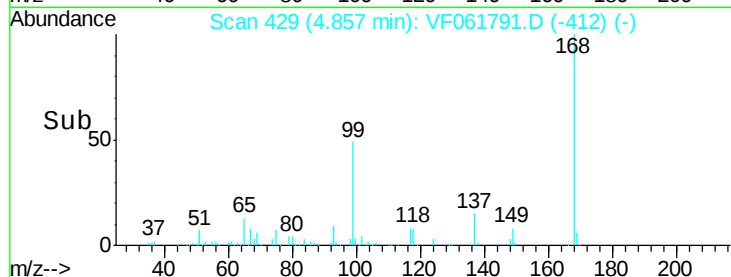
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 34.443 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061791.D

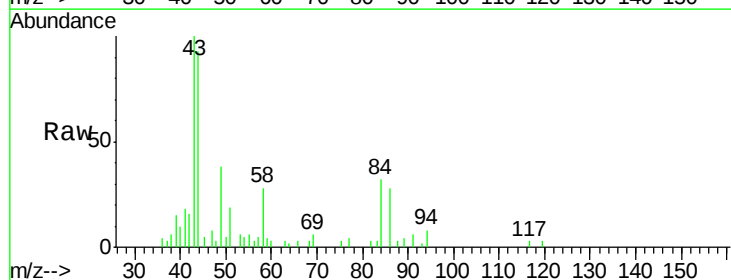
Acq: 28 Feb 2019 16:57

Tgt Ion: 43 Resp: 18098

Ion Ratio Lower Upper

43 100

58 27.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.22

5000

4000

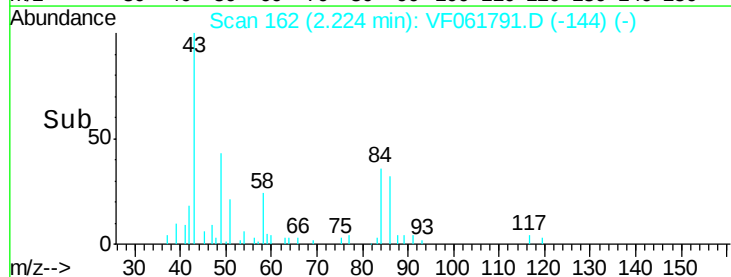
3000

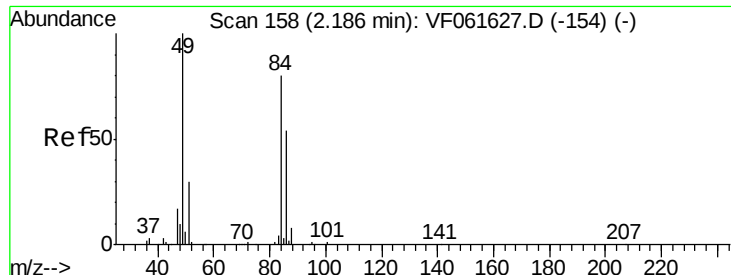
2000

1000

0

Time-->





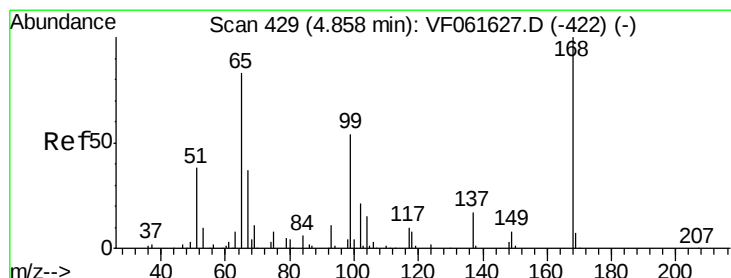
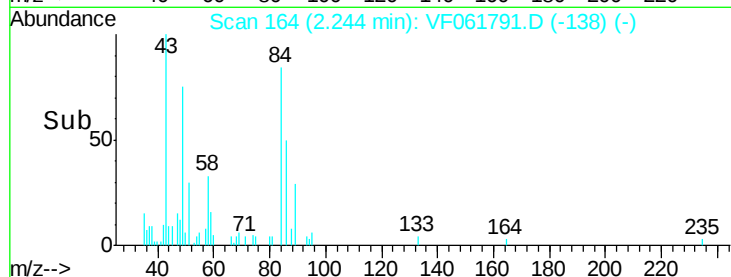
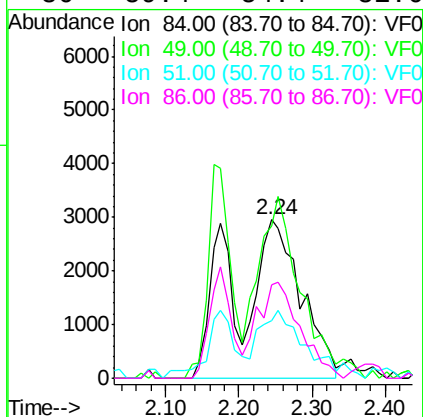
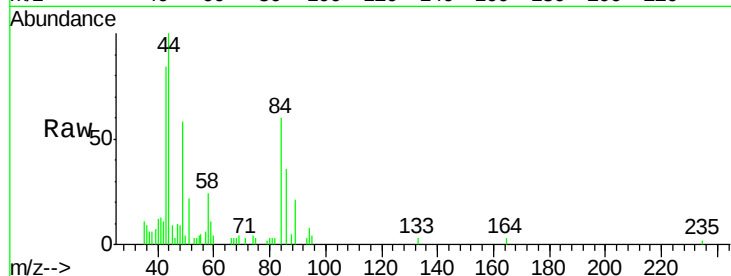
#20
Methvlene Chloride
Concen: 4.273 ug/l
RT: 2.24 min Scan# 164
Delta R.T. 0.06 min
Lab File: VF061791.D
Acq: 28 Feb 2019 16:57

Instrument :
MSVOA_F
ClientSampleId :
COMP-DAY-2

Tot Ion	Ratio	Lower	Upper
84	100		
49	95.9	101.8	152.8#
51	36.1	31.1	46.7
86	59.4	54.4	81.6

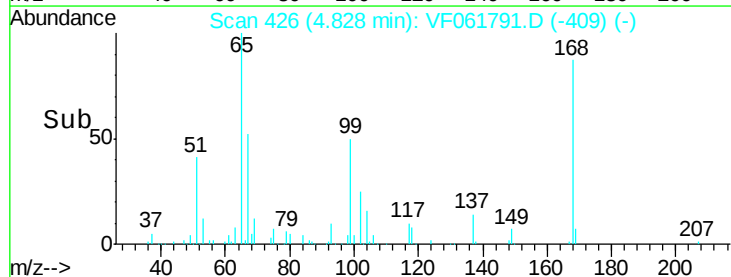
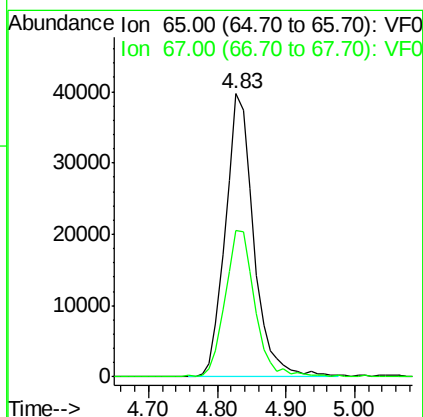
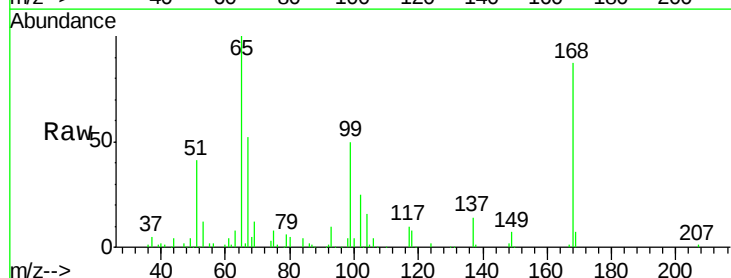
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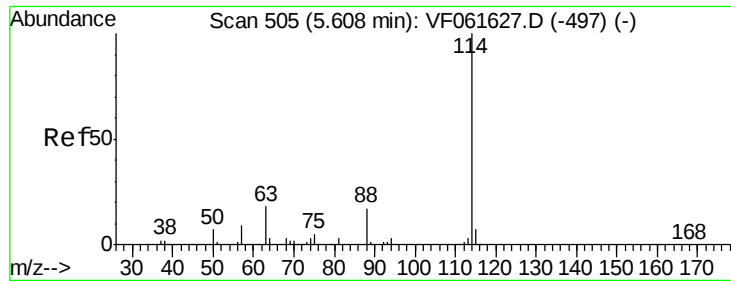
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#33
1,2-Dichloroethane-d4
Concen: 46.286 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061791.D
Acq: 28 Feb 2019 16:57

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061791.D

Acq: 28 Feb 2019 16:57

Instrument :

MSVOA_F

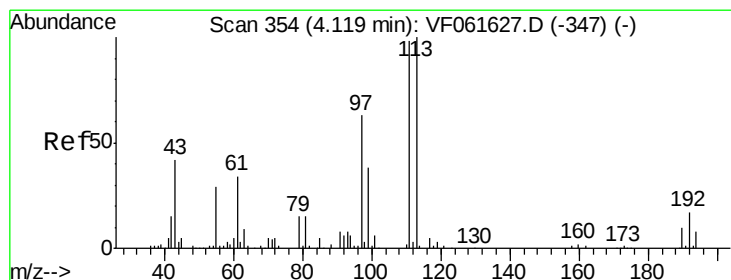
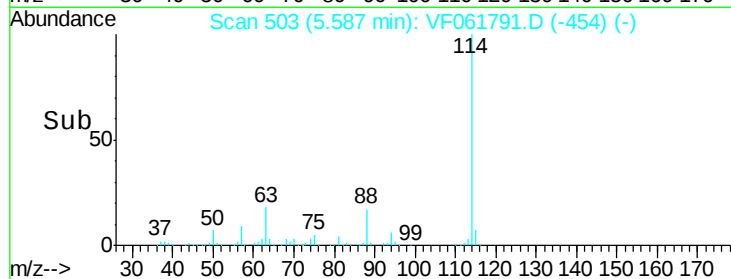
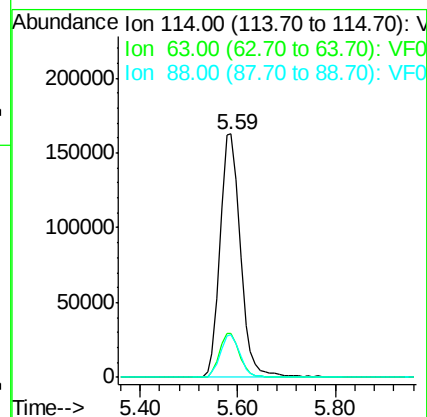
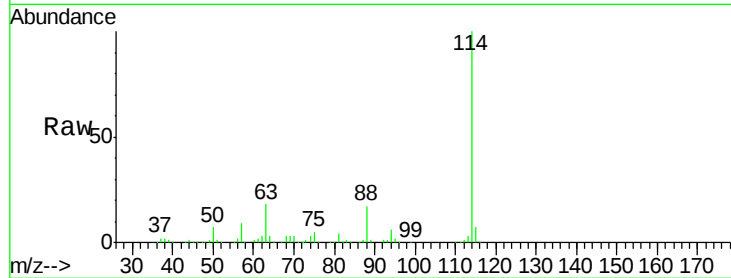
ClientSampleId :

COMP-DAY-2

Tot Ion:	114	Resp:	476899
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	36.6
88	17.3	0.0	34.4

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#35

Dibromofluoromethane

Concen: 45.687 ug/l

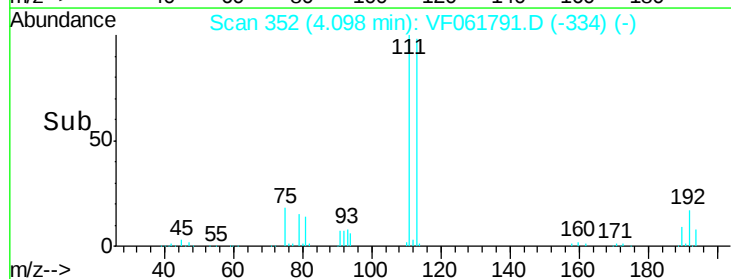
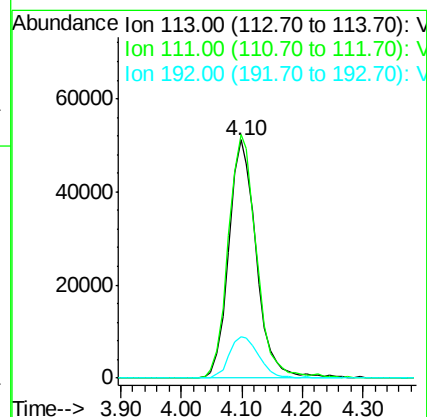
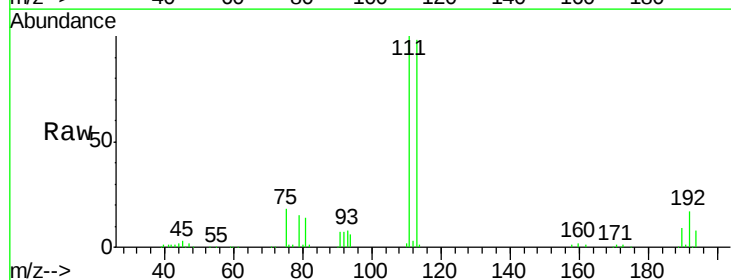
RT: 4.10 min Scan# 352

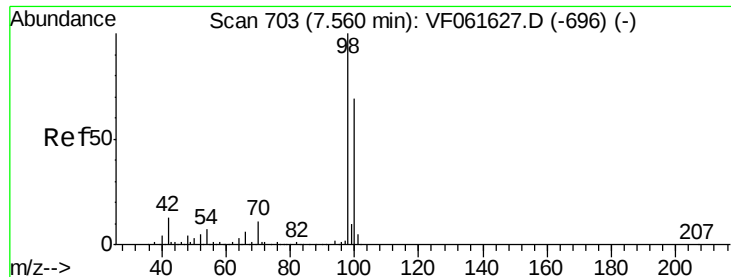
Delta R.T. -0.02 min

Lab File: VF061791.D

Acq: 28 Feb 2019 16:57

Tgt Ion:	113	Resp:	161800
Ion Ratio	Lower	Upper	
113	100		
111	102.1	78.8	118.2
192	17.2	13.4	20.0





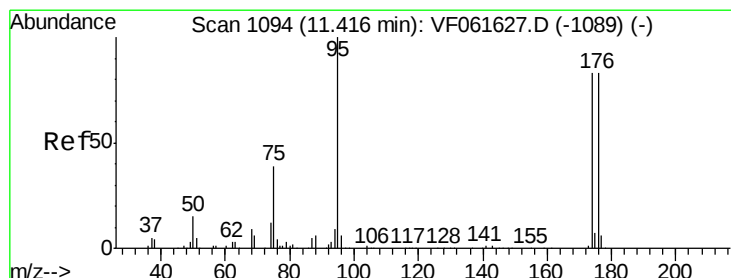
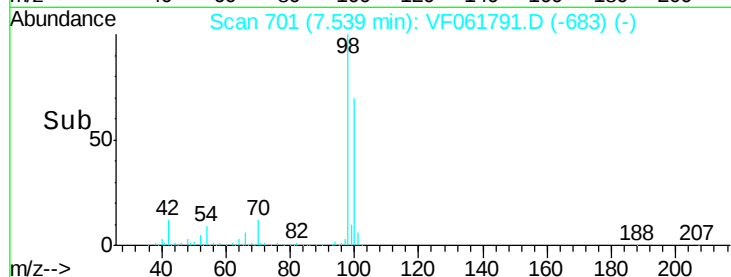
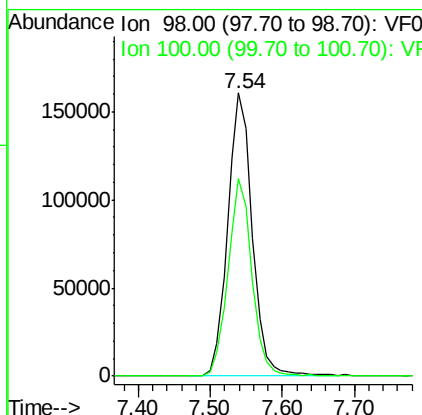
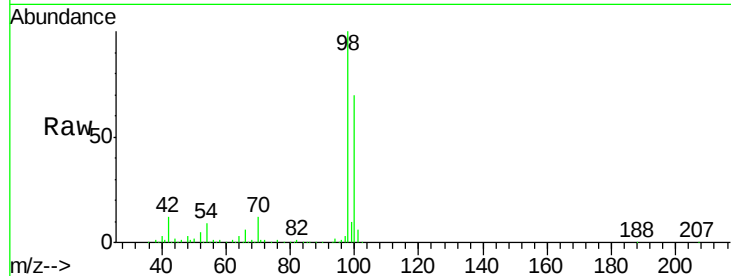
#50
Toluene-d8
Concen: 37.362 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061791.D
Acq: 28 Feb 2019 16:57

Instrument :
MSVOA_F
ClientSampleId :
COMP-DAY-2

Tot Ion: 98 Resp: 380377
Ion Ratio Lower Upper
98 100
100 69.7 55.4 83.2

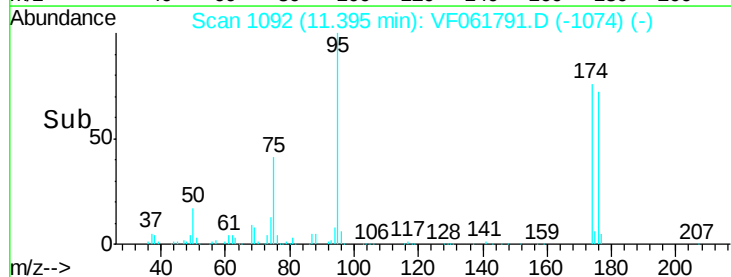
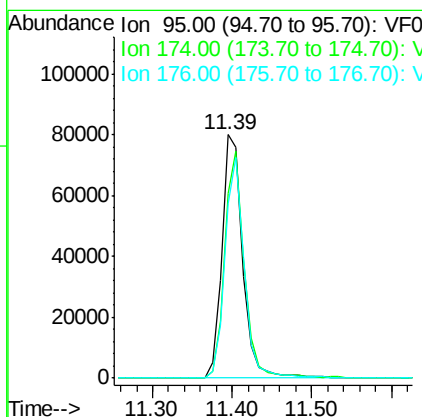
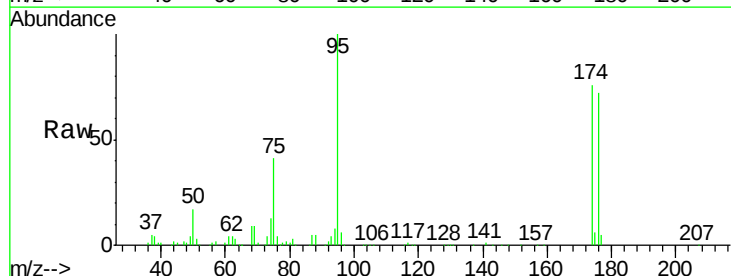
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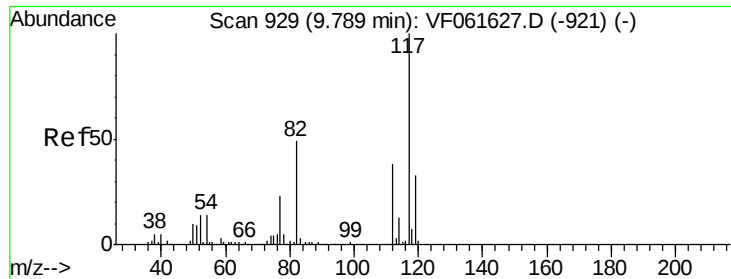
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#62
4-Bromofluorobenzene
Concen: 35.889 ug/l
RT: 11.39 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061791.D
Acq: 28 Feb 2019 16:57

Tgt Ion: 95 Resp: 147840
Ion Ratio Lower Upper
95 100
174 75.7 0.0 165.8
176 71.7 0.0 167.0





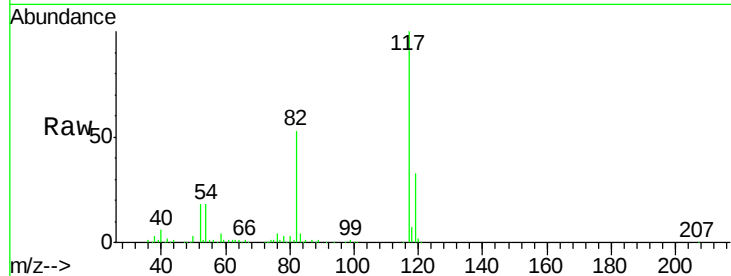
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061791.D
Acq: 28 Feb 2019 16:57

Instrument :
MSVOA_F
ClientSampleId :
COMP-DAY-2

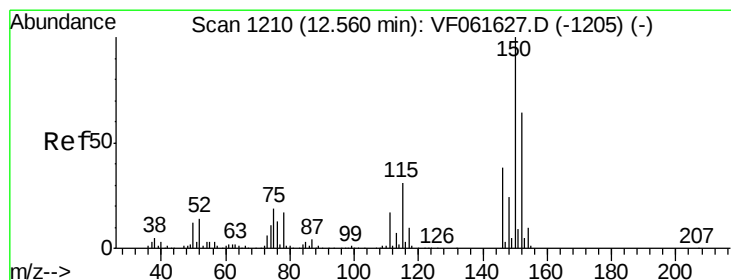
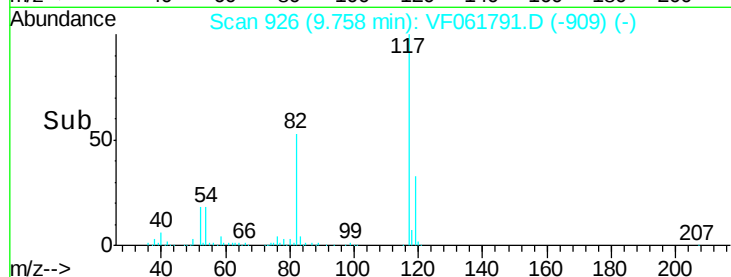
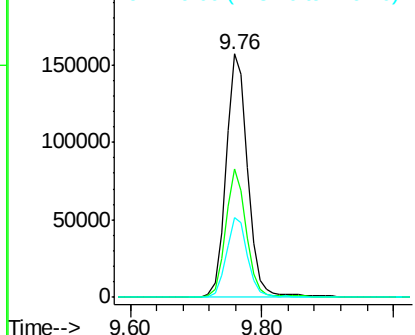
Tot Ion	Ratio	Resp	Lower	Upper
117	100	362870		
82	52.6		39.3	58.9
119	32.6		26.6	40.0

Manual Integrations
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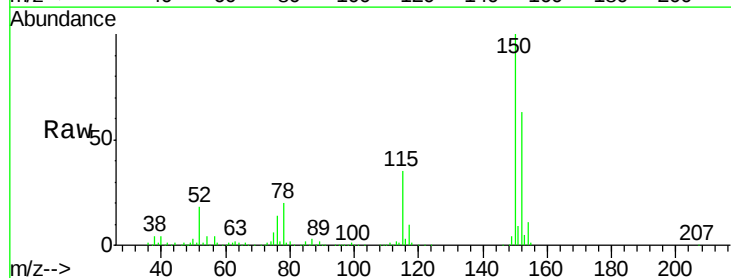


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061791.D
Acq: 28 Feb 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	165697		
115	56.1		24.3	72.8
150	158.6		0.0	312.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

