

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031519\
 Data File : VF061962.D
 Acq On : 15 Mar 2019 15:44
 Operator : VA/AP
 Sample : K1928-05
 Misc : 6.81g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A1-2(3-3.5)

Manual Integrations
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MMDadoda
 3/17/2019 5:22:25 AM

Quant Time: Mar 16 00:06:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	237214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	402908	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	332020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	197465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	95696	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
35) Dibromofluoromethane	4.13	113	128391	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
50) Toluene-d8	7.57	98	361207	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
62) 4-Bromofluorobenzene	11.41	95	151945	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
20) Methylene Chloride	2.26	84	12908m	1.291	ug/l	Qvalue
39) Methylcyclohexane	5.46	83	5447	1.212	ug/l	90
40) Benzene	4.64	78	28391	2.854	ug/l	91
52) Toluene	7.64	92	7573	1.287	ug/l	84

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

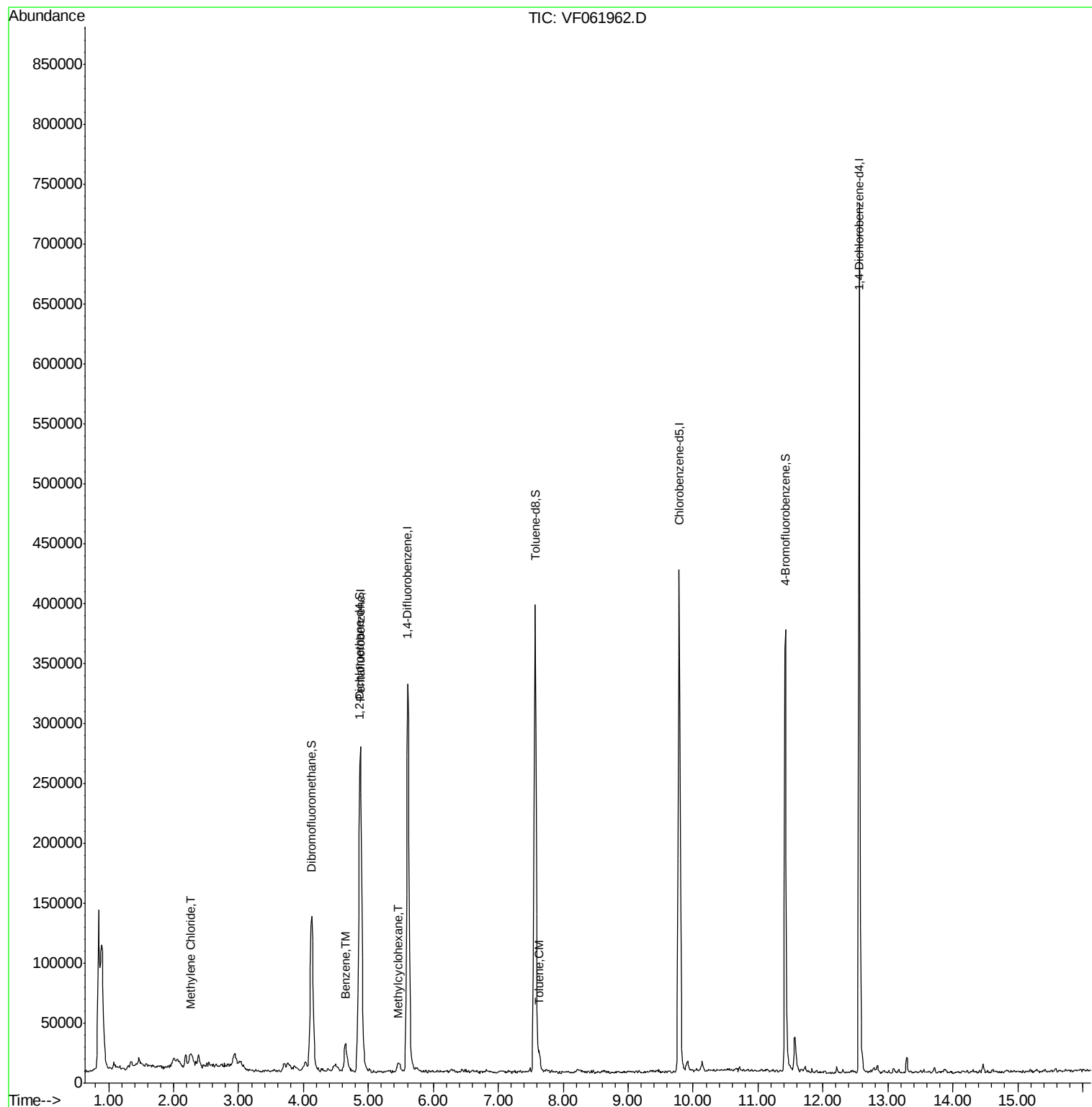
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031519\
Data File : VF061962.D
Acq On : 15 Mar 2019 15:44
Operator : VA/AP
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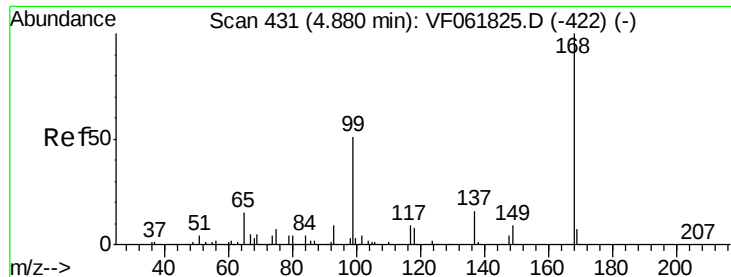
Instrument :
MSVOA_F
ClientSampleId :
A1-2(3-3.5)

Manual Integrations
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Quant Time: Mar 16 00:06:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.00 min

Lab File: VF061962.D

Acq: 15 Mar 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

A1-2(3-3.5)

Tot Ion:168 Resp: 237214

Ion Ratio Lower Upper

168 100

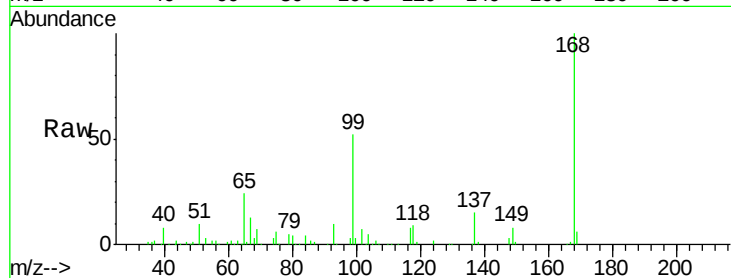
99 52.3 40.8 61.2

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

80000

60000

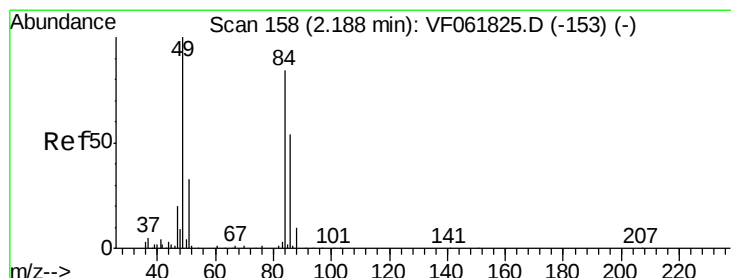
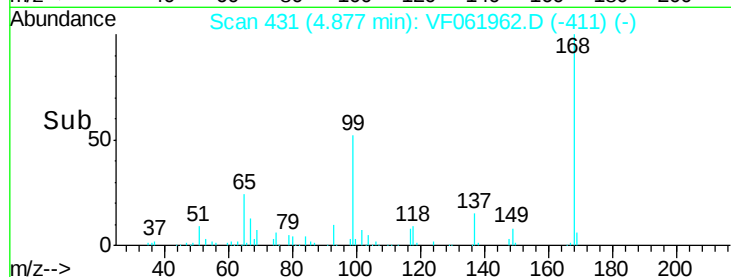
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 1.291 ug/l m

RT: 2.26 min Scan# 166

Delta R.T. 0.08 min

Lab File: VF061962.D

Acq: 15 Mar 2019 15:44

Tgt Ion: 84 Resp: 12908

Ion Ratio Lower Upper

84 100

49 110.8 96.8 145.2

51 22.9 31.8 47.6#

86 54.2 51.6 77.4

Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

4000

3000

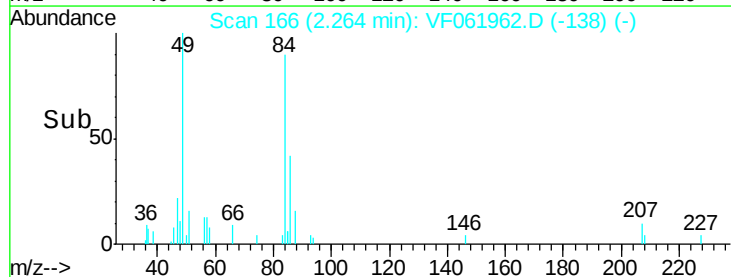
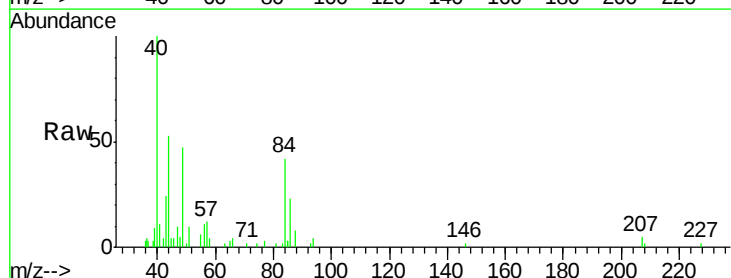
2000

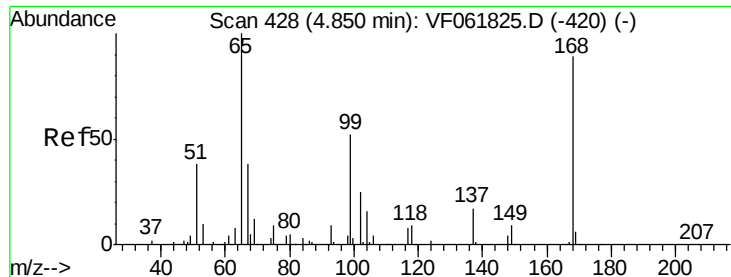
1000

0

2.10 2.20 2.30 2.40

Time-->





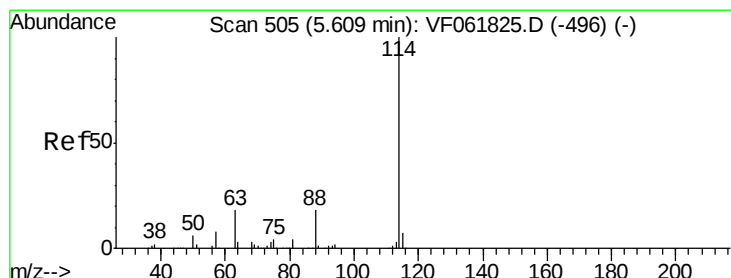
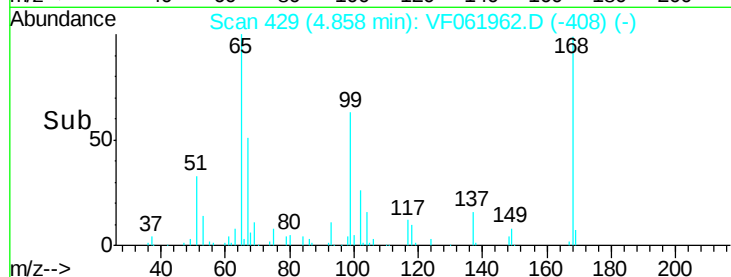
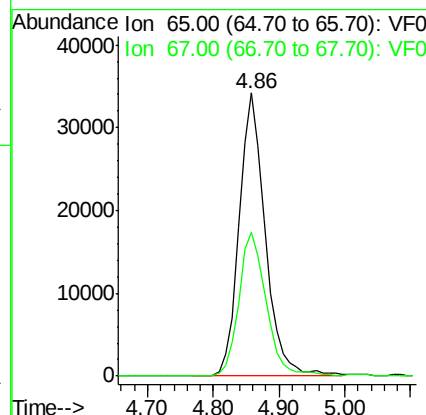
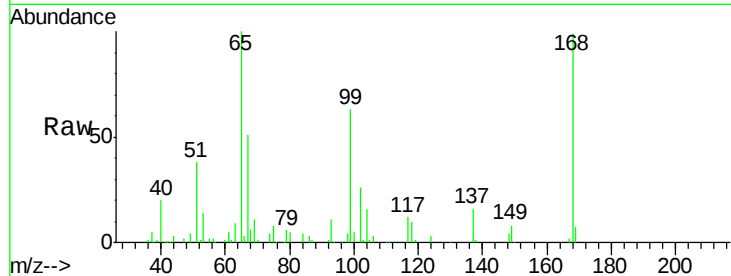
#33
 1,2-Dichloroethane-d4
 Concen: 55.396 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: VF061962.D
 Acq: 15 Mar 2019 15:44

Instrument :
 MSVOA_F
 ClientSampleId :
 A1-2(3-3.5)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	95696		
67	51.0	0.0	108.6	

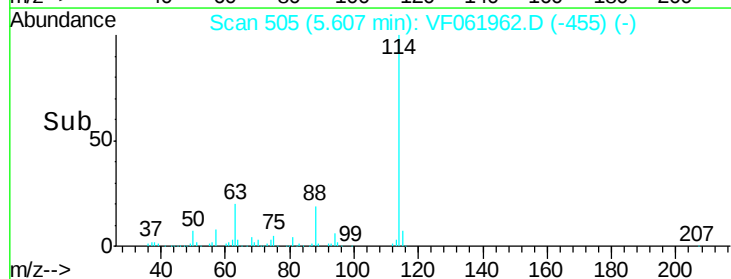
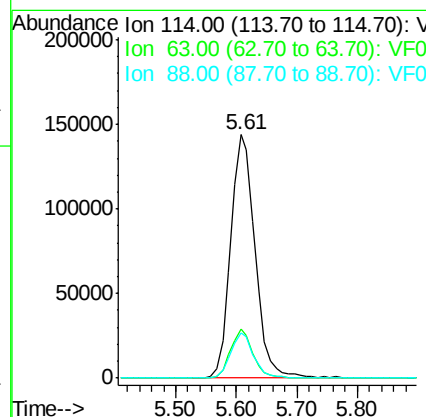
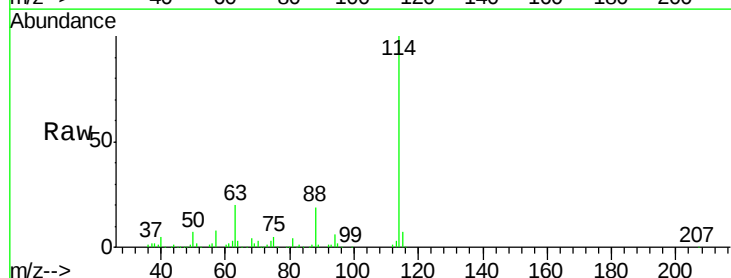
Manual Integrations
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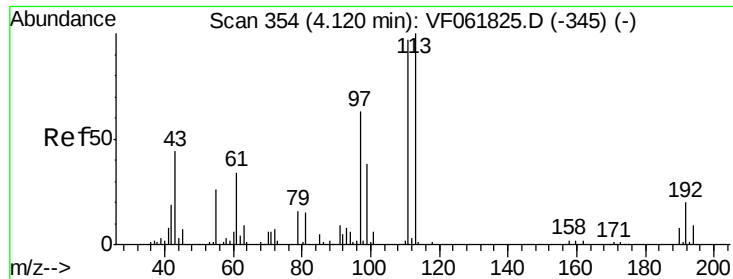
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: VF061962.D
 Acq: 15 Mar 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	402908		
63	20.3	0.0	35.6	
88	18.6	0.0	35.6	





#35

Dibromofluoromethane

Concen: 45.662 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.01 min

Lab File: VF061962.D

Acq: 15 Mar 2019 15:44

Instrument :

MSVOA_F

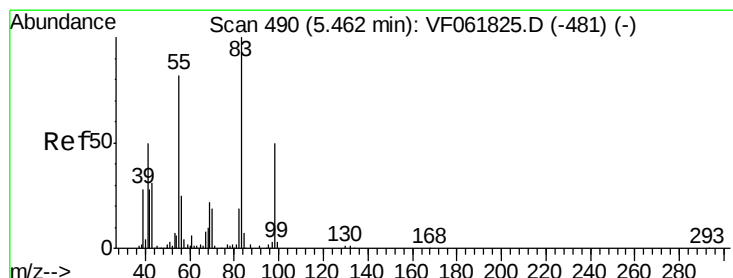
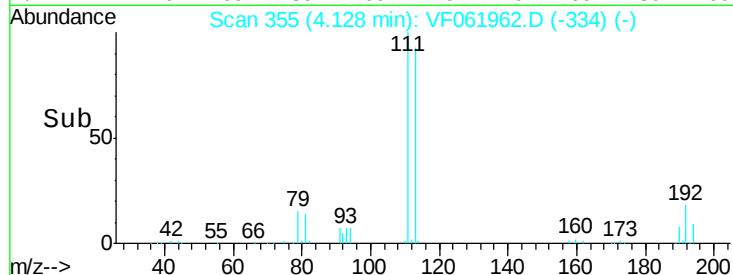
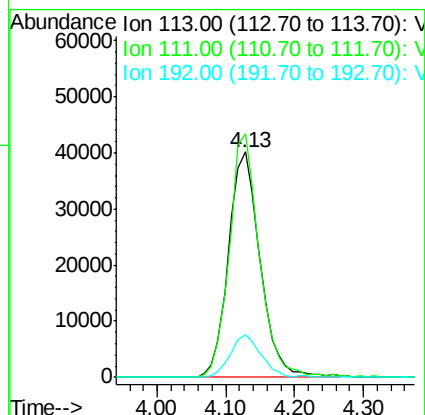
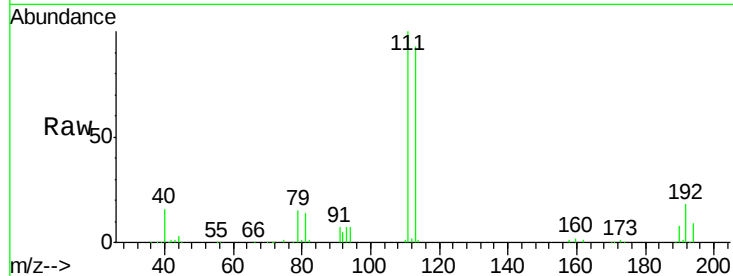
ClientSampleId :

A1-2(3-3.5)

Tot Ion:	113	Resp:	128391
Ion Ratio	Lower	Upper	
113	100		
111	107.9	77.6	116.4
192	19.1	15.9	23.9

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#39

Methylcyclohexane

Concen: 1.212 ug/l

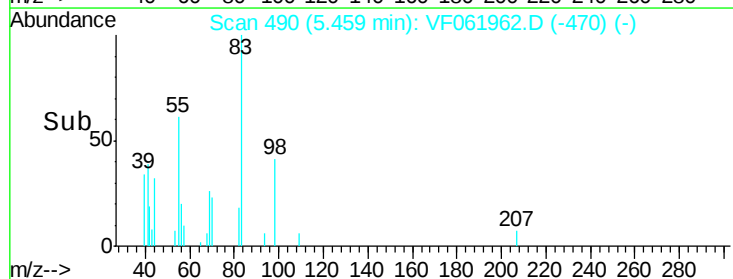
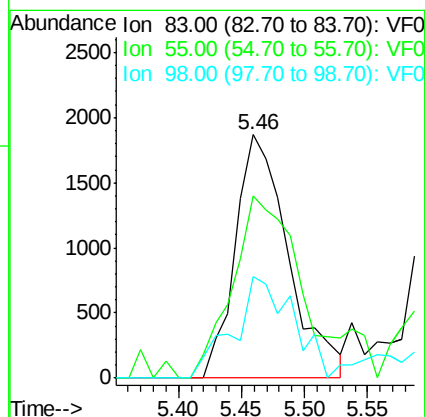
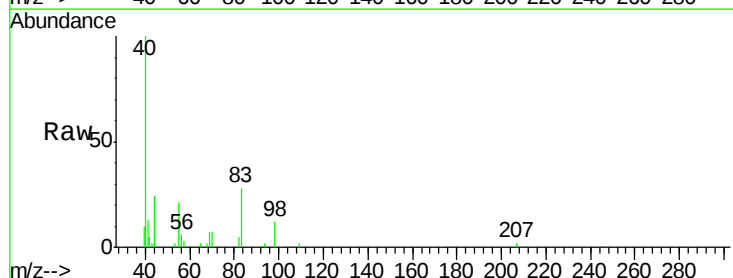
RT: 5.46 min Scan# 490

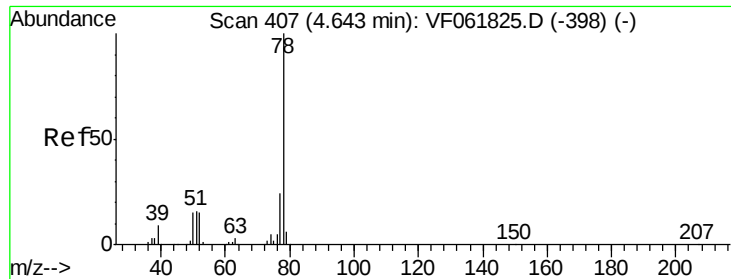
Delta R.T. -0.00 min

Lab File: VF061962.D

Acq: 15 Mar 2019 15:44

Tgt Ion:	83	Resp:	5447
Ion Ratio	Lower	Upper	
83	100		
55	75.0	66.0	99.0
98	41.5	39.8	59.6





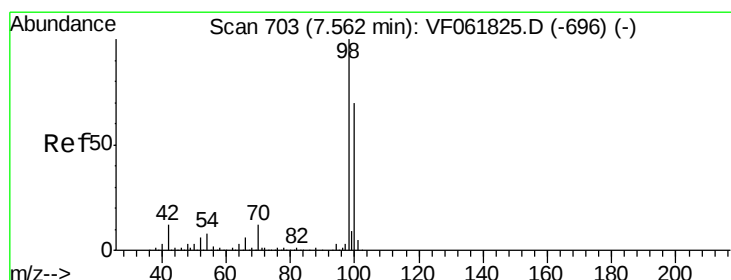
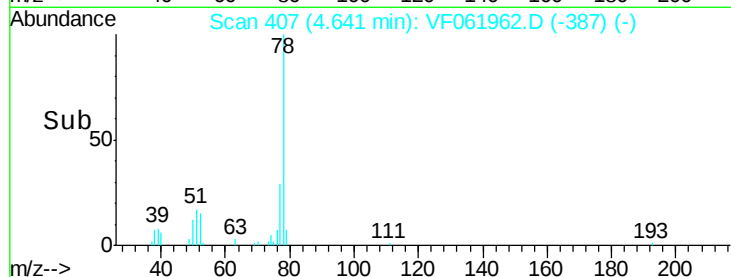
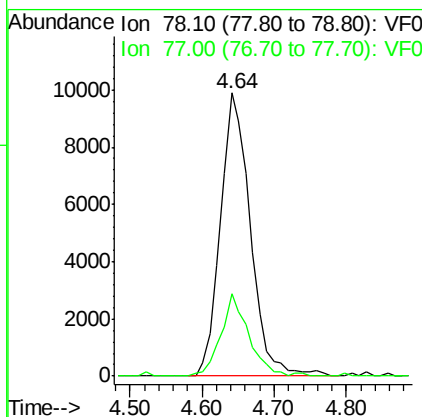
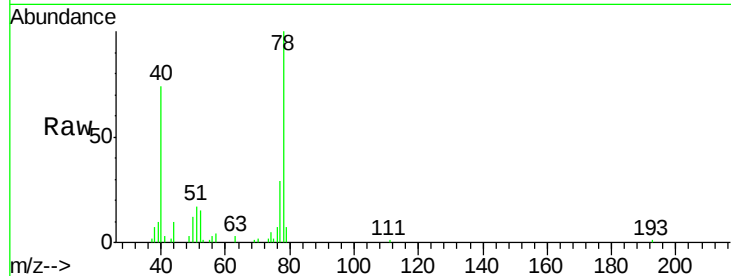
#40
Benzene
Concen: 2.854 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.00 min
Lab File: VF061962.D
Acq: 15 Mar 2019 15:44

Instrument :
MSVOA_F
ClientSampleId :
A1-2(3-3.5)

Tot Ion	78	Resp	28391
Ion Ratio	Lower	Upper	
78	100		
77	28.9	19.5	29.3

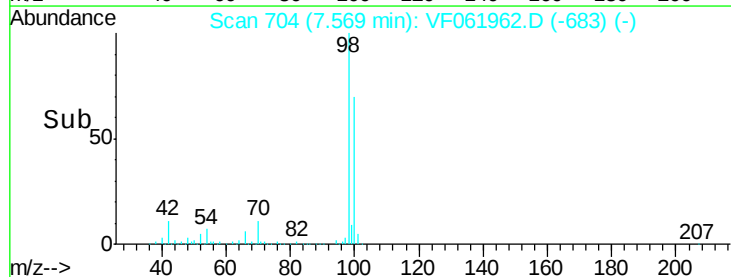
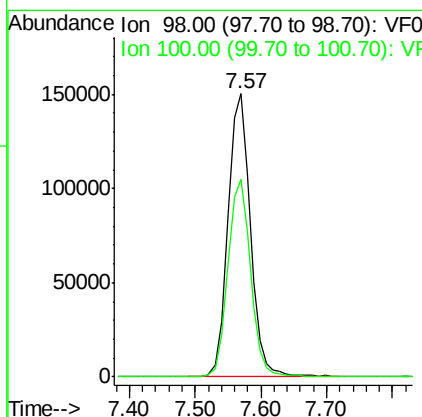
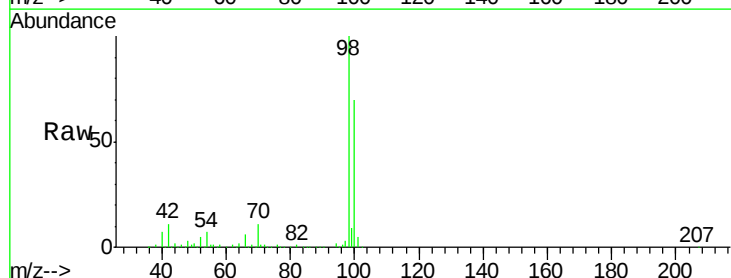
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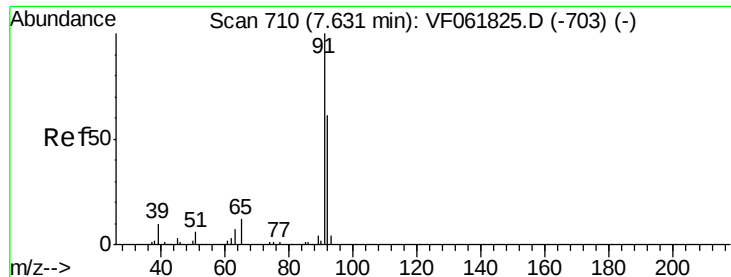
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#50
Toluene-d8
Concen: 43.220 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF061962.D
Acq: 15 Mar 2019 15:44

Tgt Ion	98	Resp	361207
Ion Ratio	Lower	Upper	
98	100		
100	69.6	56.0	84.0





#52

Toluene

Concen: 1.287 ug/l

RT: 7.64 min Scan# 711

Delta R.T. 0.01 min

Lab File: VF061962.D

Acq: 15 Mar 2019 15:44

Instrument :

MSVOA_F

ClientSampled :

A1-2(3-3.5)

Tot Ion: 92 Resp: 7573

Ion Ratio Lower Upper

92 100

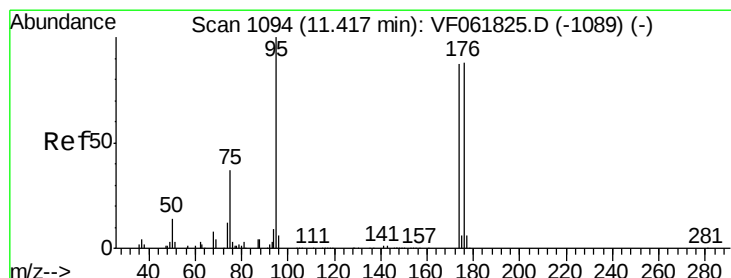
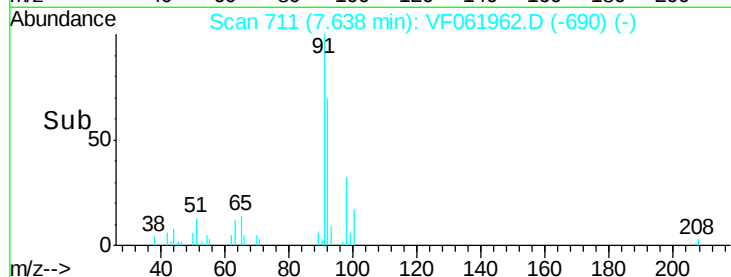
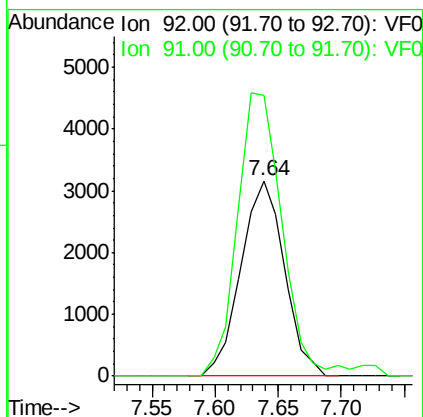
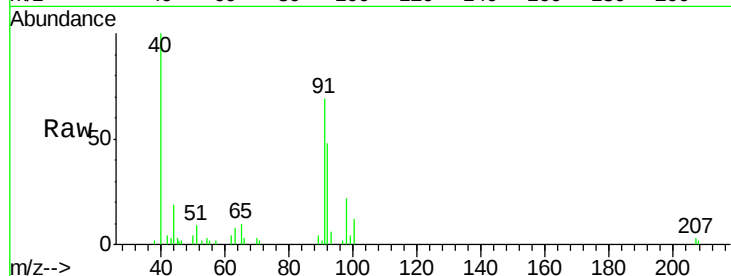
91 143.5 132.0 198.0

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#62

4-Bromofluorobenzene

Concen: 46.412 ug/l

RT: 11.41 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VF061962.D

Acq: 15 Mar 2019 15:44

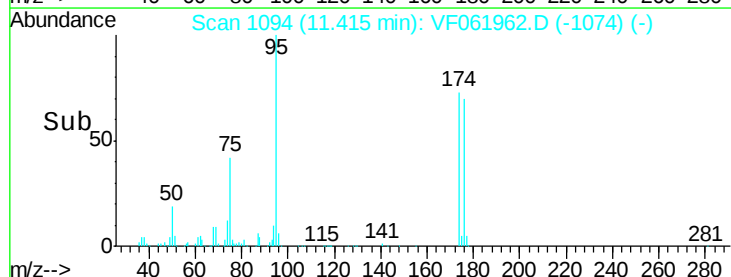
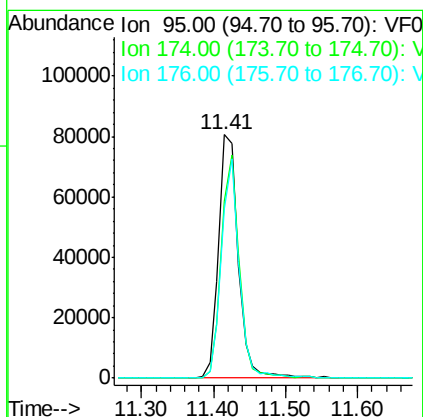
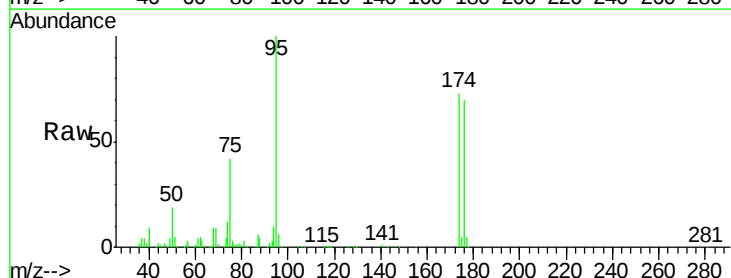
Tgt Ion: 95 Resp: 151945

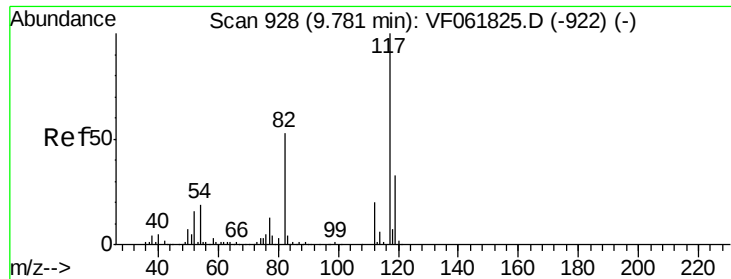
Ion Ratio Lower Upper

95 100

174 72.5 0.0 174.0

176 69.8 0.0 175.2





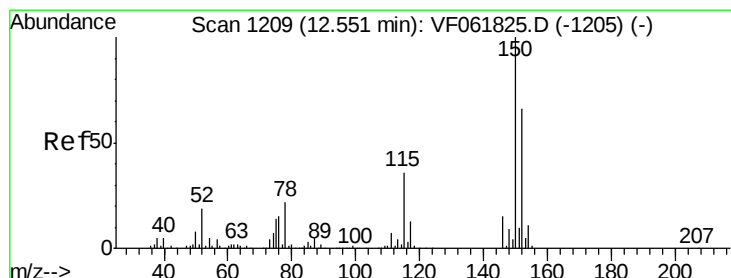
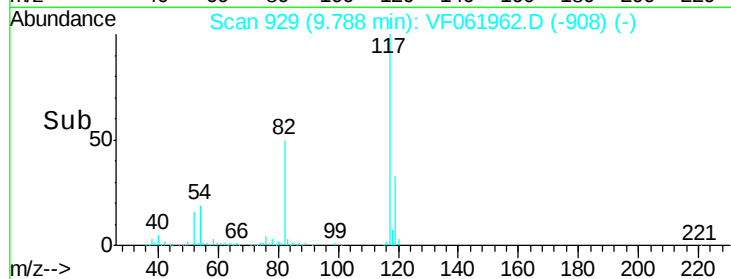
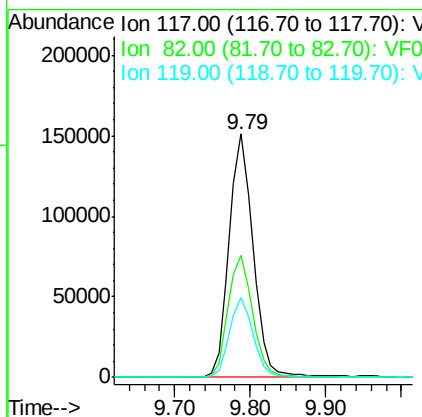
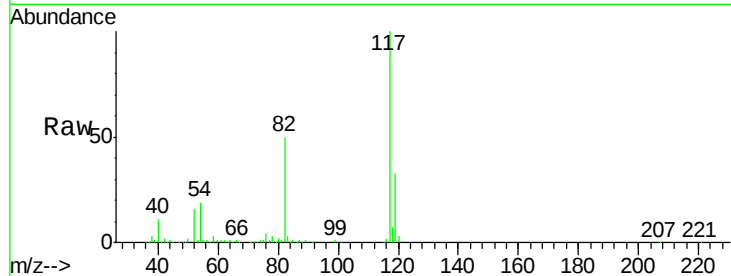
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061962.D
Acq: 15 Mar 2019 15:44

Instrument :
MSVOA_F
ClientSampleId :
A1-2(3-3.5)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	332020		
82	50.0	42.6	63.8	
119	33.0	26.0	39.0	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061962.D
Acq: 15 Mar 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	197465		
115	55.8	27.7	83.1	
150	154.1	0.0	304.2	

