

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060978.D
 Acq On : 11 Dec 2018 16:03
 Operator : VA/AP
 Sample : J6193-01
 Misc : 5.3g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-121018-A

Manual Integrations
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 12/12/2018 1:28:37 PM

Quant Time: Dec 12 06:58:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	218548	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	380047	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	315120	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	107086	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	140314	54.50	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.00%	
35) Dibromofluoromethane	4.12	113	104687	34.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	69.44%	
50) Toluene-d8	7.56	98	338100	38.07	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.14%	
62) 4-Bromofluorobenzene	11.42	95	135924	33.67	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	67.34%	
Target Compounds						
16) Acetone	2.23	43	19487	41.046	ug/l	94
20) Methylene Chloride	2.24	84	26280m	15.089	ug/l	
25) 2-Butanone	4.35	43	5195	6.326	ug/l	94
52) Toluene	7.63	92	9594	1.467	ug/l	94

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

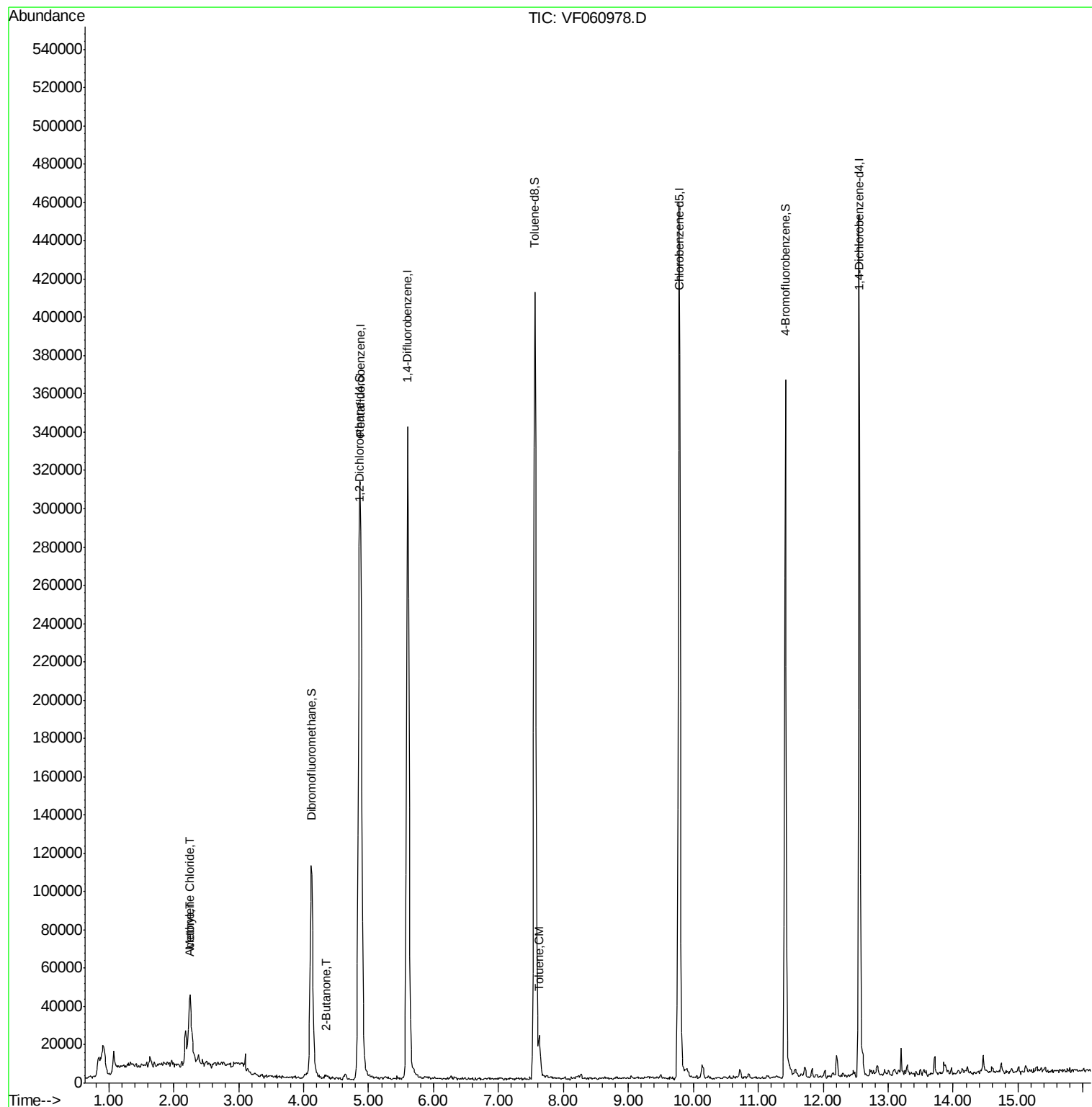
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Data File : VF060978.D
Acq On : 11 Dec 2018 16:03
Operator : VA/AP
Sample : J6193-01
Misc : 5.3g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

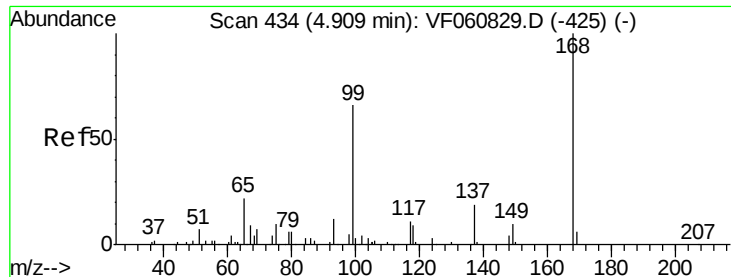
Instrument :
MSVOA_F
ClientSampleId :
CL-01-121018-A

Manual Integrations
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Quant Time: Dec 12 06:58:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF060978.D

Acq: 11 Dec 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

CL-01-121018-A

Tot Ion:168 Resp: 218548

Ion Ratio Lower Upper

168 100

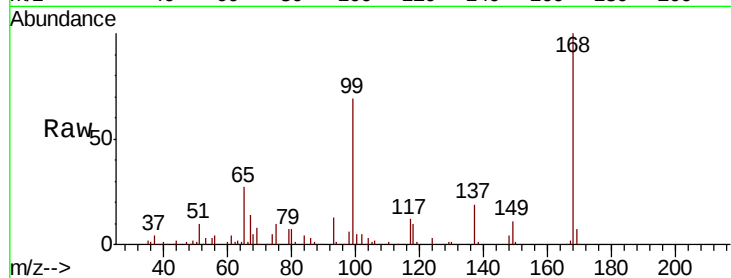
99 68.7 52.6 79.0

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

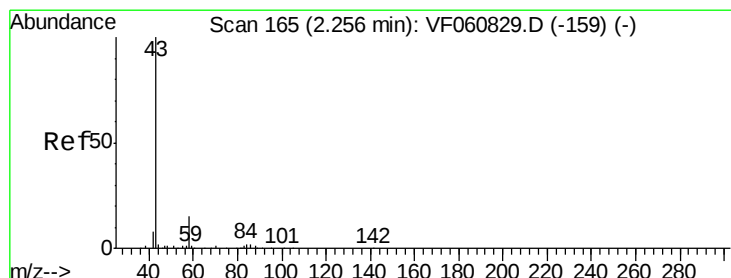
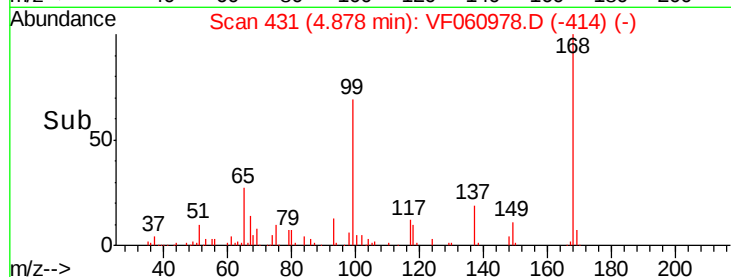
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 41.046 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060978.D

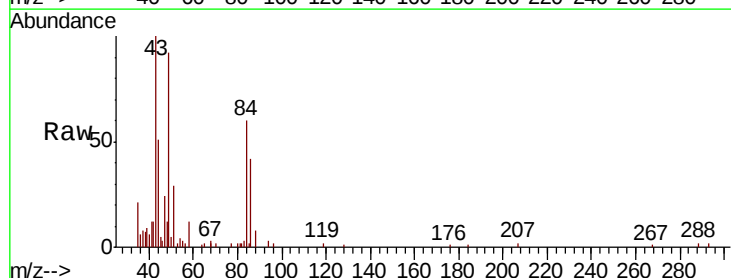
Acq: 11 Dec 2018 16:03

Tgt Ion: 43 Resp: 19487

Ion Ratio Lower Upper

43 100

58 11.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

8000

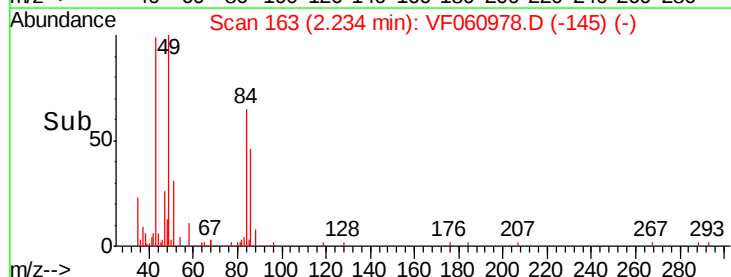
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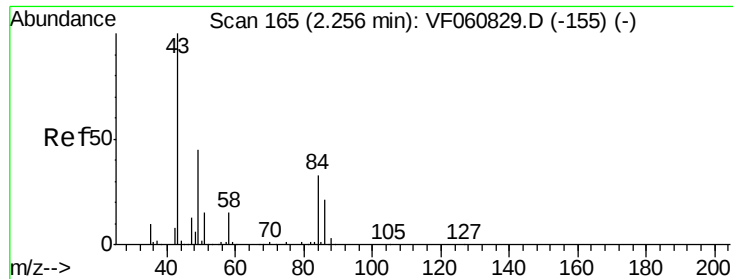
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2000

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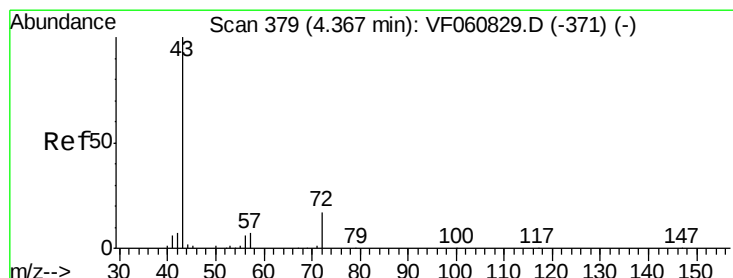
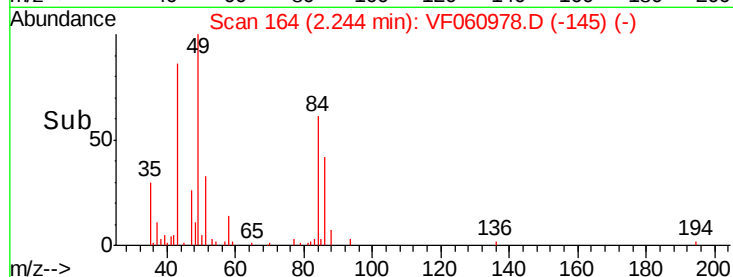
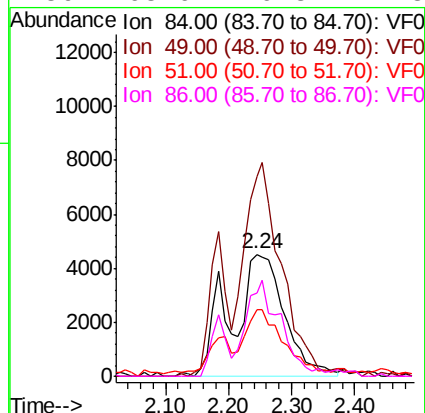
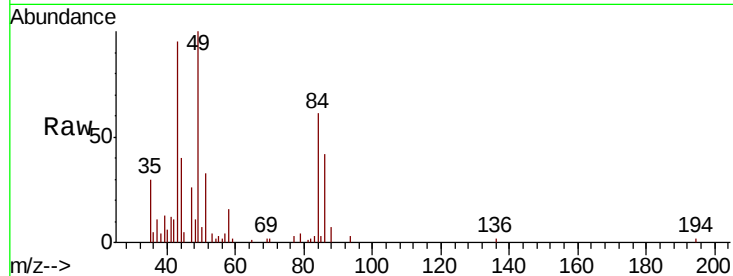
#20
Methvlene Chloride
Concen: 15.089 ug/l m
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060978.D
Acq: 11 Dec 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-01-121018-A

Tot Ion	Ratio	Lower	Upper
84	100		
49	163.8	111.3	166.9
51	54.8	38.0	57.0
86	68.6	49.8	74.8

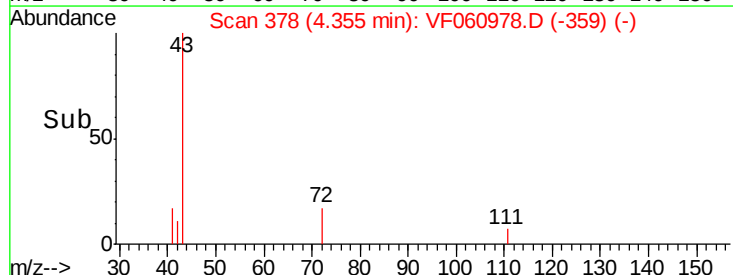
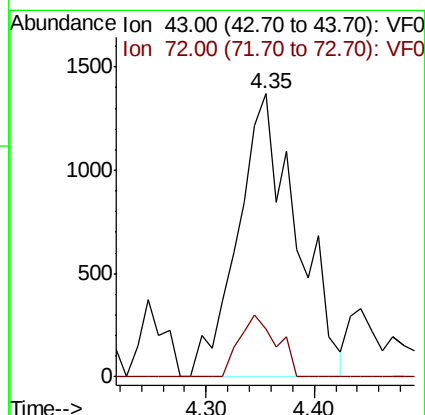
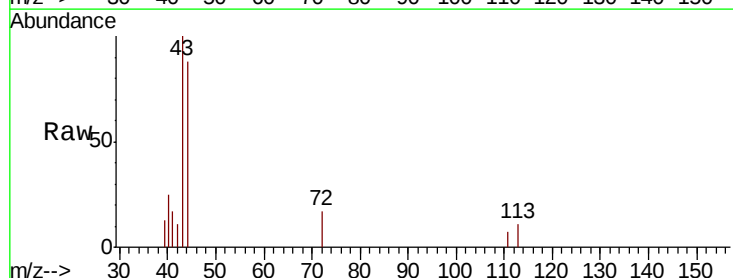
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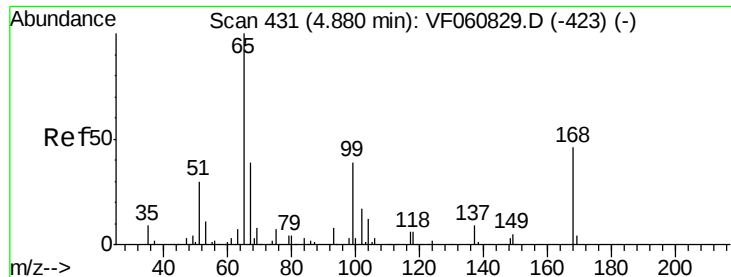
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#25
2-Butanone
Concen: 6.326 ug/l
RT: 4.35 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF060978.D
Acq: 11 Dec 2018 16:03

Tgt Ion	Ratio	Lower	Upper
43	100		
72	16.7	15.4	23.2





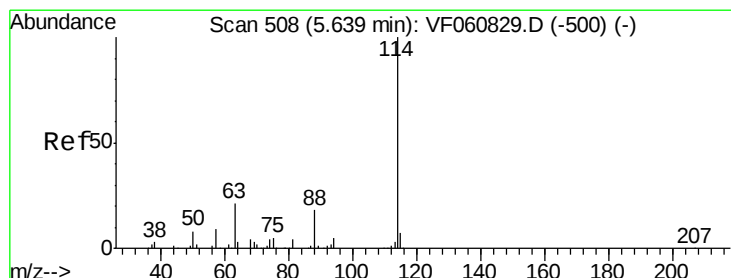
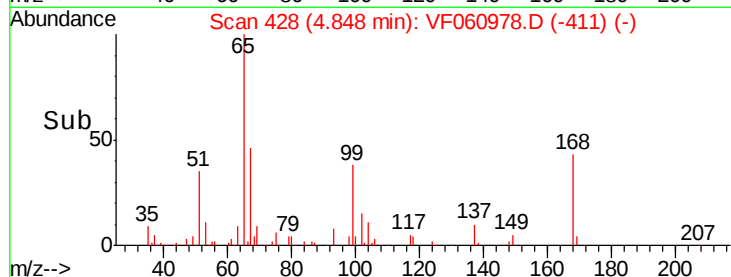
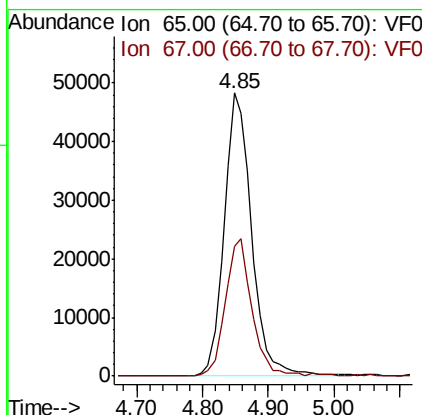
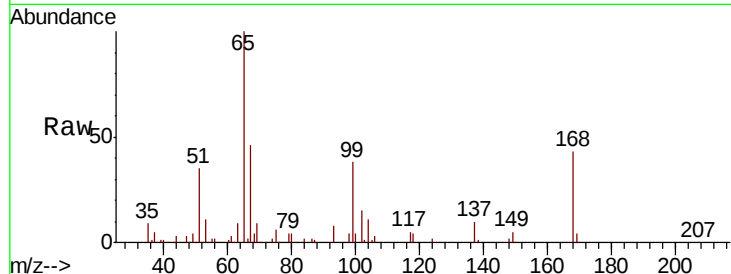
#33
 1,2-Dichloroethane-d4
 Concen: 54.500 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.03 min
 Lab File: VF060978.D
 Acq: 11 Dec 2018 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-121018-A

Tot Ion	Ratio	Resp	Lower	Upper
65	100	140314		
67	46.0	0.0	96.4	

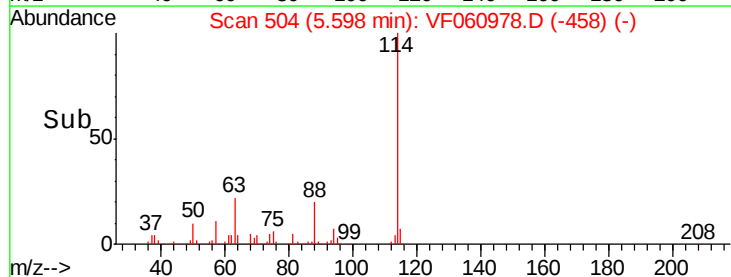
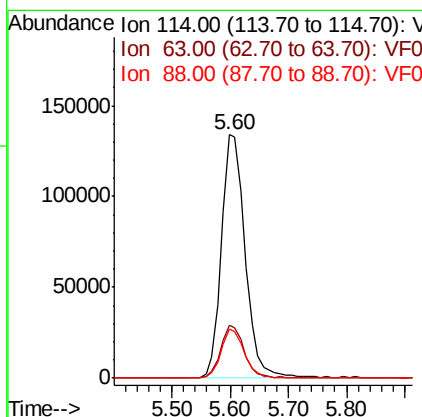
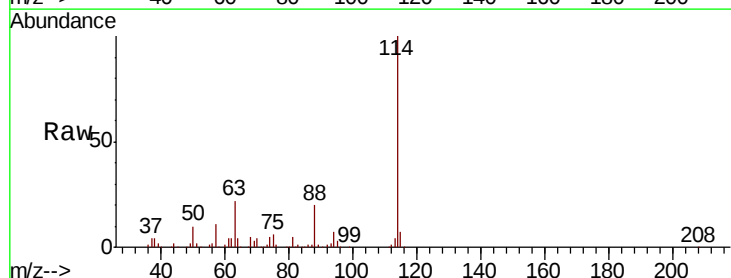
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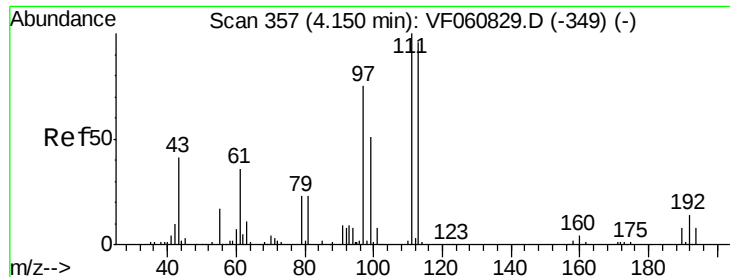
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.04 min
 Lab File: VF060978.D
 Acq: 11 Dec 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	380047		
63	21.7	0.0	41.6	
88	20.3	0.0	36.6	





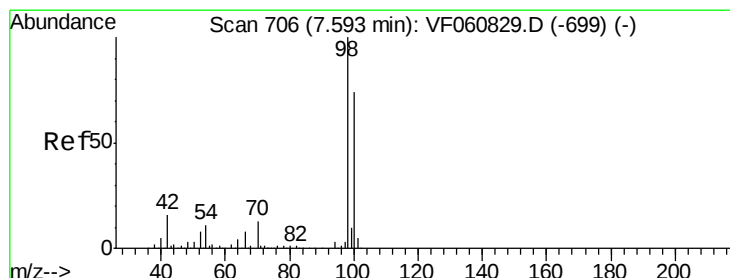
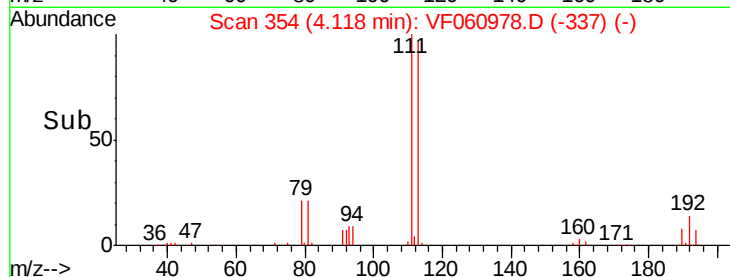
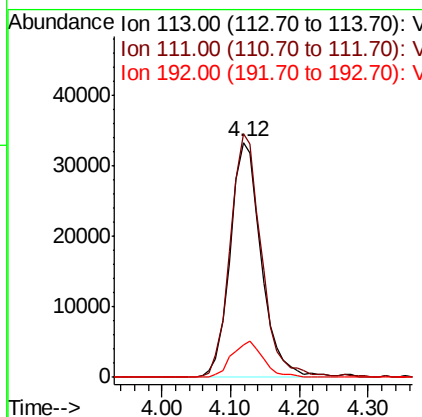
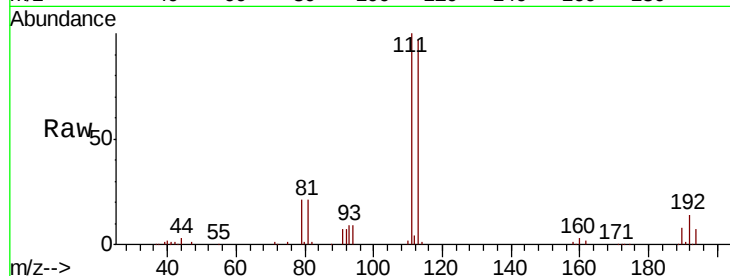
#35
 Dibromofluoromethane
 Concen: 34.722 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.03 min
 Lab File: VF060978.D
 Acq: 11 Dec 2018 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-121018-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.6
192	14.4	12.3	18.5

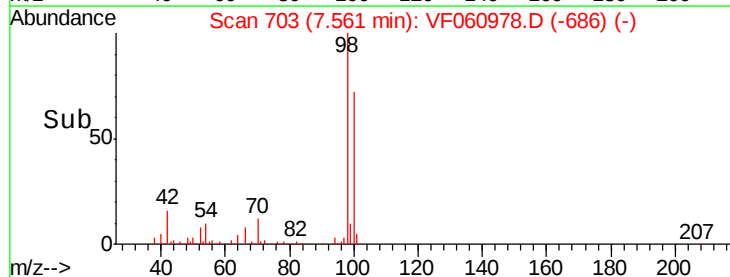
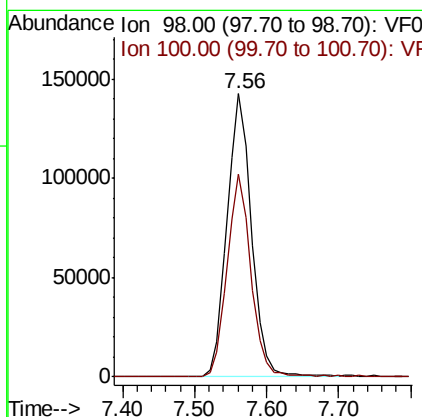
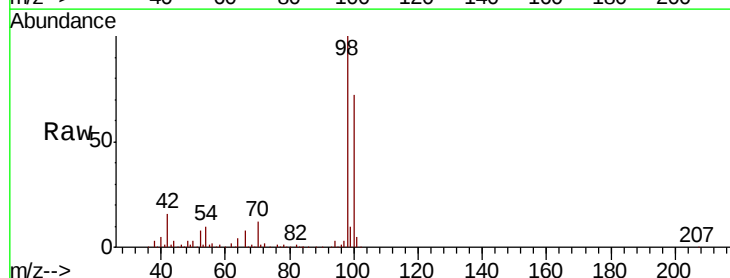
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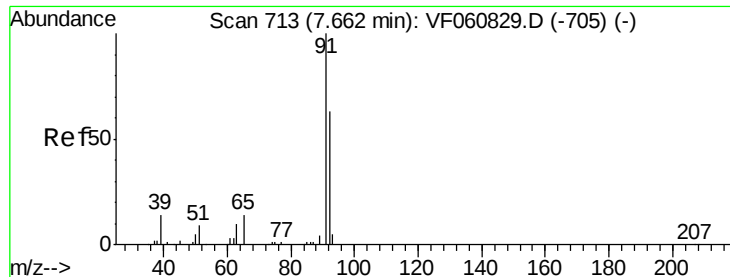
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#50
 Toluene-d8
 Concen: 38.069 ug/l
 RT: 7.56 min Scan# 703
 Delta R.T. -0.03 min
 Lab File: VF060978.D
 Acq: 11 Dec 2018 16:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.8	59.3	88.9





#52

Toluene

Concen: 1.467 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.03 min

Lab File: VF060978.D

Acq: 11 Dec 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

CL-01-121018-A

Tot Ion: 92 Resp: 9594

Ion Ratio Lower Upper

92 100

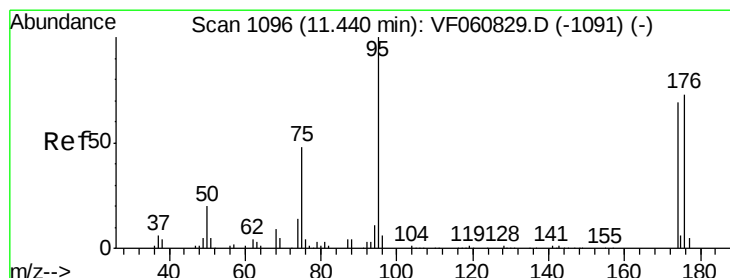
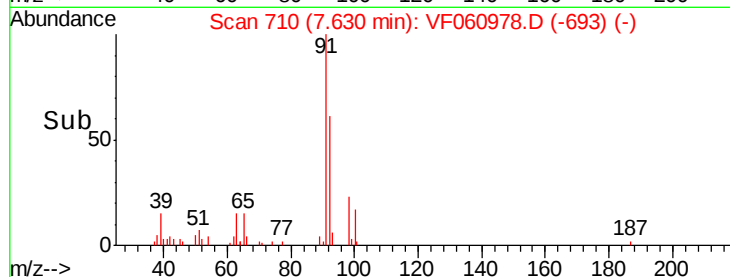
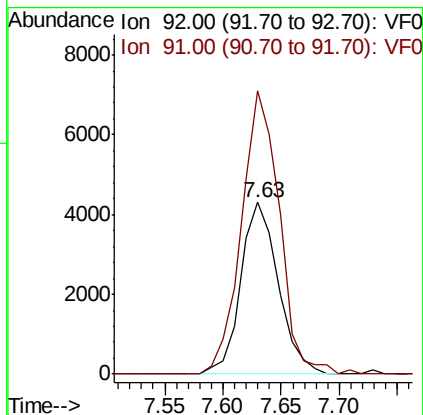
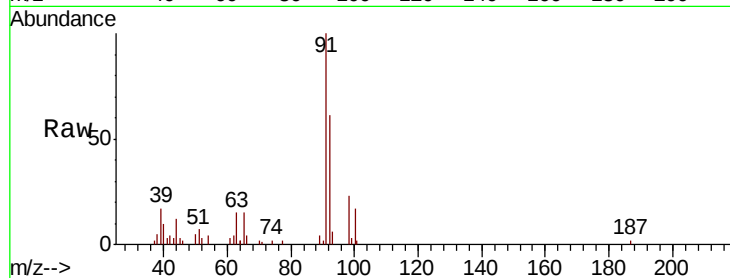
91 165.0 126.2 189.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 33.674 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF060978.D

Acq: 11 Dec 2018 16:03

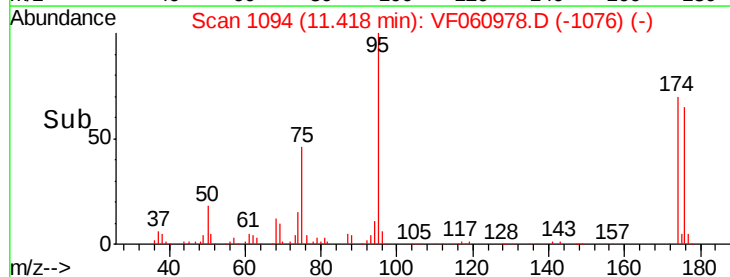
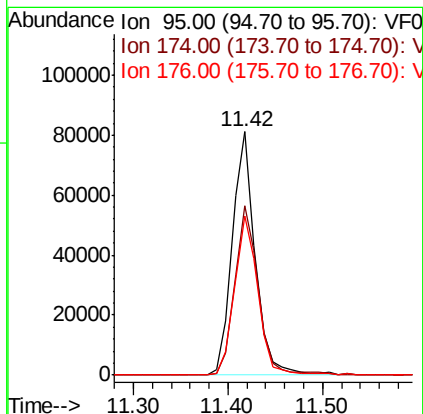
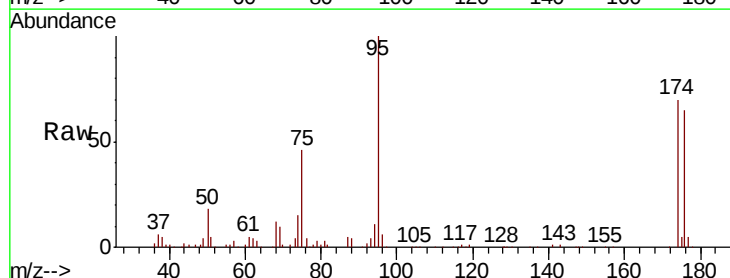
Tgt Ion: 95 Resp: 135924

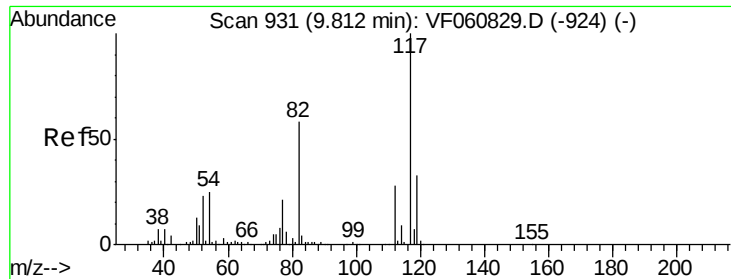
Ion Ratio Lower Upper

95 100

174 69.6 0.0 138.2

176 65.5 0.0 146.2





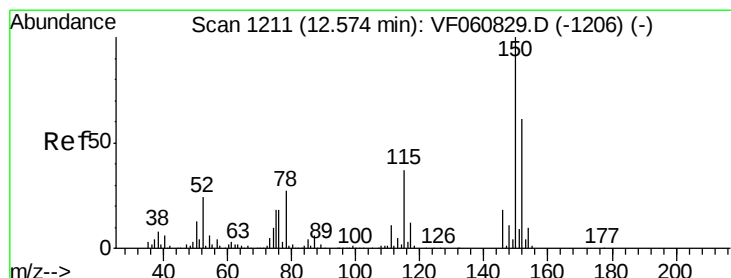
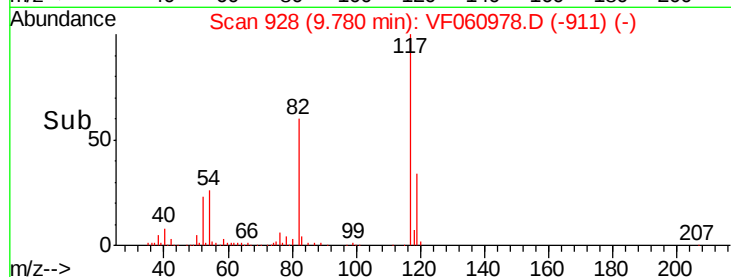
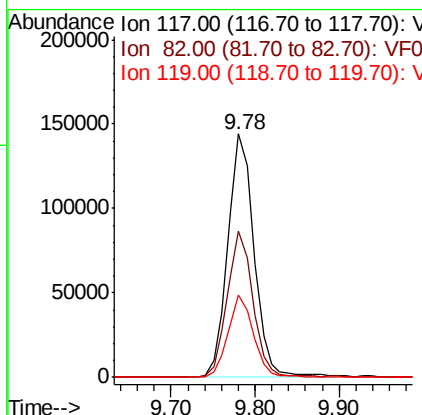
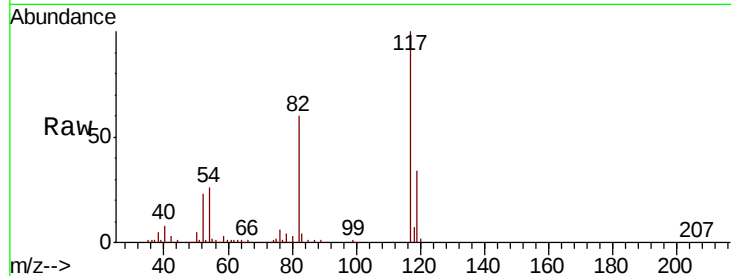
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060978.D
Acq: 11 Dec 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-01-121018-A

Tot Ion	Ratio	Resp	Lower	Upper
117	100	315120		
82	59.9	46.6	69.8	
119	33.9	26.4	39.6	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060978.D
Acq: 11 Dec 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	107086		
115	66.2	30.1	90.5	
150	168.4	0.0	327.6	

