

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
 Data File : VF060848.D
 Acq On : 27 Nov 2018 19:47
 Operator : VA/AP
 Sample : J6082-01RE
 Misc : 7.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S49-0490RE

Manual Integrations
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 11/28/2018 2:37:38 PM

Quant Time: Nov 28 03:50:59 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	4.91	168	183335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.63	114	294778	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.81	117	259854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	138657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	98938	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
35) Dibromofluoromethane	4.15	113	116232	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	7.59	98	324212	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	11.44	95	138493	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
16) Acetone	2.25	43	16384	41.14	ug/l	Qvalue # 93
20) Methylene Chloride	2.24	84	12386m	8.48	ug/l	
27) cis-1,2-Dichloroethene	3.50	96	14156	6.21	ug/l	94
44) Trichloroethene	5.53	130	91289	38.65	ug/l	97
64) Tetrachloroethene	8.19	164	1107514	558.01	ug/l	95

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

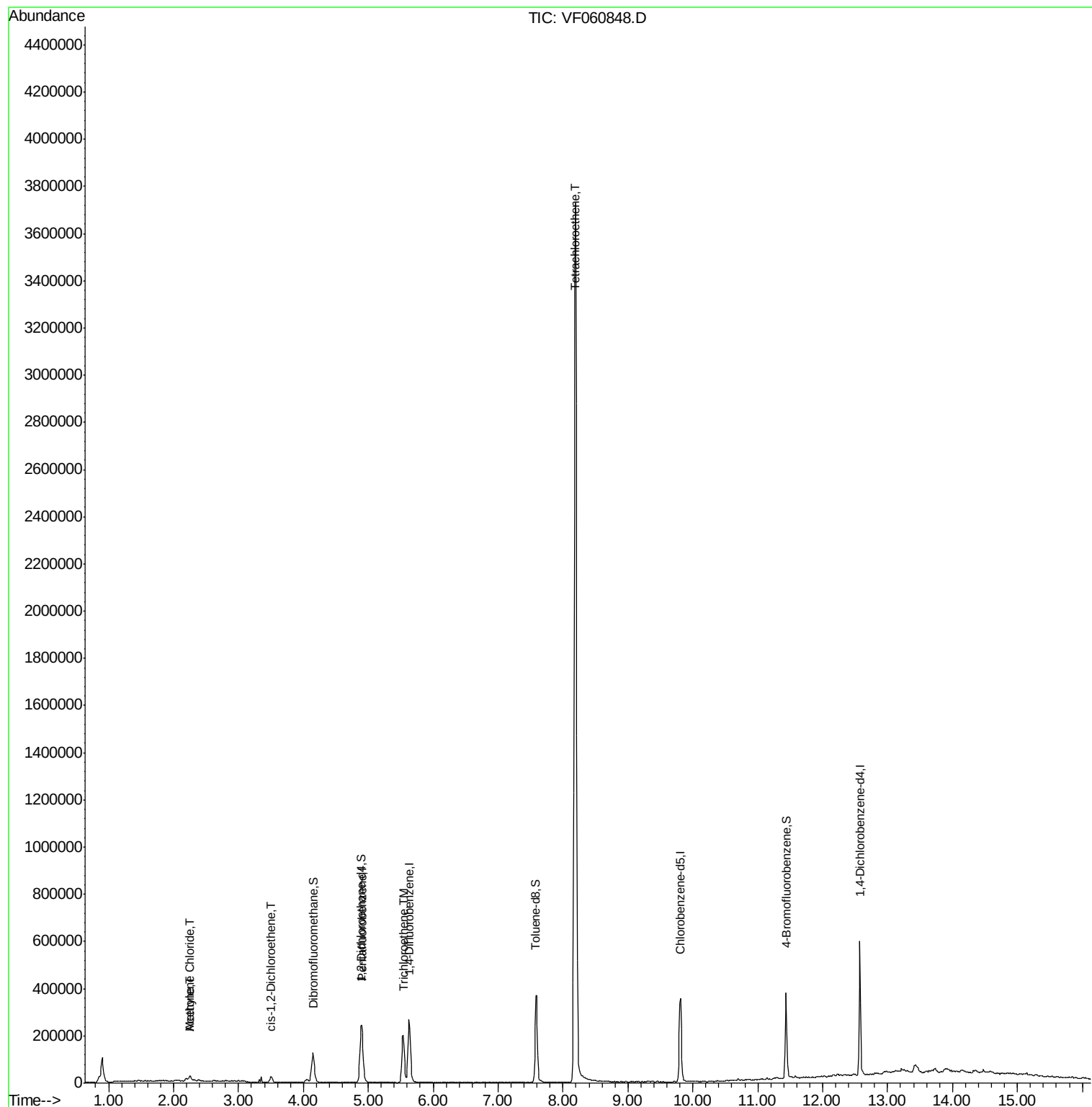
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
Data File : VF060848.D
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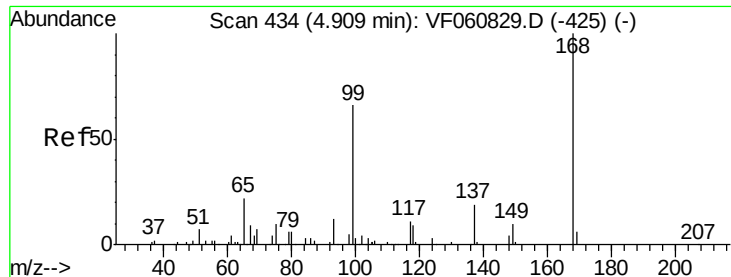
Instrument :
MSVOA_F
ClientSampleId :
S49-0490RE

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Quant Time: Nov 28 03:50:59 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: 50.00 ug/l

RT: 4.91 min Scan# 434

Delta R.T. -0.00 min

Lab File: VF060848.D

Acq: 27 Nov 2018 19:47

Instrument :

MSVOA_F

ClientSampleId :

S49-0490RE

Tgt Ion:168 Resp: 183335

Ion Ratio Lower Upper

168 100

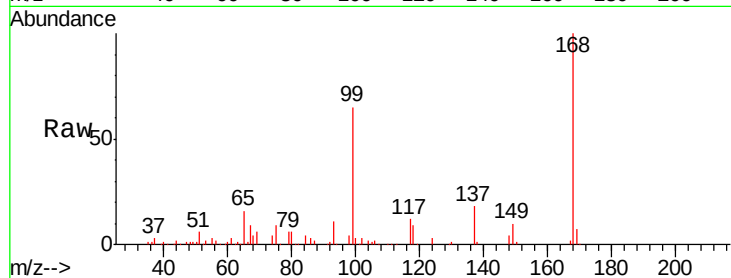
99 65.2 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.91

60000

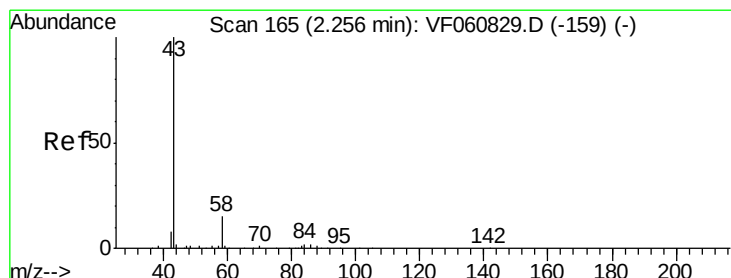
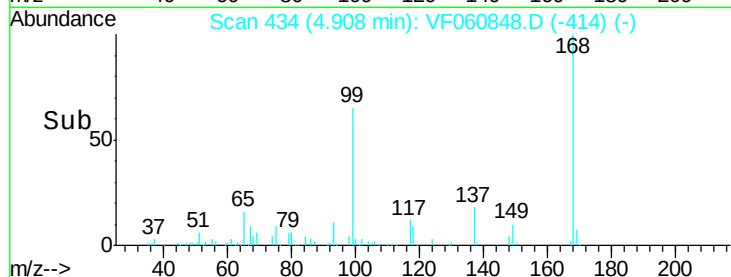
40000

20000

0

4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 41.14 ug/l

RT: 2.25 min Scan# 165

Delta R.T. -0.00 min

Lab File: VF060848.D

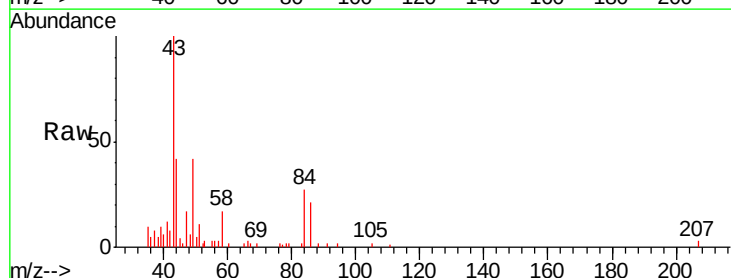
Acq: 27 Nov 2018 19:47

Tgt Ion: 43 Resp: 16384

Ion Ratio Lower Upper

43 100

58 17.2 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

8000

6000

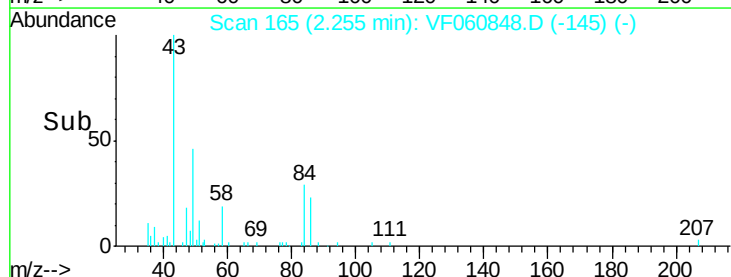
4000

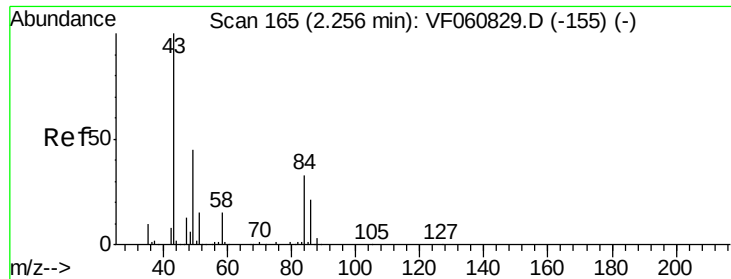
2000

0

2.20 2.30

Time-->





#20

Methylene Chloride

Concen: 8.48 ug/l m

RT: 2.24 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060848.D

Acq: 27 Nov 2018 19:47

Instrument :

MSVOA_F

ClientSampleId :

S49-0490RE

Tgt Ion: 84 Resp: 12386

Ion Ratio Lower Upper

84 100

49 134.4 111.3 166.9

51 62.1 38.0 57.0#

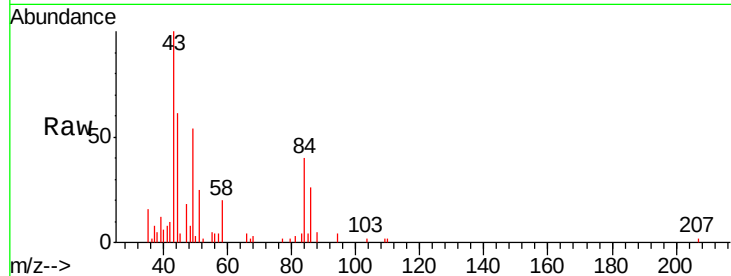
86 65.2 49.8 74.8

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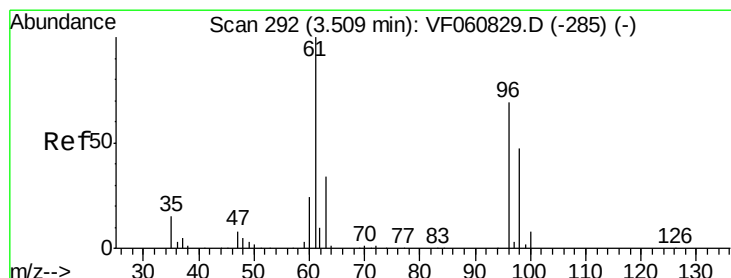
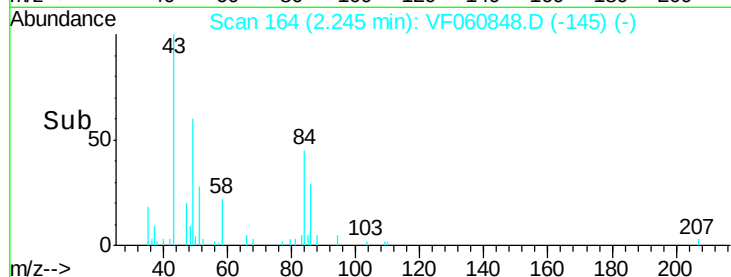
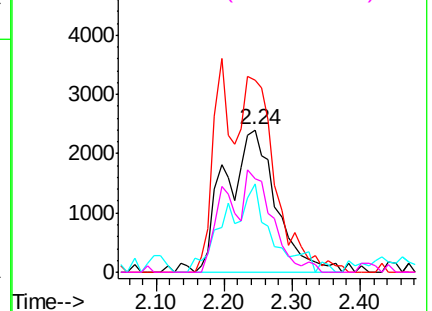


Abundance Ion 84.00 (83.70 to 84.70): VF0

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



#27

cis-1,2-Dichloroethene

Concen: 6.21 ug/l

RT: 3.50 min Scan# 291

Delta R.T. -0.01 min

Lab File: VF060848.D

Acq: 27 Nov 2018 19:47

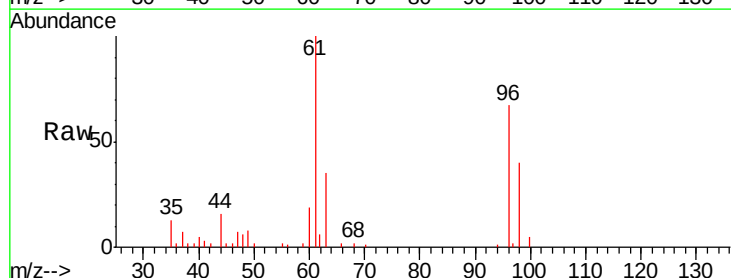
Tgt Ion: 96 Resp: 14156

Ion Ratio Lower Upper

96 100

61 150.3 0.0 290.6

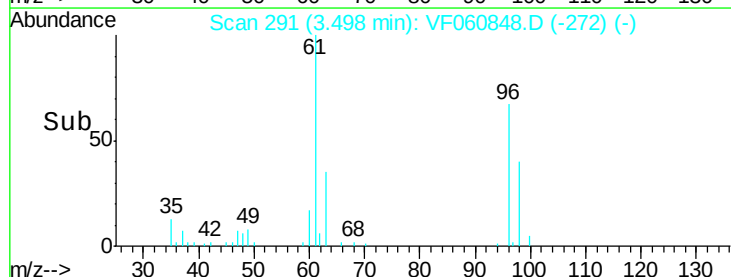
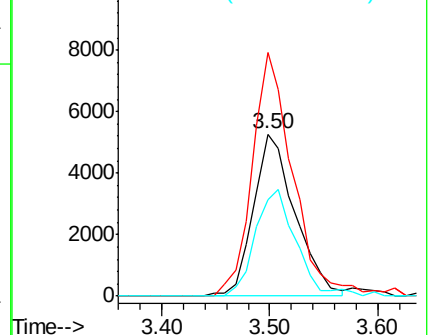
98 59.5 0.0 137.8

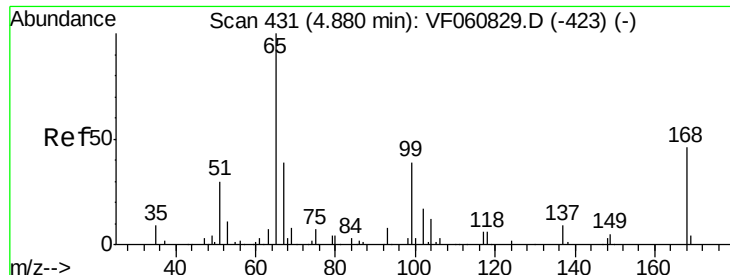


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





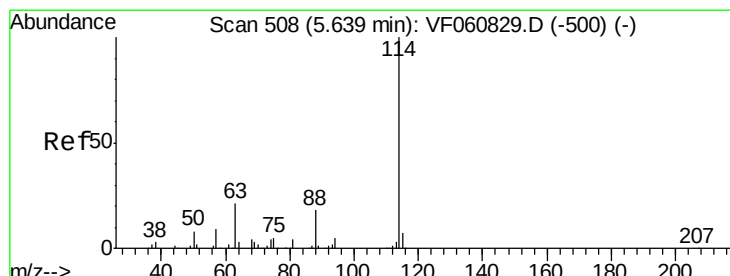
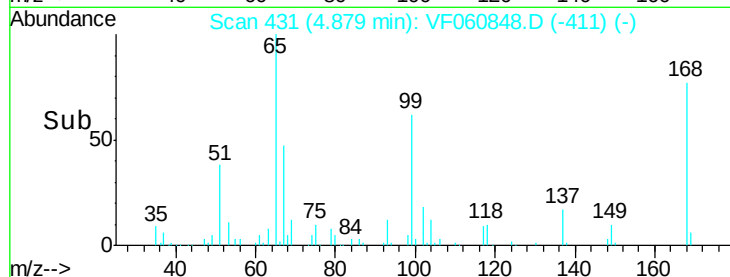
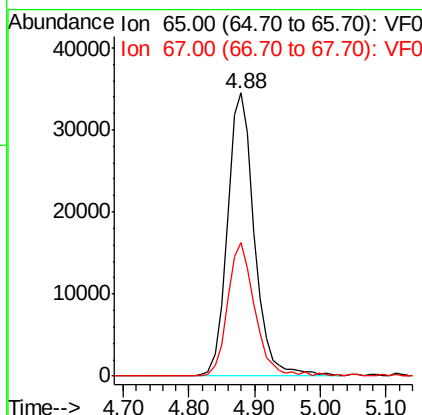
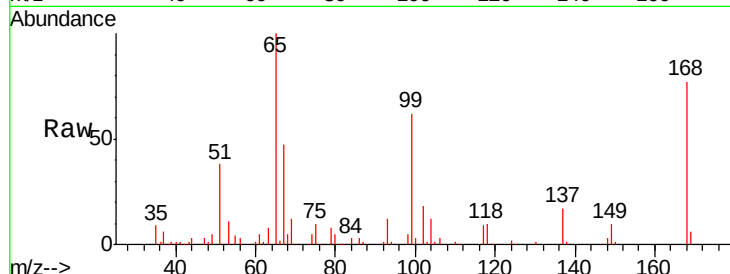
#33
 1,2-Dichloroethane-d4
 Concen: 45.81 ug/l
 RT: 4.88 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VF060848.D
 Acq: 27 Nov 2018 19:47

Instrument :
 MSVOA_F
 ClientSampleId :
 S49-0490RE

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
67	47.2	0.0	96.4

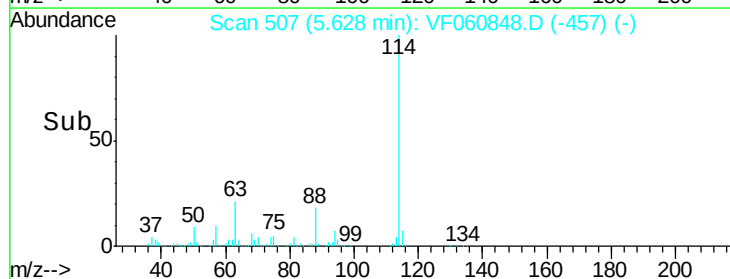
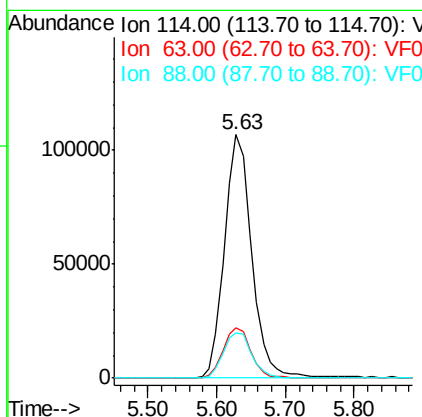
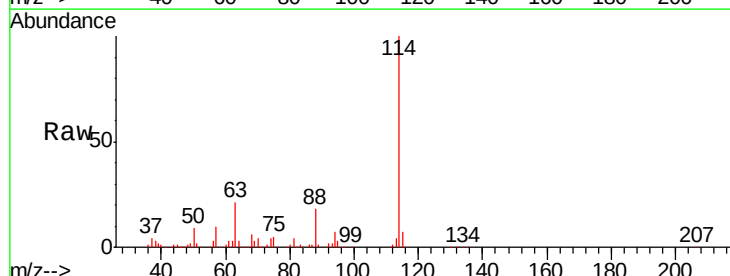
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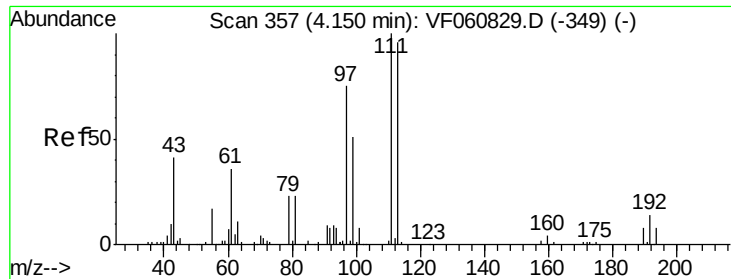
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.63 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VF060848.D
 Acq: 27 Nov 2018 19:47

Tgt Ion	Ratio	Resp Lower	Upper
114	100		
63	20.9	0.0	41.6
88	18.4	0.0	36.6





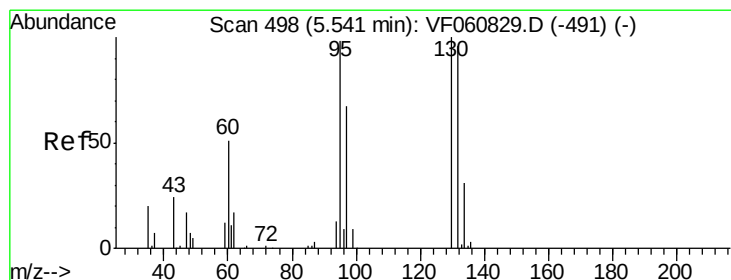
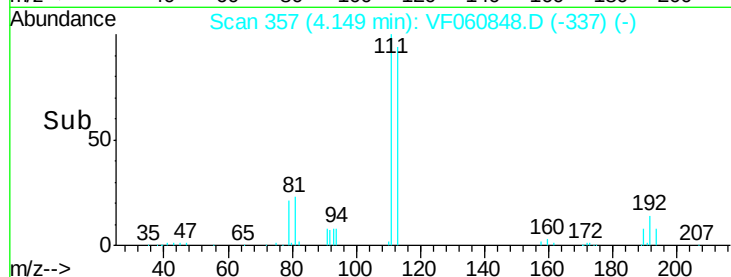
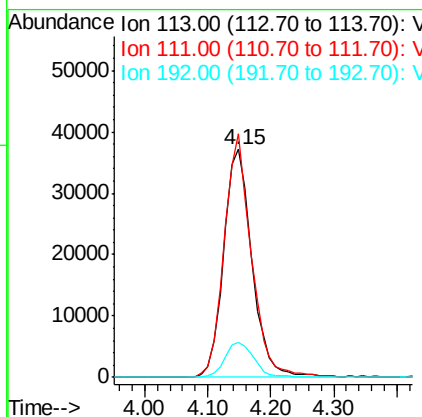
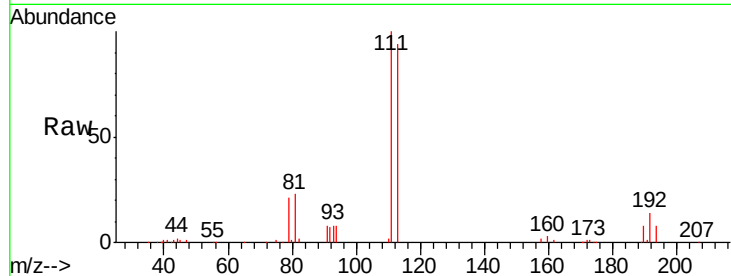
#35
Dibromofluoromethane
Concen: 49.70 ug/l
RT: 4.15 min Scan# 357
Delta R.T. -0.00 min
Lab File: VF060848.D
Acq: 27 Nov 2018 19:47

Instrument :
MSVOA_F
ClientSampleId :
S49-0490RE

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.7	83.0	124.6
192	15.3	12.3	18.5

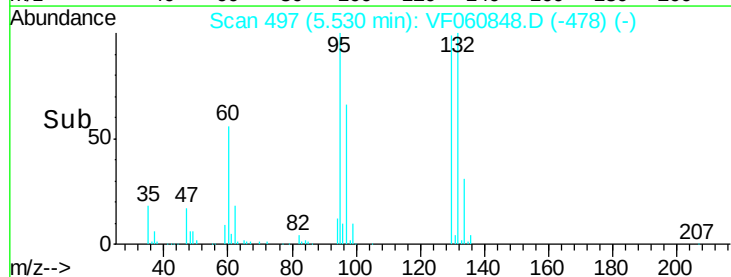
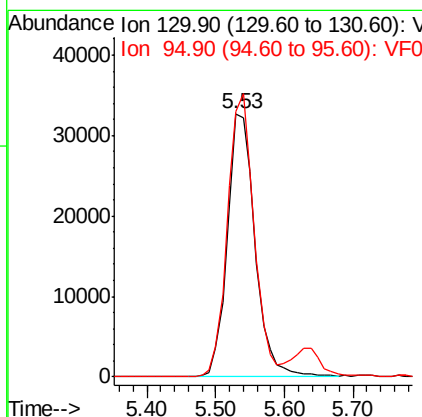
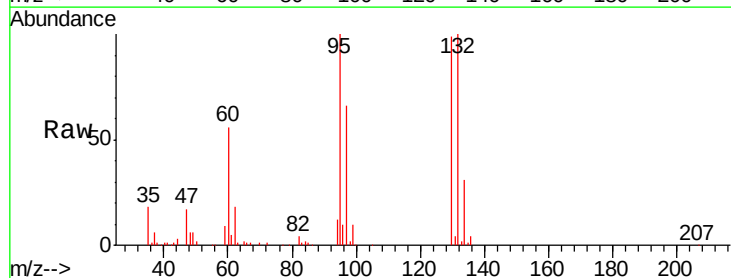
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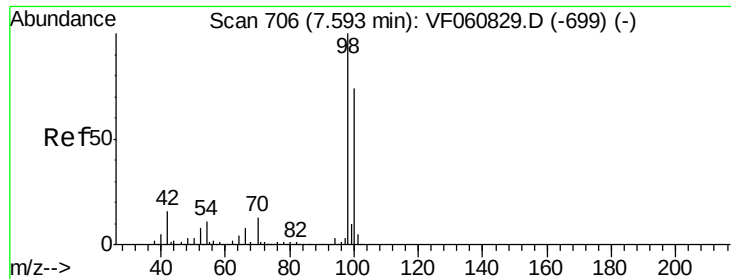
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#44
Trichloroethene
Concen: 38.65 ug/l
RT: 5.53 min Scan# 497
Delta R.T. -0.01 min
Lab File: VF060848.D
Acq: 27 Nov 2018 19:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	195.6





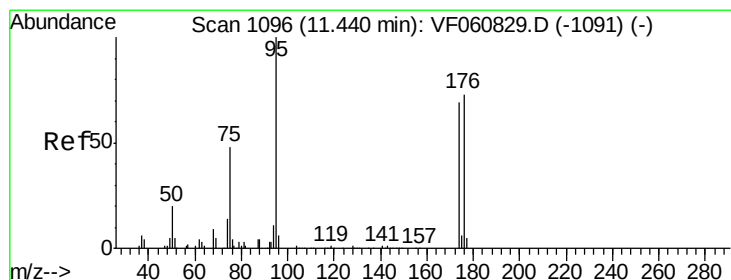
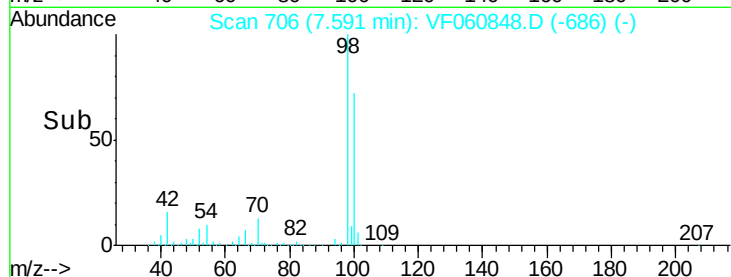
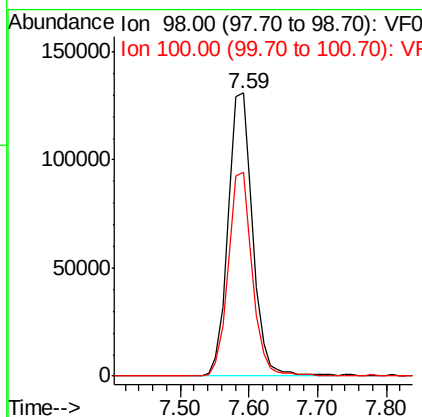
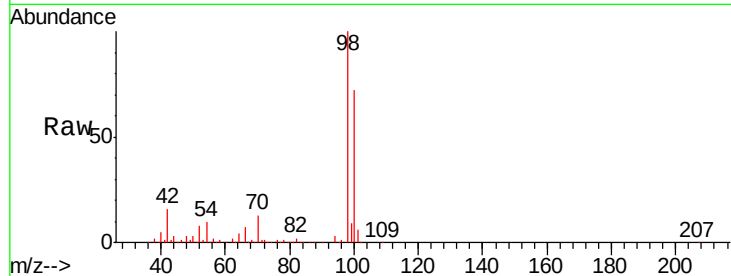
#50
Toluene-d8
Concen: 47.06 ug/l
RT: 7.59 min Scan# 706
Delta R.T. -0.00 min
Lab File: VF060848.D
Acq: 27 Nov 2018 19:47

Instrument :
MSVOA_F
ClientSampleId :
S49-0490RE

Tgt Ion: 98 Resp: 324212
Ion Ratio Lower Upper
98 100
100 72.2 59.3 88.9

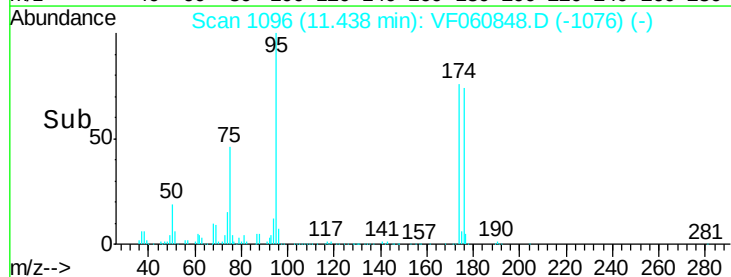
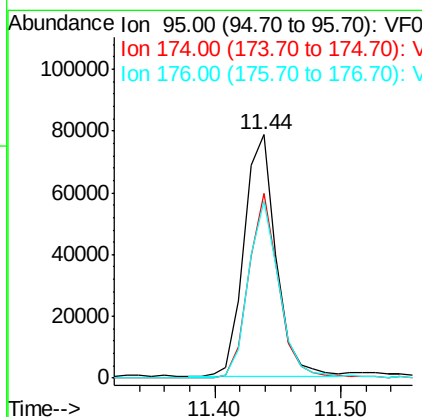
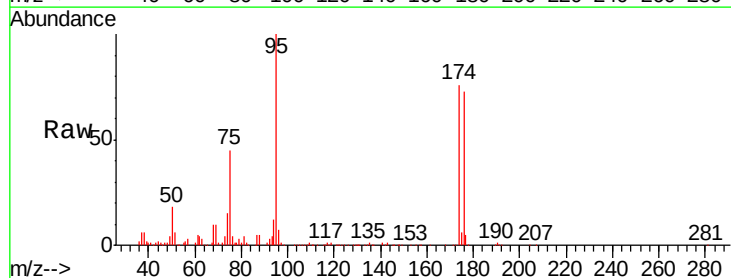
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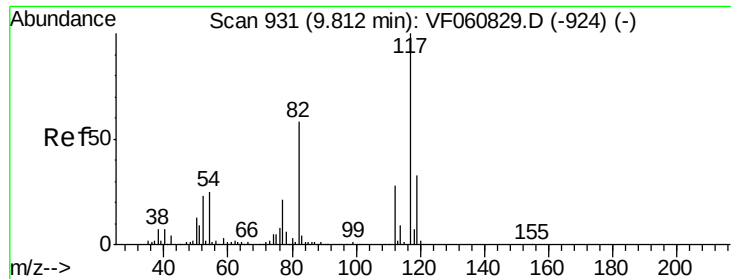
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#62
4-Bromofluorobenzene
Concen: 44.24 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VF060848.D
Acq: 27 Nov 2018 19:47

Tgt Ion: 95 Resp: 138493
Ion Ratio Lower Upper
95 100
174 75.8 0.0 138.2
176 72.9 0.0 146.2





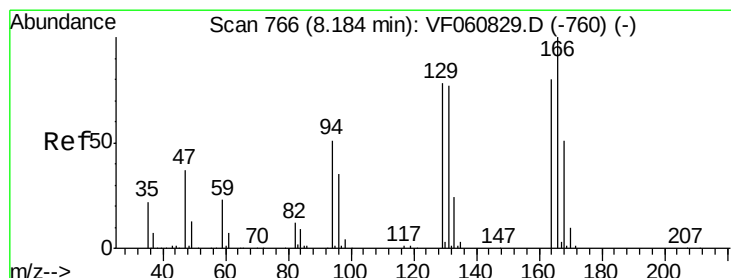
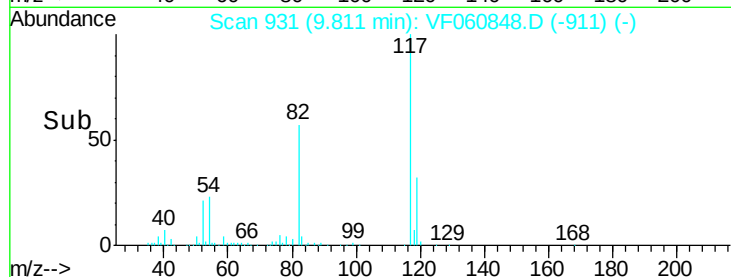
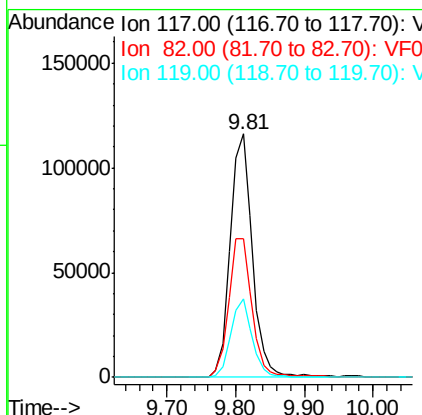
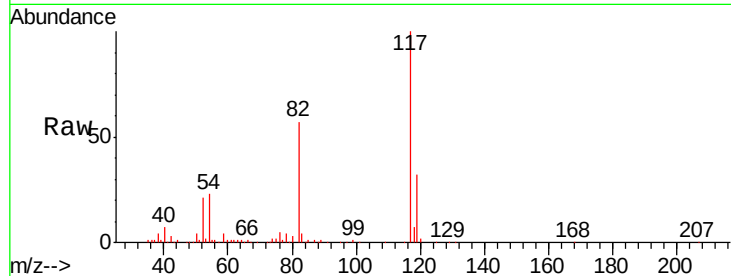
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.81 min Scan# 931
Delta R.T. -0.00 min
Lab File: VF060848.D
Acq: 27 Nov 2018 19:47

Instrument :
MSVOA_F
ClientSampleId :
S49-0490RE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	259854		
82	56.7	46.6	69.8	
119	32.3	26.4	39.6	

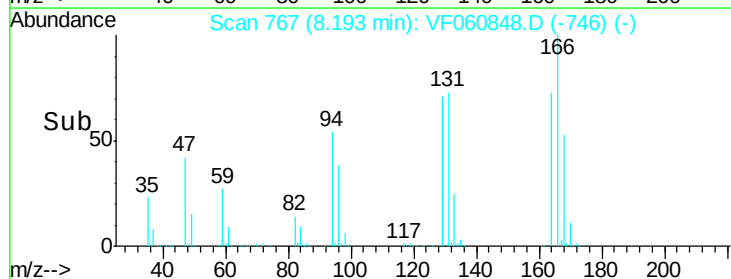
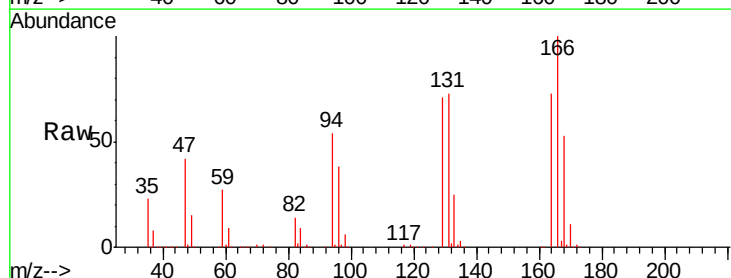
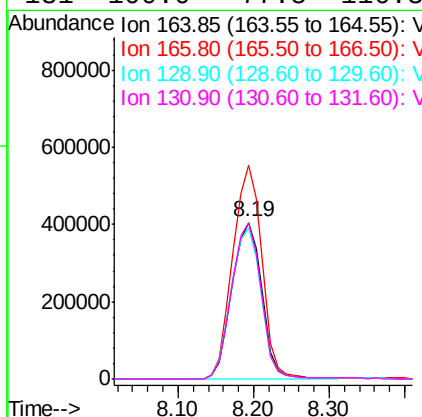
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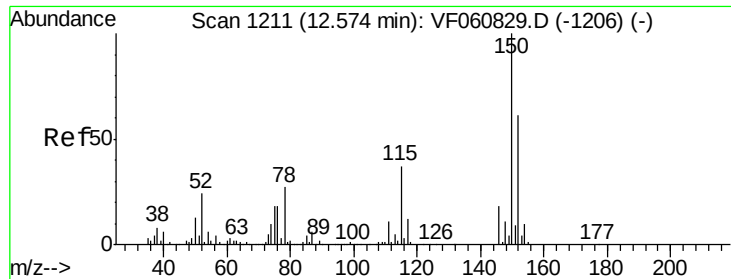
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#64
Tetrachloroethene
Concen: 558.01 ug/l
RT: 8.19 min Scan# 767
Delta R.T. 0.01 min
Lab File: VF060848.D
Acq: 27 Nov 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1107514		
166	136.5	100.3	150.5	
129	96.6	77.9	116.9	
131	100.0	77.5	116.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VF060848.D

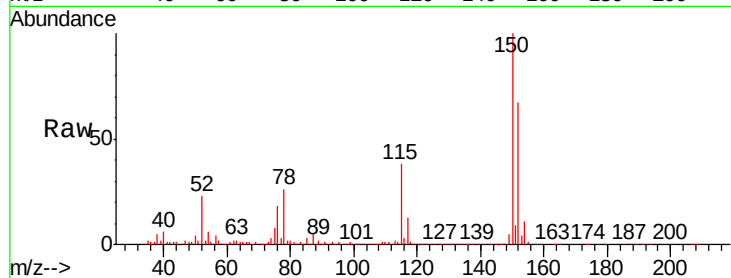
Acq: 27 Nov 2018 19:47

Instrument :

MSVOA_F

ClientSampleId :

S49-0490RE



Tgt Ion:152 Resp: 138657

Ion Ratio Lower Upper

152 100

115 56.4 30.1 90.5

150 149.1 0.0 327.6

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