

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060898.D
 Acq On : 3 Dec 2018 18:24
 Operator : VA/AP
 Sample : J5775-03
 Misc : 7.23g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-04-113018

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Quant Time: Dec 04 03:59:51 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	4.89	168	190373	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	331970	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	285733	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	119569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	120460	53.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.42%	
35) Dibromofluoromethane	4.13	113	124624	47.32	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	7.58	98	283257	36.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.02%	
62) 4-Bromofluorobenzene	11.42	95	126869	35.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.96%	
Target Compounds						
16) Acetone	2.25	43	34106	82.469	ug/l	99
20) Methylene Chloride	2.24	84	4254m	2.804	ug/l	
52) Toluene	7.65	92	11523	2.017	ug/l	97
68) m/p-Xylenes	10.15	106	4619	1.241	ug/l	97
95) Naphthalene	14.47	128	34356	3.538	ug/l	97

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

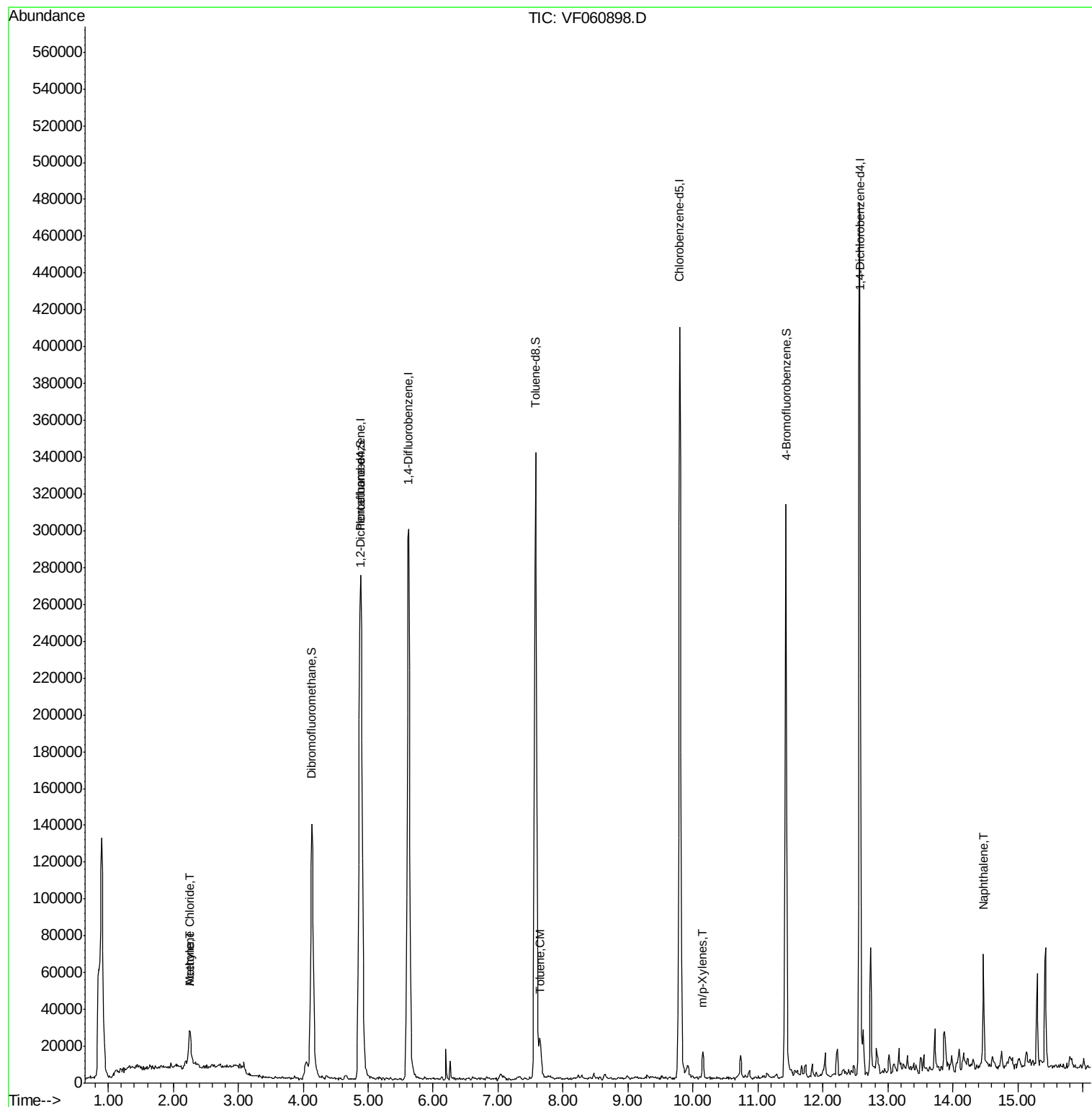
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120318\
Data File : VF060898.D
Acq On : 3 Dec 2018 18:24
Operator : VA/AP
Sample : J5775-03
Misc : 7.23g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

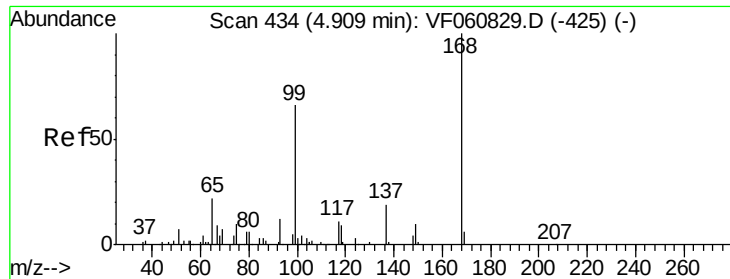
Instrument :
MSVOA_F
ClientSampleId :
TR-04-113018

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Quant Time: Dec 04 03:59:51 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: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060898.D

Acq: 3 Dec 2018 18:24

Instrument :

MSVOA_F

ClientSampleId :

TR-04-113018

Tot Ion:168 Resp: 190373

Ion Ratio Lower Upper

168 100

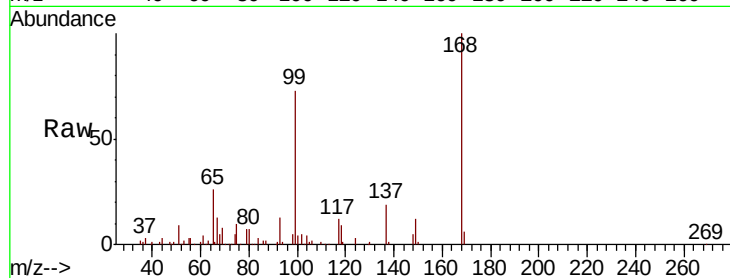
99 73.4 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

60000

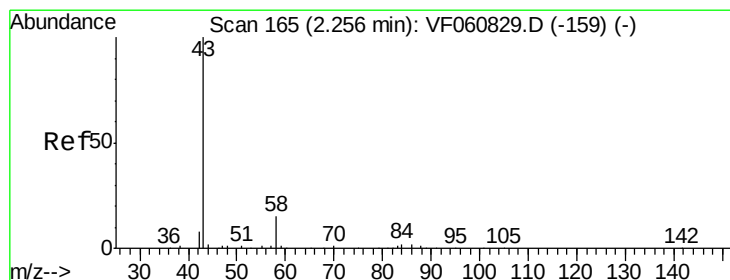
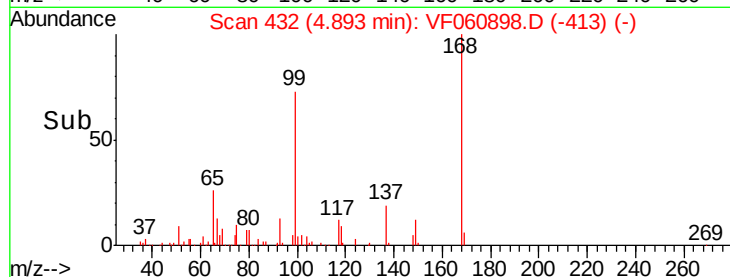
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 82.469 ug/l

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060898.D

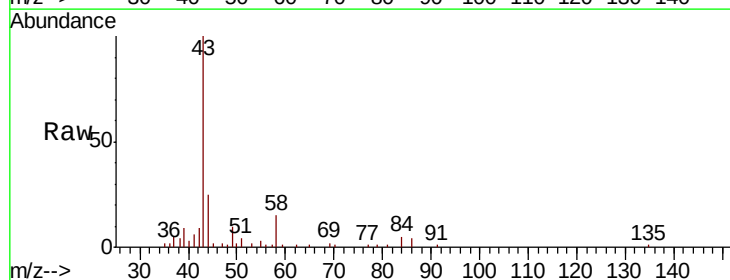
Acq: 3 Dec 2018 18:24

Tgt Ion: 43 Resp: 34106

Ion Ratio Lower Upper

43 100

58 14.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

15000

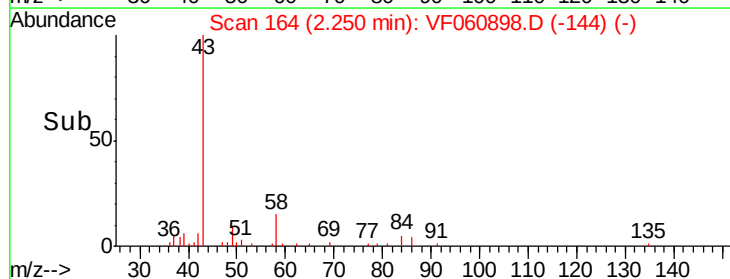
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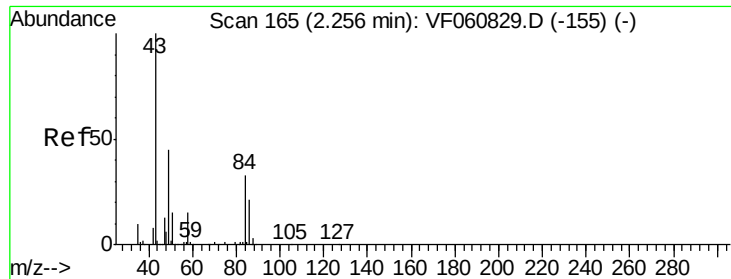
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0

2.20 2.25 2.30 2.40

Time-->





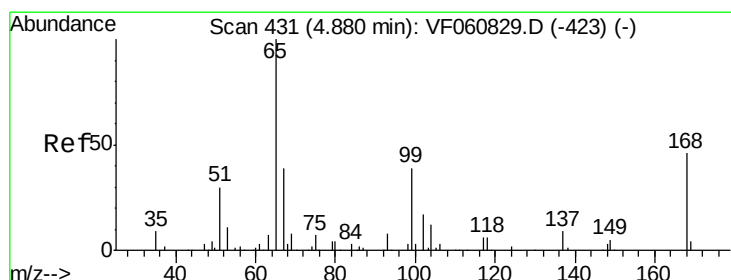
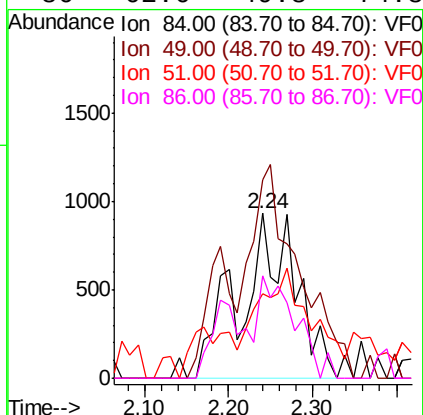
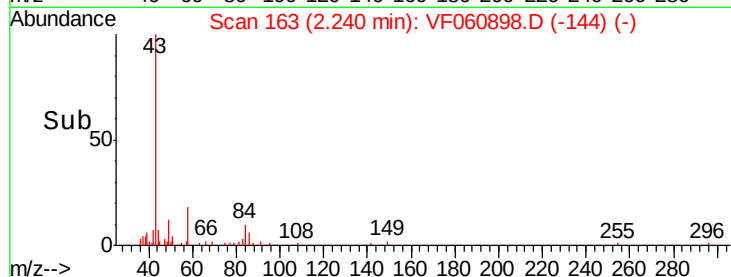
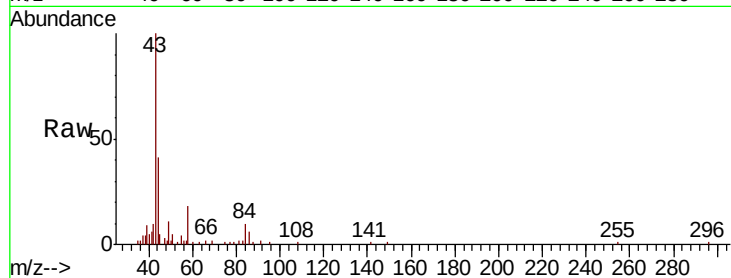
#20
Methylene Chloride
Concen: 2.804 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060898.D
Acq: 3 Dec 2018 18:24

Instrument :
MSVOA_F
ClientSampleId :
TR-04-113018

Tot Ion:	84	Resp:	4254
Ion	Ratio	Lower	Upper
84	100		
49	120.6	111.3	166.9
51	51.7	38.0	57.0
86	62.6	49.8	74.8

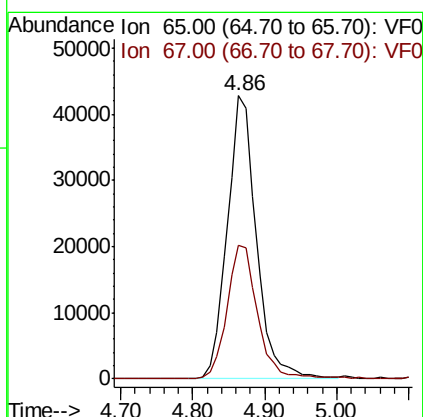
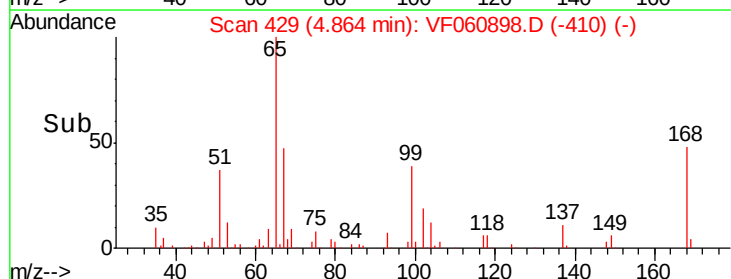
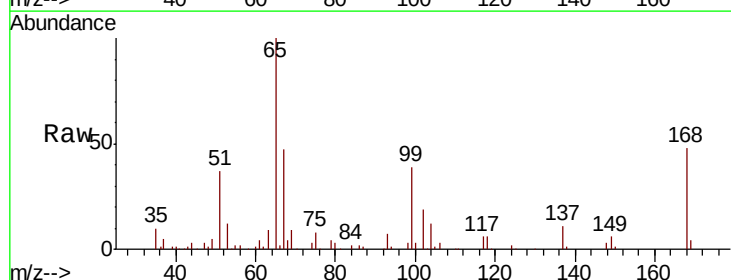
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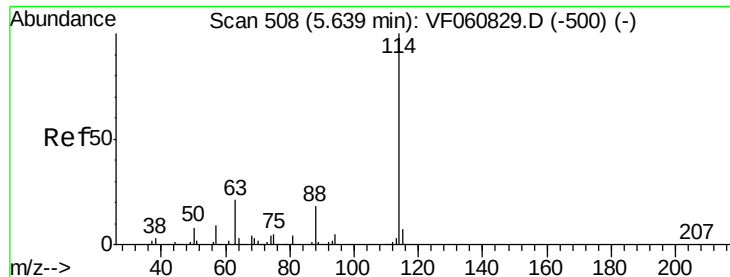
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#33
1,2-Dichloroethane-d4
Concen: 53.713 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF060898.D
Acq: 3 Dec 2018 18:24

Tgt Ion:	65	Resp:	120460
Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	96.4





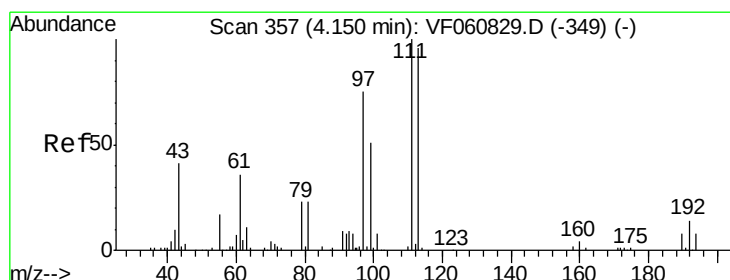
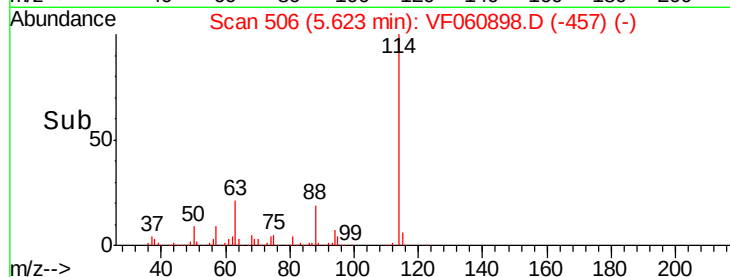
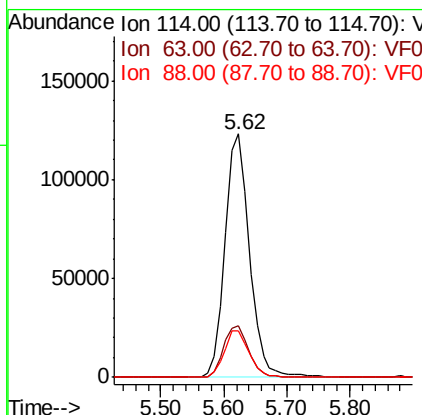
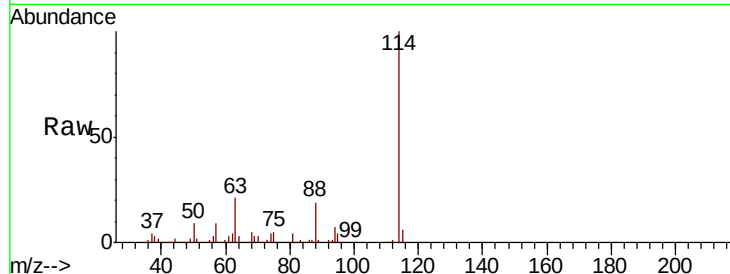
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: VF060898.D
 Acq: 3 Dec 2018 18:24

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-04-113018

Tot Ion	Ratio	Resp	Lower	Upper
114	100	331970		
63	21.4		0.0	41.6
88	19.0		0.0	36.6

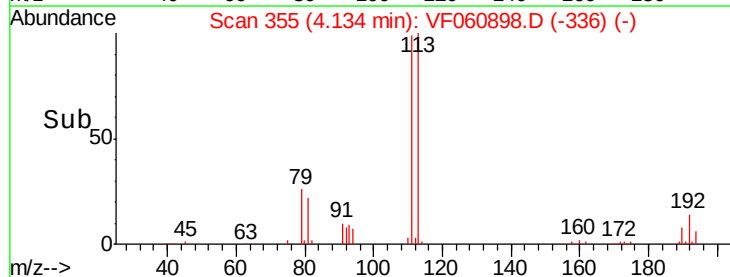
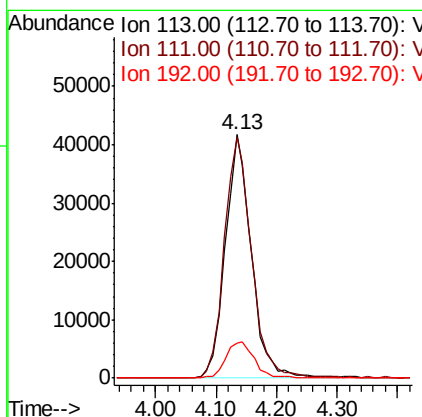
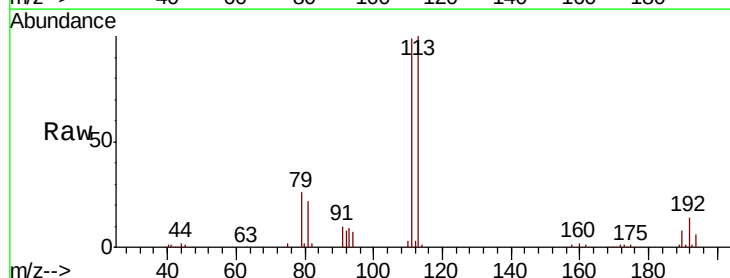
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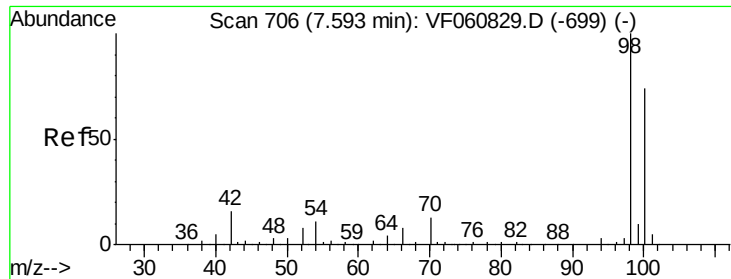
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#35
 Dibromofluoromethane
 Concen: 47.321 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VF060898.D
 Acq: 3 Dec 2018 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	124624		
111	98.8		83.0	124.6
192	14.3		12.3	18.5





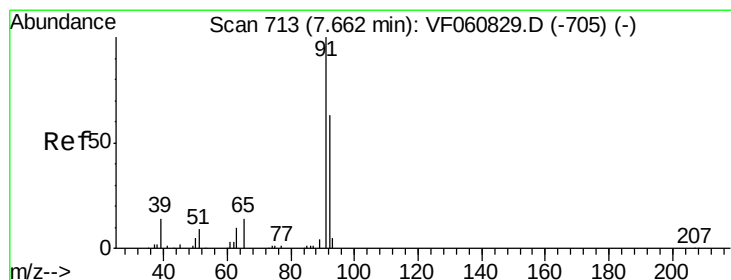
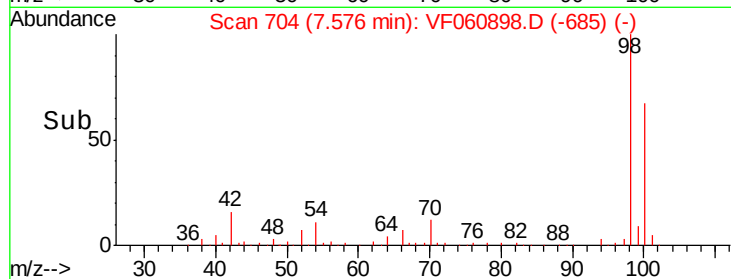
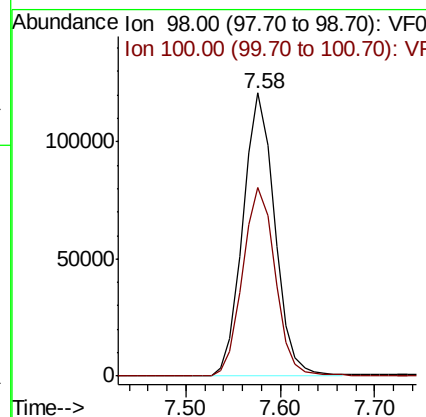
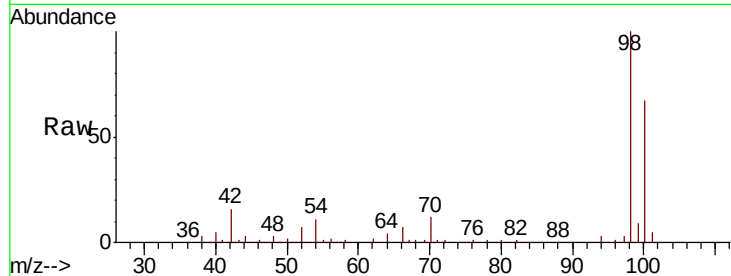
#50
Toluene-d8
Concen: 36.513 ug/l
RT: 7.58 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060898.D
Acq: 3 Dec 2018 18:24

Instrument :
MSVOA_F
ClientSampleId :
TR-04-113018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		283257		
100	66.6	59.3	88.9		

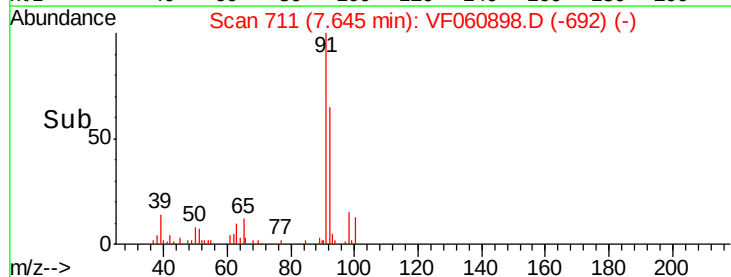
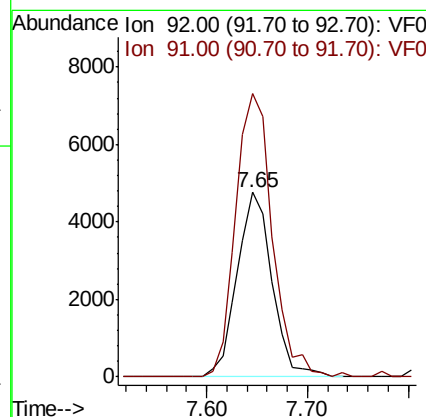
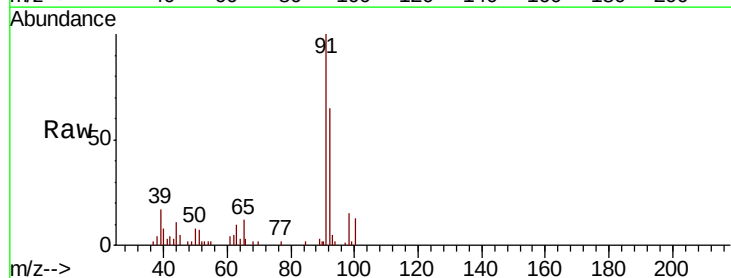
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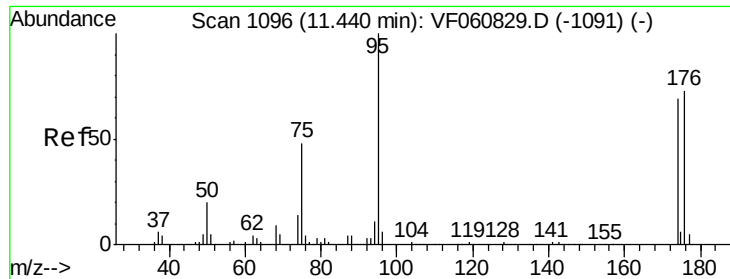
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#52
Toluene
Concen: 2.017 ug/l
RT: 7.65 min Scan# 711
Delta R.T. -0.02 min
Lab File: VF060898.D
Acq: 3 Dec 2018 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
92	100		11523		
91	153.5	126.2	189.2		





#62

4-Bromofluorobenzene

Concen: 35.983 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF060898.D

Acq: 3 Dec 2018 18:24

Instrument :

MSVOA_F

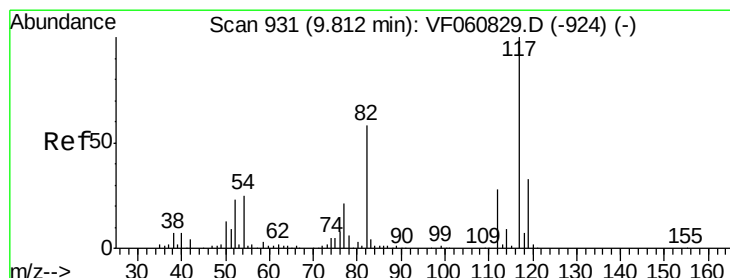
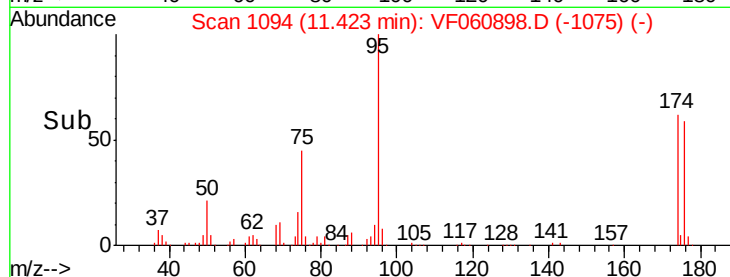
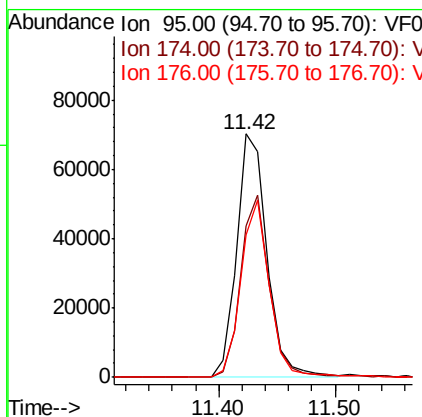
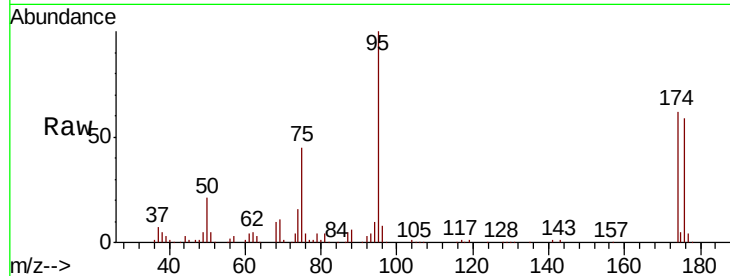
ClientSampleId :

TR-04-113018

Tot Ion:	95	Resp:	126869
Ion Ratio	Lower	Upper	
95	100		
174	62.0	0.0	138.2
176	58.6	0.0	146.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

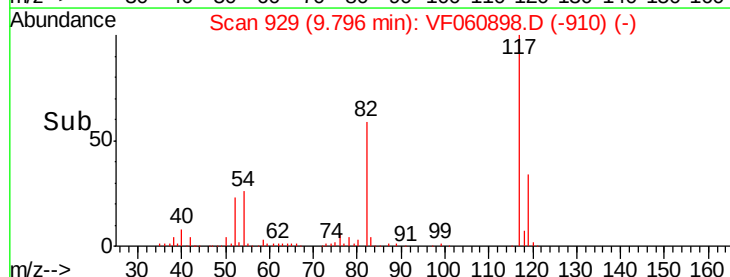
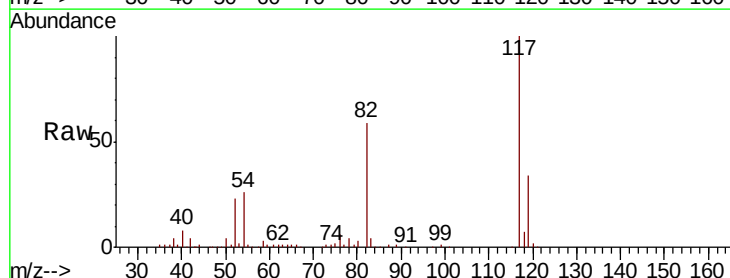
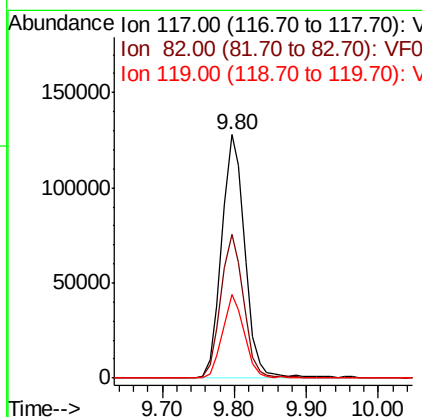
RT: 9.80 min Scan# 929

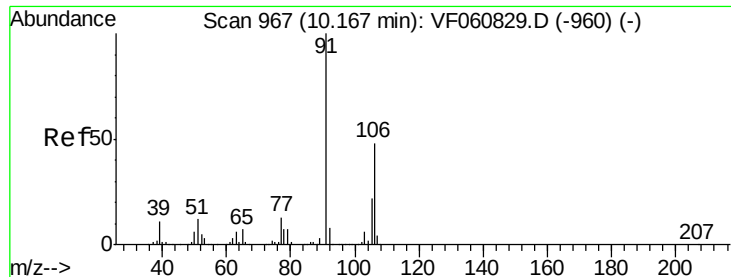
Delta R.T. -0.02 min

Lab File: VF060898.D

Acq: 3 Dec 2018 18:24

Tgt Ion:	117	Resp:	285733
Ion Ratio	Lower	Upper	
117	100		
82	59.3	46.6	69.8
119	34.4	26.4	39.6





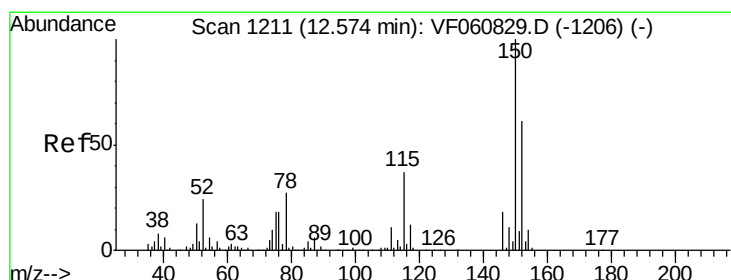
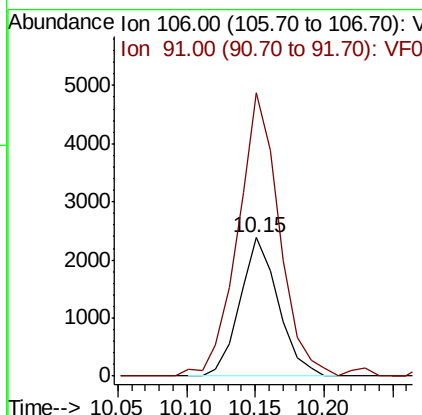
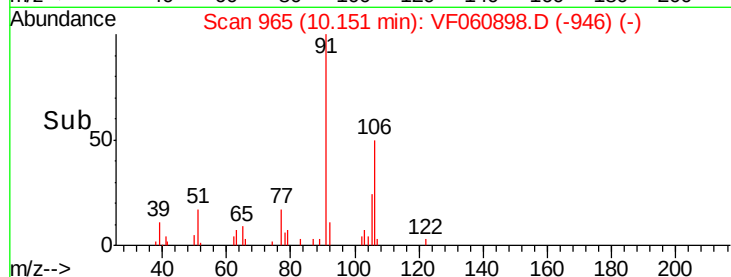
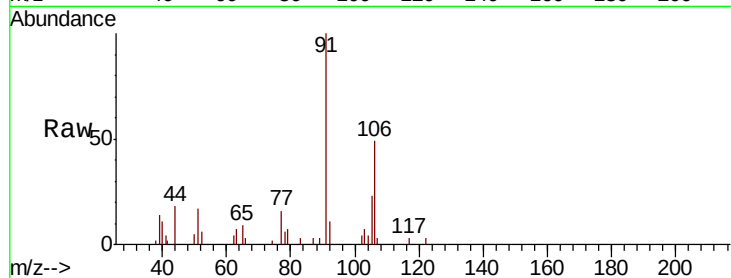
#68
m/p-Xylenes
Concen: 1.241 ug/l
RT: 10.15 min Scan# 965
Delta R.T. -0.02 min
Lab File: VF060898.D
Acq: 3 Dec 2018 18:24

Instrument :
MSVOA_F
ClientSampleId :
TR-04-113018

Tot Ion:106 Resp: 4619
Ion Ratio Lower Upper
106 100
91 204.1 166.7 250.1

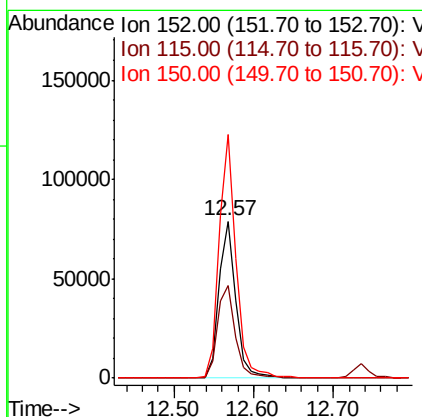
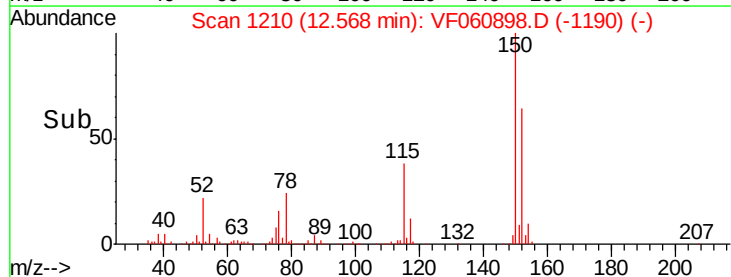
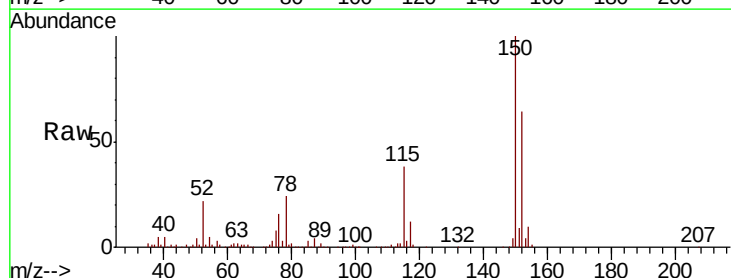
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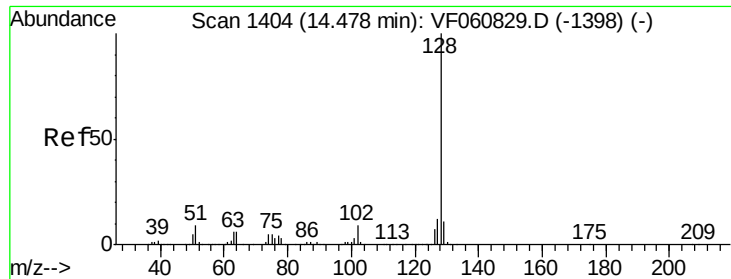
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060898.D
Acq: 3 Dec 2018 18:24

Tgt Ion:152 Resp: 119569
Ion Ratio Lower Upper
152 100
115 58.7 30.1 90.5
150 155.3 0.0 327.6





#95
 Naphthalene
 Concen: 3.538 ug/l
 RT: 14.47 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: VF060898.D
 Acq: 3 Dec 2018 18:24

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-04-113018

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.5	9.9	14.9
129	12.5	9.1	13.7

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