

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060872.D
 Acq On : 29 Nov 2018 17:47
 Operator : VA/AP
 Sample : J5770-13RE
 Misc : 7.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-112918-ARE

Manual Integrations
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Quant Time: Nov 30 06:23:11 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	196060	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	337920	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	301902	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	149710	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	126145	54.62	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.24%	
35) Dibromofluoromethane	4.12	113	142414	53.12	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	106.24%	
50) Toluene-d8	7.56	98	352550	44.64	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.28%	
62) 4-Bromofluorobenzene	11.42	95	170208	47.42	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
20) Methylene Chloride	2.19	84	18224m	11.663	ug/l	
95) Naphthalene	14.47	128	94694	12.307	ug/l	99

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

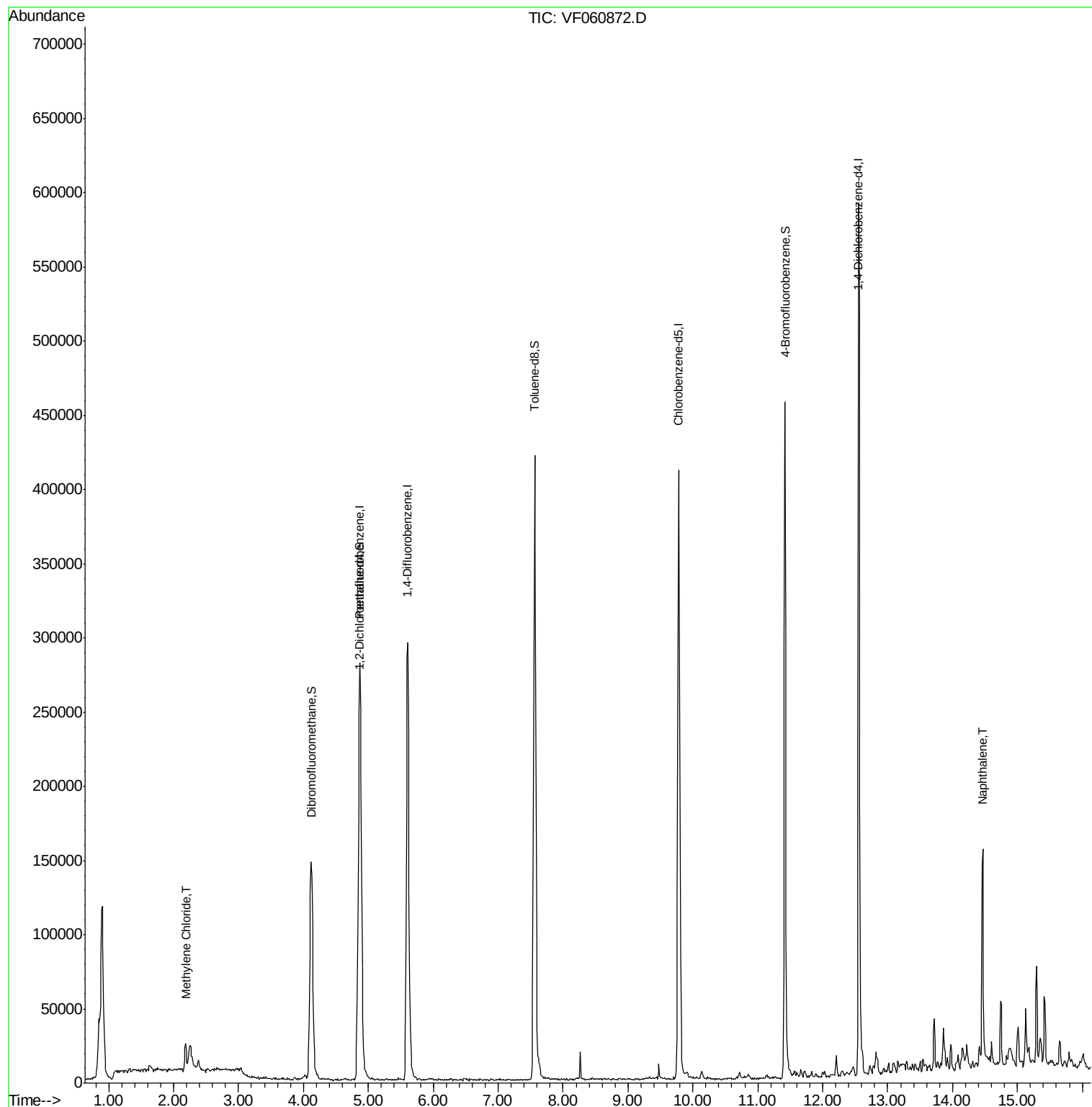
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112918\
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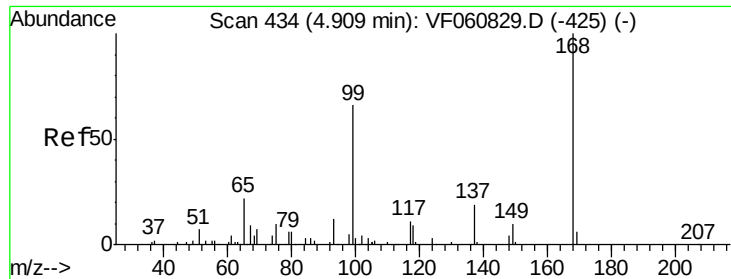
Instrument :
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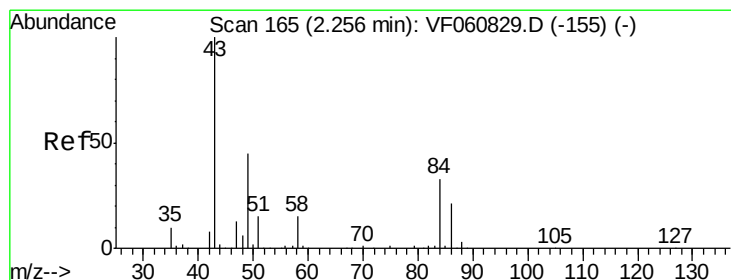
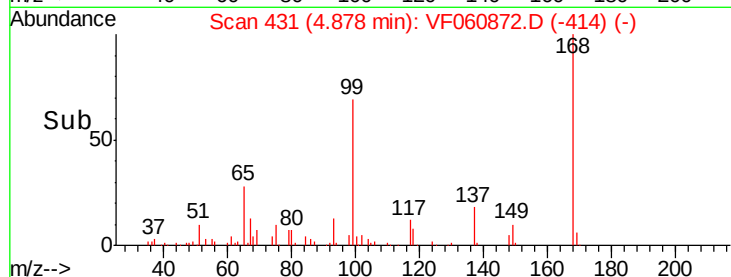
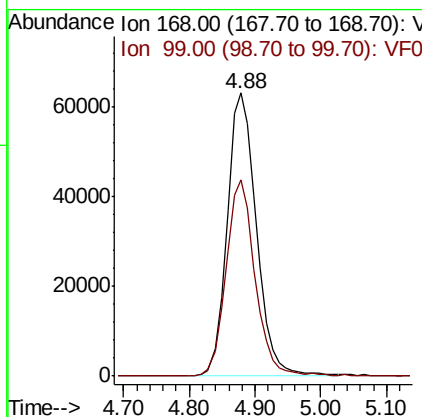
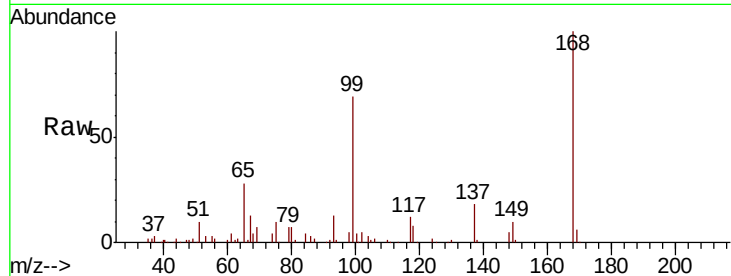
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.03 min
Lab File: VF060872.D
Acq: 29 Nov 2018 17:47

Instrument :
MSVOA_F
ClientSampleId :
OR-03-112918-ARE

Tot Ion	Ratio	Lower	Upper
168	100		
99	69.3	52.6	79.0

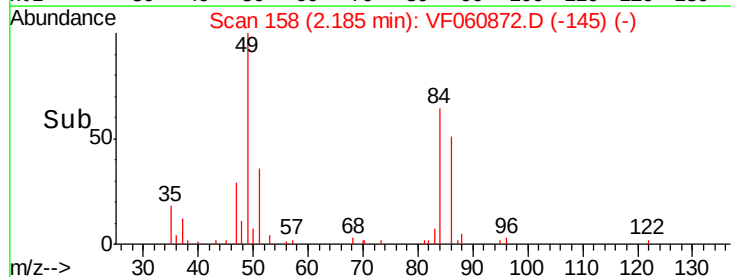
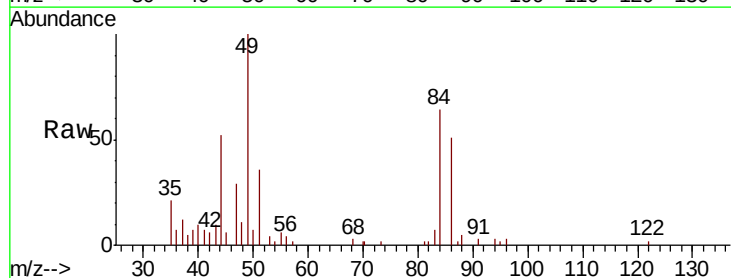
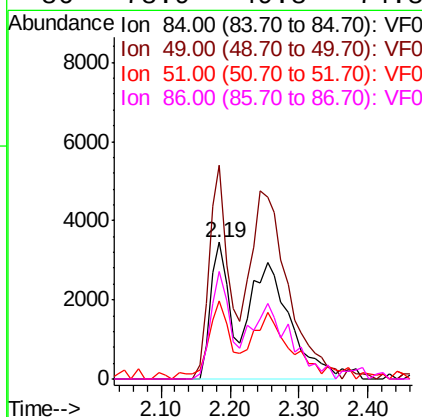
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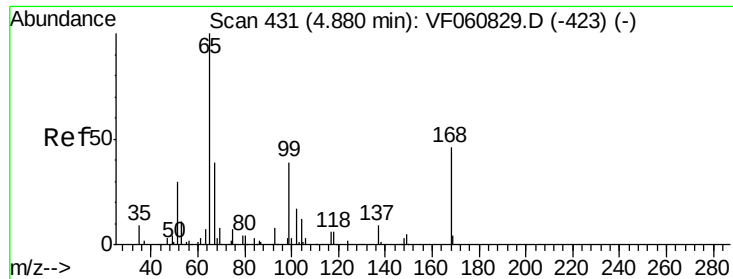
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#20
Methylene Chloride
Concen: 11.663 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.07 min
Lab File: VF060872.D
Acq: 29 Nov 2018 17:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	156.0	111.3	166.9
51	56.8	38.0	57.0
86	78.9	49.8	74.8#





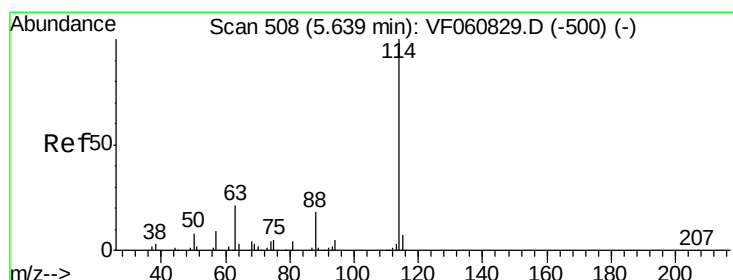
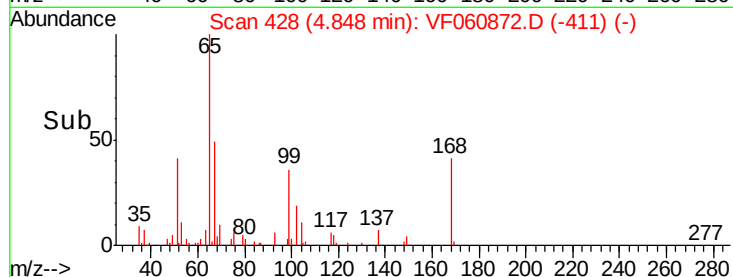
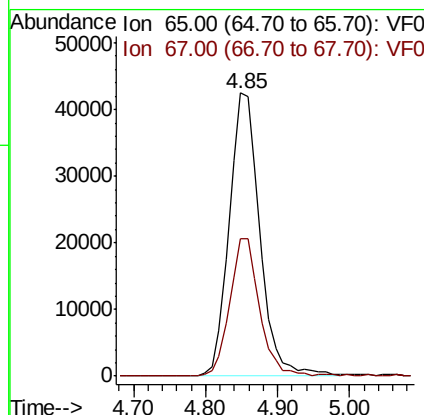
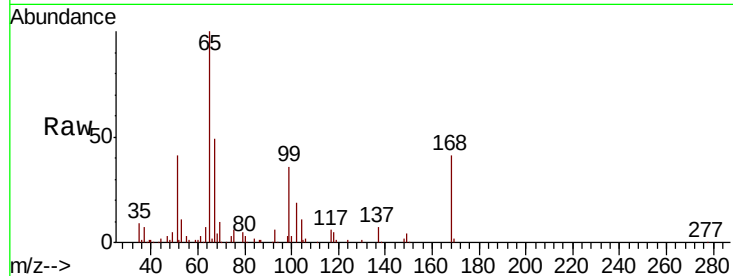
#33
 1,2-Dichloroethane-d4
 Concen: 54.616 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.03 min
 Lab File: VF060872.D
 Acq: 29 Nov 2018 17:47

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-112918-ARE

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	96.4

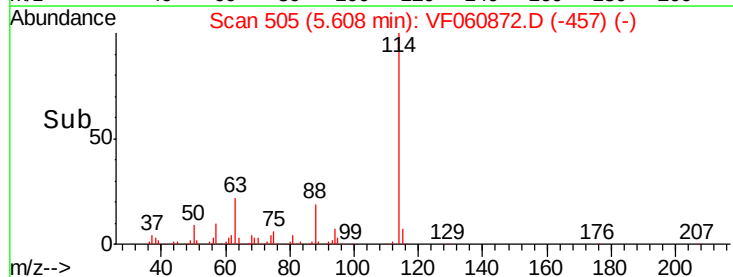
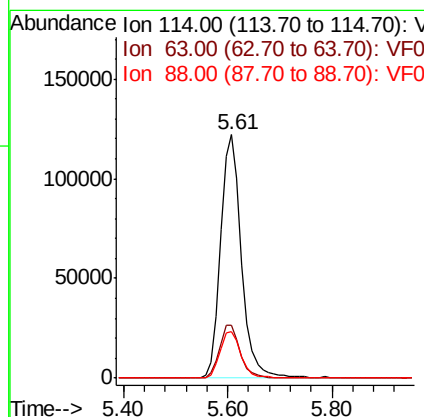
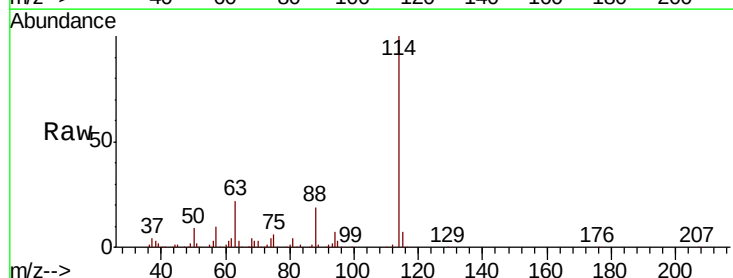
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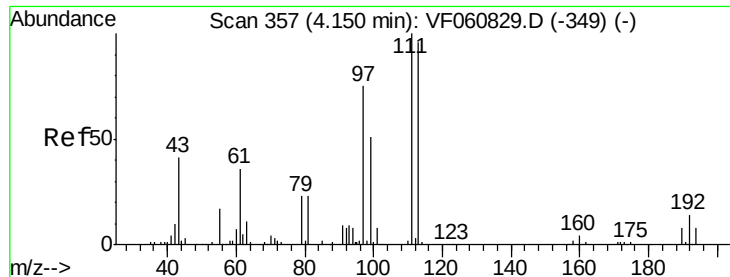
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.03 min
 Lab File: VF060872.D
 Acq: 29 Nov 2018 17:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.6
88	19.3	0.0	36.6





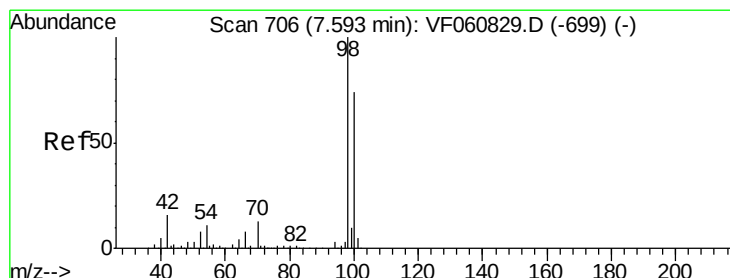
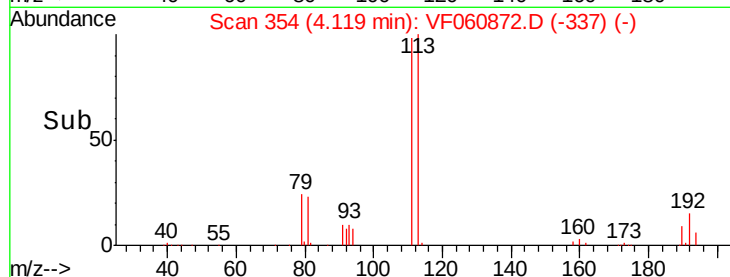
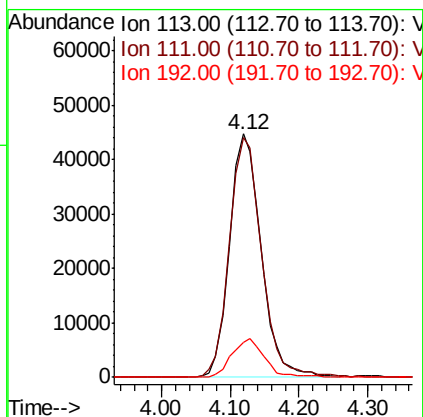
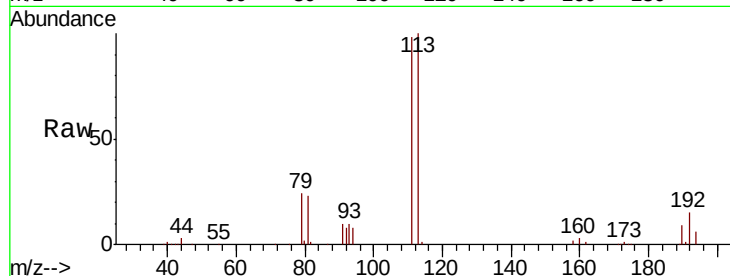
#35
Dibromofluoromethane
Concen: 53.124 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.03 min
Lab File: VF060872.D
Acq: 29 Nov 2018 17:47

Instrument :
MSVOA_F
ClientSampleId :
OR-03-112918-ARE

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.4	83.0	124.6
192	14.6	12.3	18.5

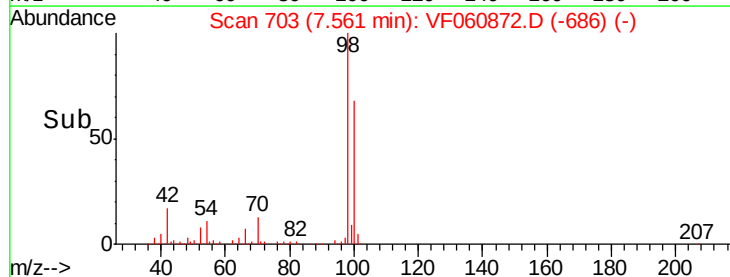
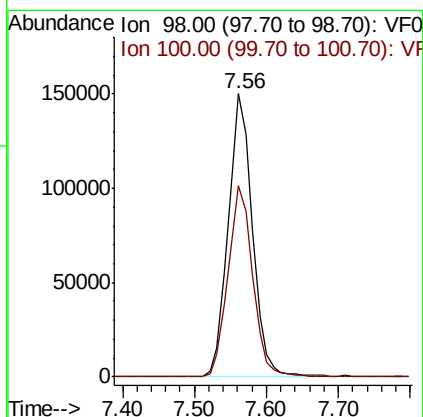
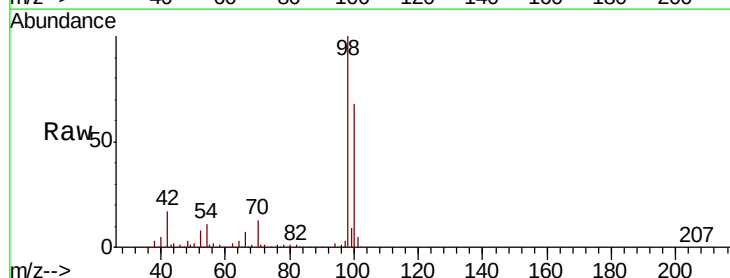
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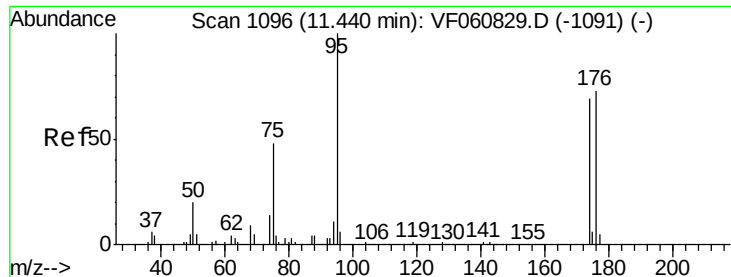
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#50
Toluene-d8
Concen: 44.644 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060872.D
Acq: 29 Nov 2018 17:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	59.3	88.9





#62

4-Bromofluorobenzene

Concen: 47.425 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF060872.D

Acq: 29 Nov 2018 17:47

Instrument :

MSVOA_F

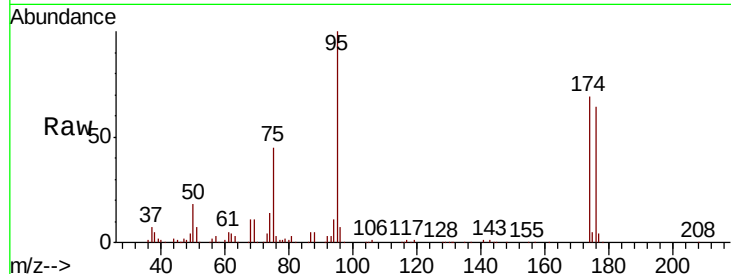
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OR-03-112918-ARE

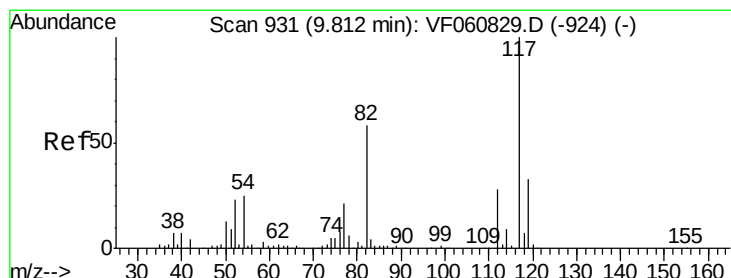
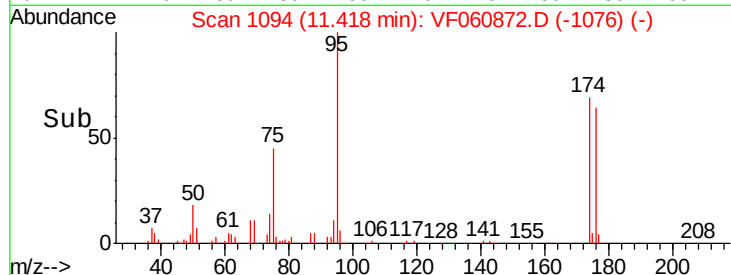
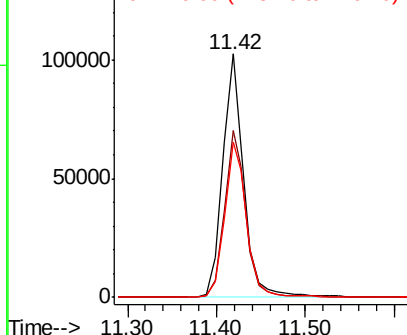
Tot Ion:	95	Resp:	170208
Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	138.2
176	63.9	0.0	146.2

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Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

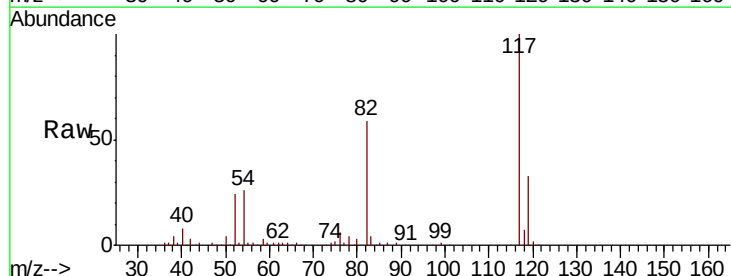
RT: 9.78 min Scan# 928

Delta R.T. -0.03 min

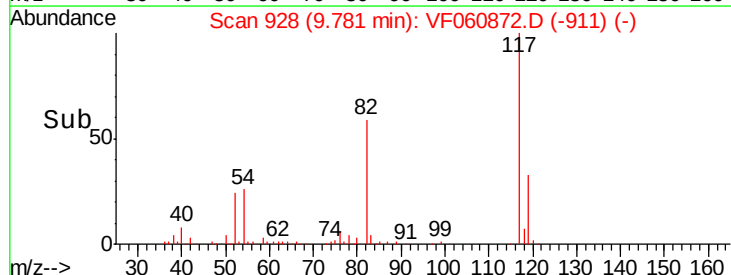
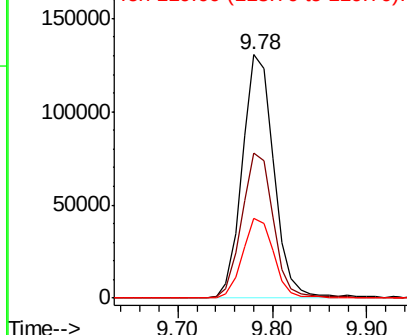
Lab File: VF060872.D

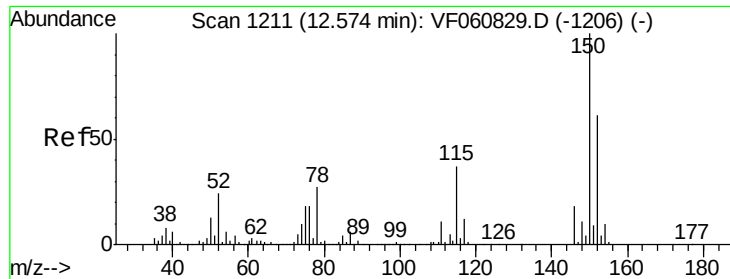
Acq: 29 Nov 2018 17:47

Tgt Ion:	117	Resp:	301902
Ion	Ratio	Lower	Upper
117	100		
82	59.4	46.6	69.8
119	32.6	26.4	39.6



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: 12.56 min Scan# 1210

Delta R.T. -0.01 min

Lab File: VF060872.D

Acq: 29 Nov 2018 17:47

Instrument :

MSVOA_F

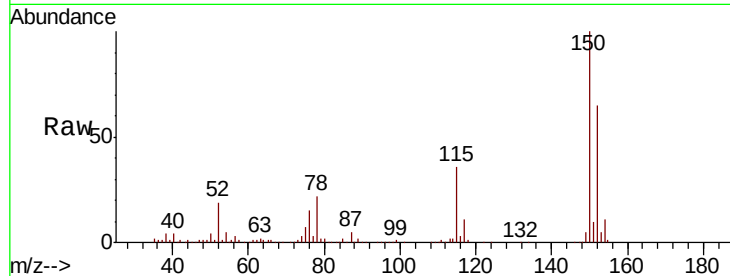
ClientSampleId :

OR-03-112918-ARE

Tot Ion:	152	Resp:	149710
Ion Ratio	Lower	Upper	
152	100		
115	56.1	30.1	90.5
150	154.7	0.0	327.6

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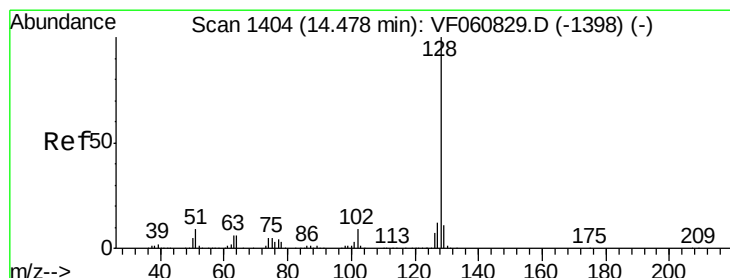
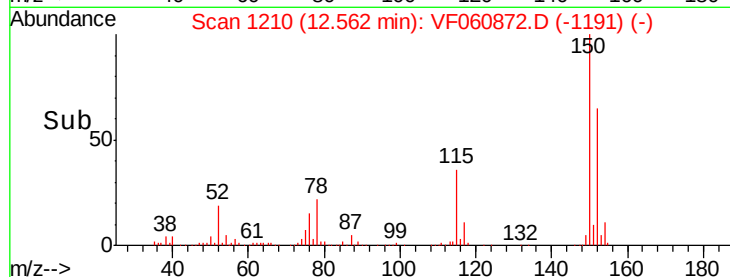
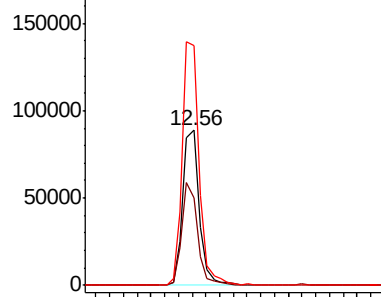


Abundance

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



#95

Naphthalene

Concen: 12.307 ug/l

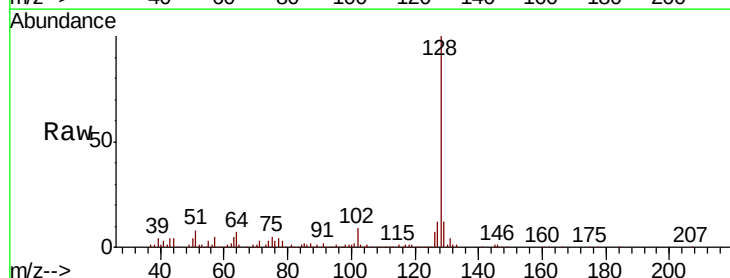
RT: 14.47 min Scan# 1403

Delta R.T. -0.01 min

Lab File: VF060872.D

Acq: 29 Nov 2018 17:47

Tgt Ion:	128	Resp:	94694
Ion Ratio	Lower	Upper	
128	100		
127	11.9	9.9	14.9
129	11.9	9.1	13.7



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

