

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060871.D
 Acq On : 29 Nov 2018 17:18
 Operator : VA/AP
 Sample : J5770-15
 Misc : 6.63g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 30 06:21:06 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	203804	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	332211	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	296515	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	138879	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	124386	51.81	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.62%	
35) Dibromofluoromethane	4.11	113	135367	51.36	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	7.56	98	324448	41.79	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.58%	
62) 4-Bromofluorobenzene	11.42	95	153766	43.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.16%	
Target Compounds						
16) Acetone	2.24	43	22634	51.123	ug/l #	91
20) Methylene Chloride	2.18	84	21111m	12.998	ug/l	
25) 2-Butanone	4.35	43	7393	9.654	ug/l	96
39) Methylcyclohexane	5.46	83	5899	1.528	ug/l #	91
52) Toluene	7.63	92	7365	1.288	ug/l	76
68) m/p-Xylenes	10.14	106	5388	1.395	ug/l	96
84) 1,2,4-Trimethylbenzene	12.21	105	25790	2.900	ug/l	94
95) Naphthalene	14.46	128	44489	4.376	ug/l #	94

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

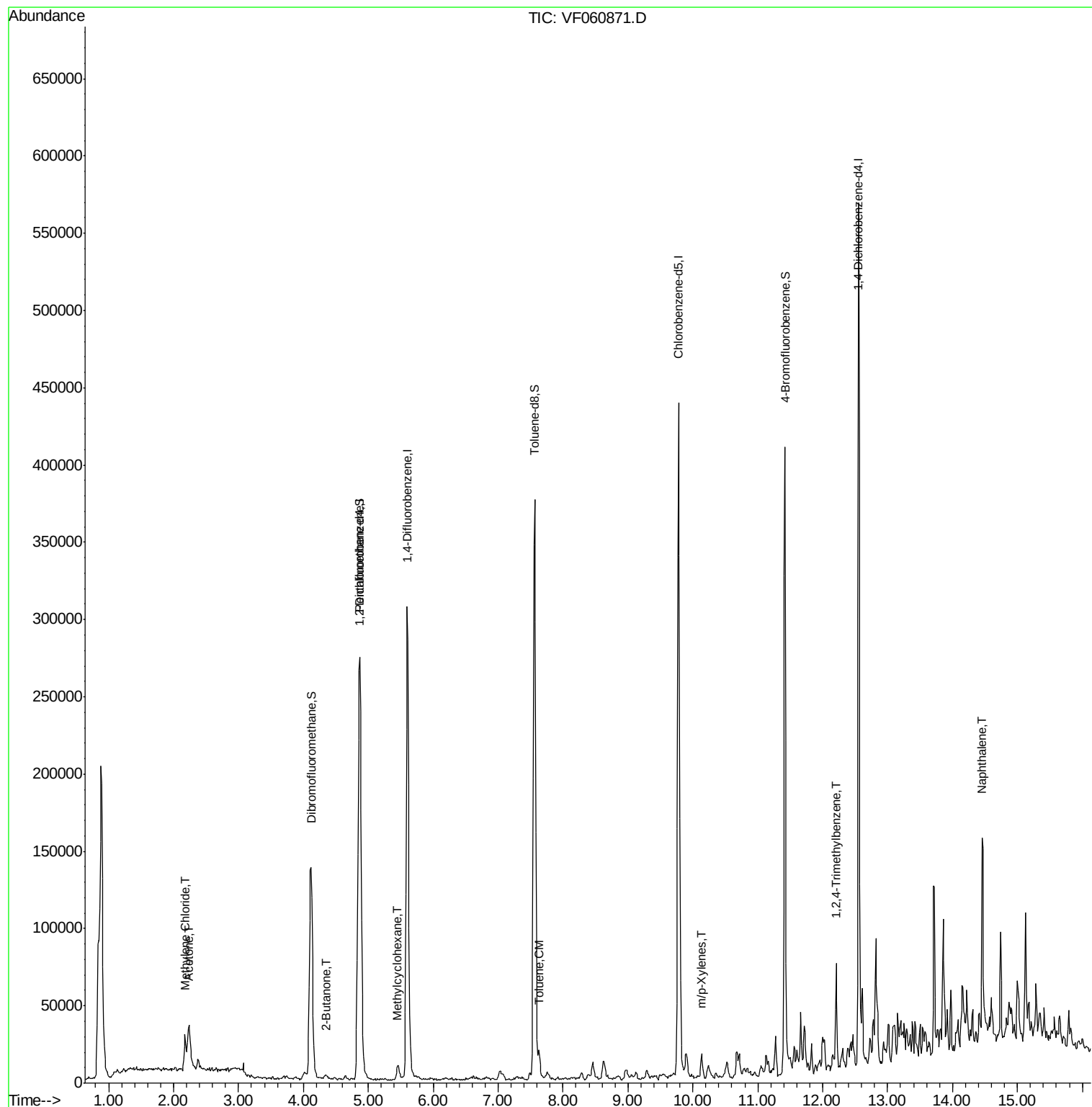
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112918\
Data File : VF060871.D
Acq On : 29 Nov 2018 17:18
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Sample : J5770-15
Misc : 6.63g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

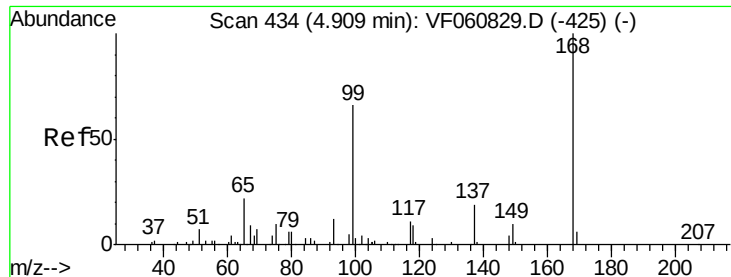
Instrument :
MSVOA_F
ClientSampleId :
OR-03-112918-B

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Quant Time: Nov 30 06:21:06 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: VF060871.D

Acq: 29 Nov 2018 17:18

Instrument :

MSVOA_F

ClientSampleId :

OR-03-112918-B

Tot Ion:168 Resp: 203804

Ion Ratio Lower Upper

168 100

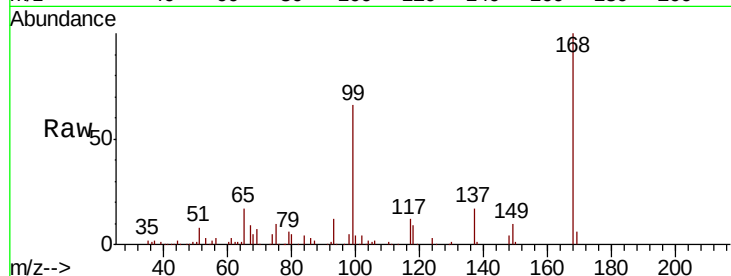
99 65.7 52.6 79.0

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

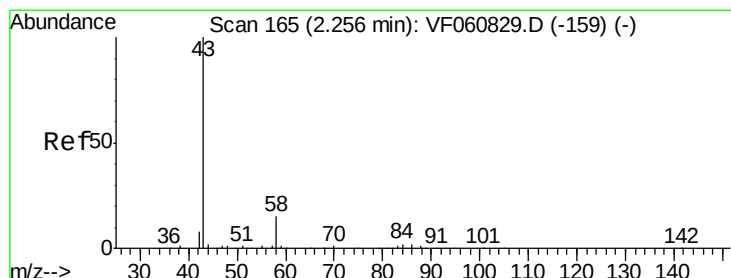
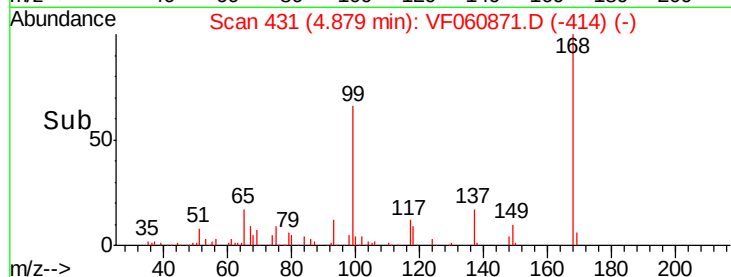
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 51.123 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060871.D

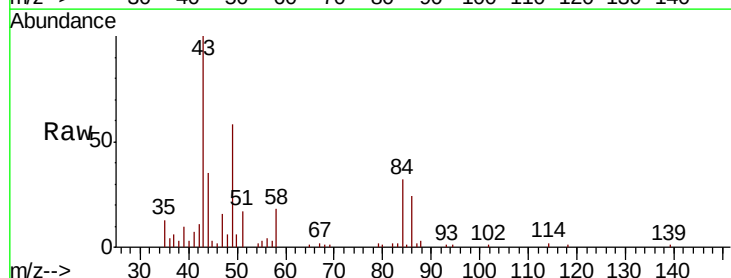
Acq: 29 Nov 2018 17:18

Tgt Ion: 43 Resp: 22634

Ion Ratio Lower Upper

43 100

58 18.1 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

10000

8000

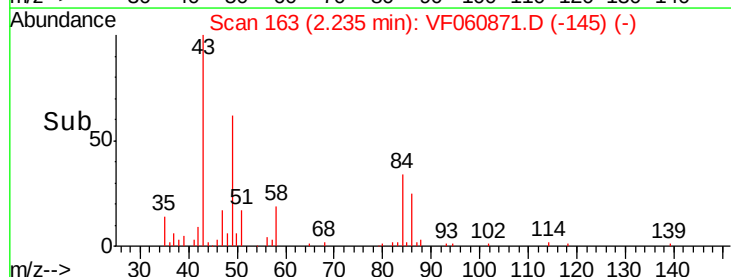
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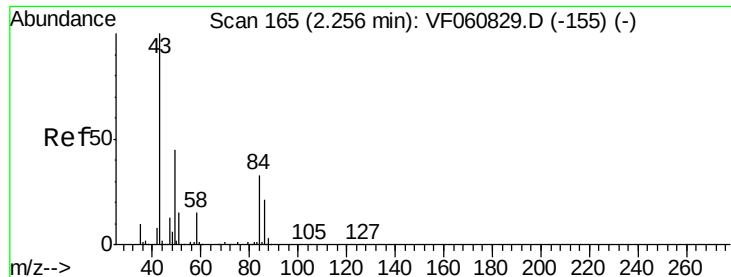
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 12.998 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.08 min

Lab File: VF060871.D

Acq: 29 Nov 2018 17:18

Instrument :

MSVOA_F

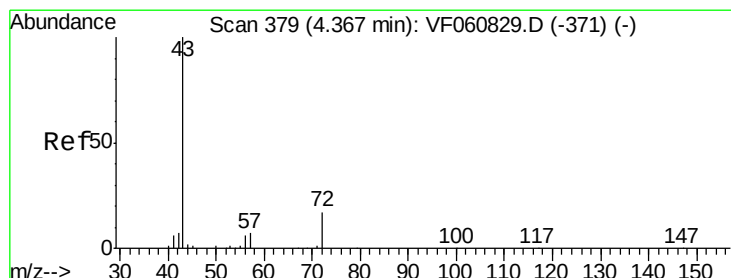
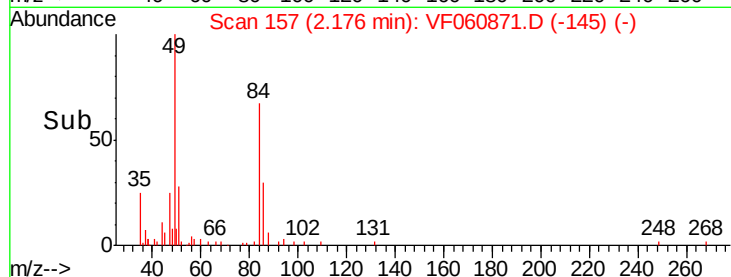
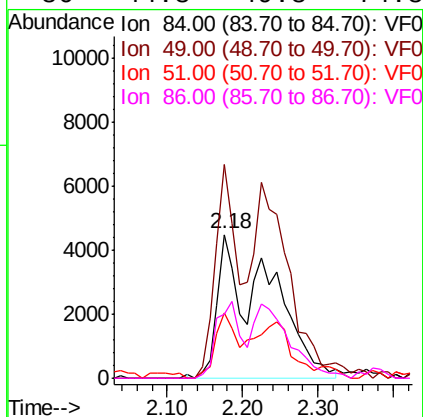
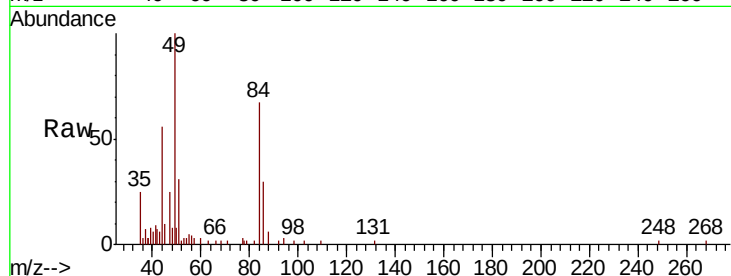
ClientSampleId :

OR-03-112918-B

Tot Ion:	84	Resp:	21111
Ion Ratio	Lower	Upper	
84	100		
49	148.9	111.3	166.9
51	45.7	38.0	57.0
86	44.8	49.8	74.8

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#25

2-Butanone

Concen: 9.654 ug/l

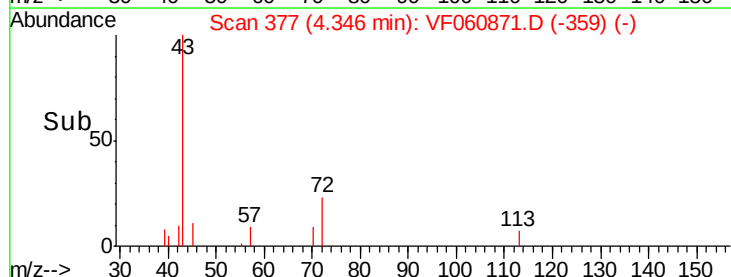
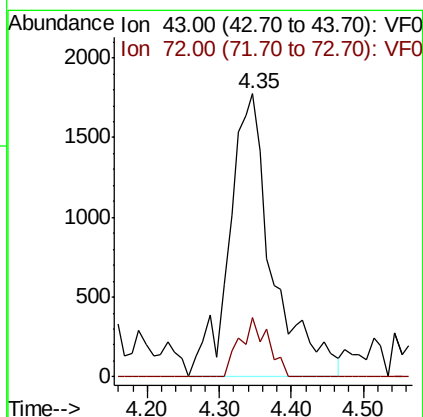
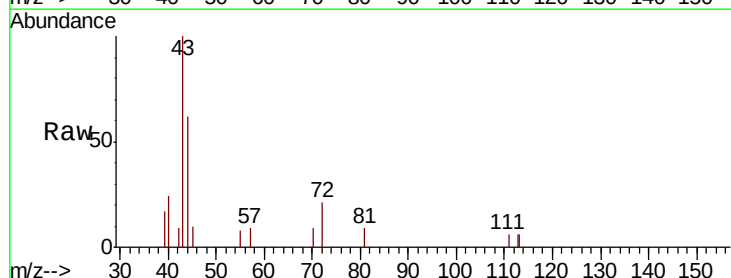
RT: 4.35 min Scan# 377

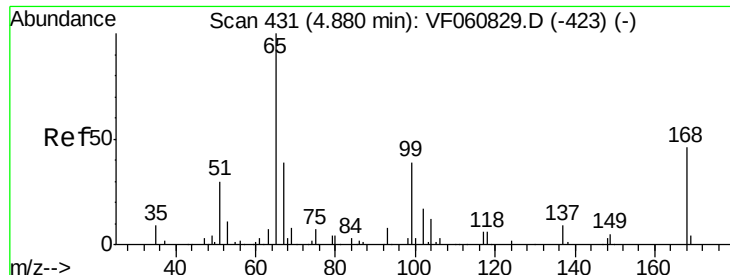
Delta R.T. -0.02 min

Lab File: VF060871.D

Acq: 29 Nov 2018 17:18

Tgt Ion:	43	Resp:	7393
Ion Ratio	Lower	Upper	
43	100		
72	21.0	15.4	23.2





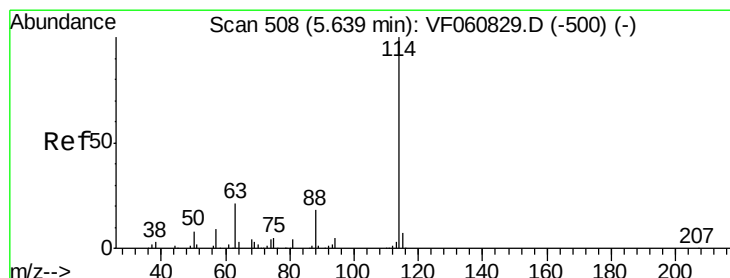
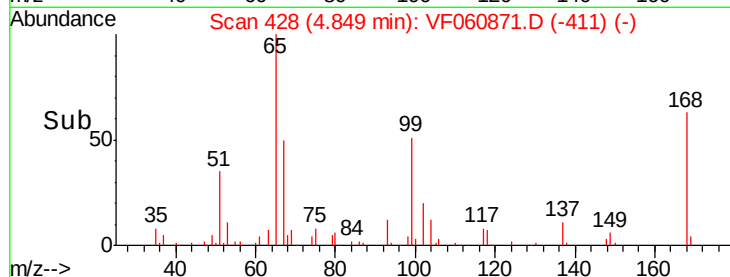
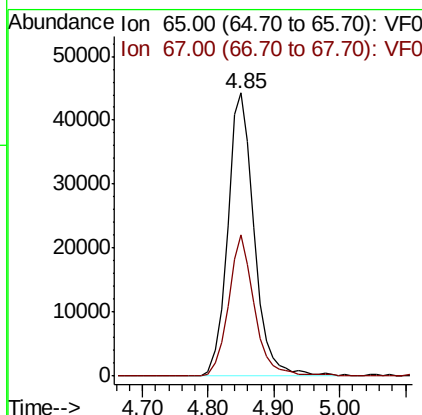
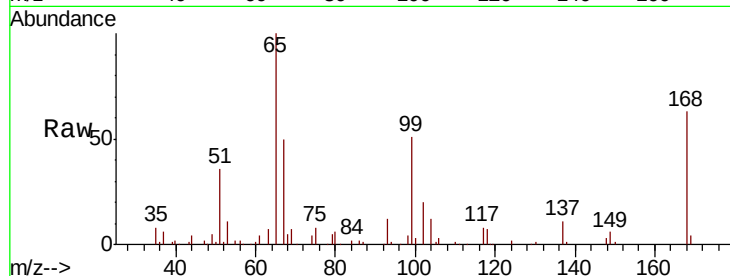
#33
 1,2-Dichloroethane-d4
 Concen: 51.809 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.03 min
 Lab File: VF060871.D
 Acq: 29 Nov 2018 17:18

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	124386		
67	50.0	0.0	96.4	

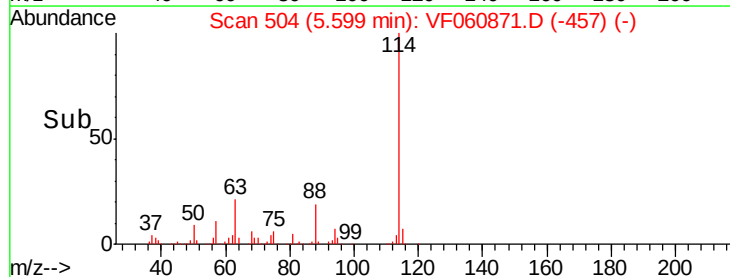
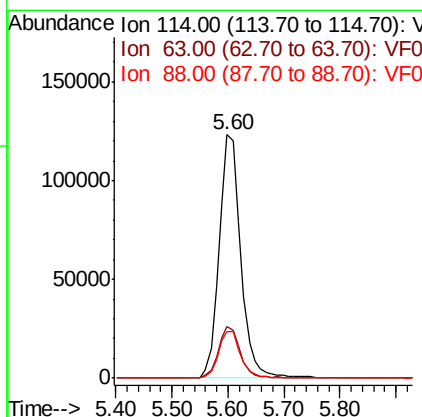
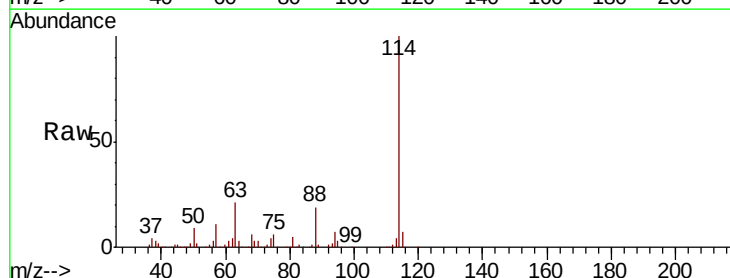
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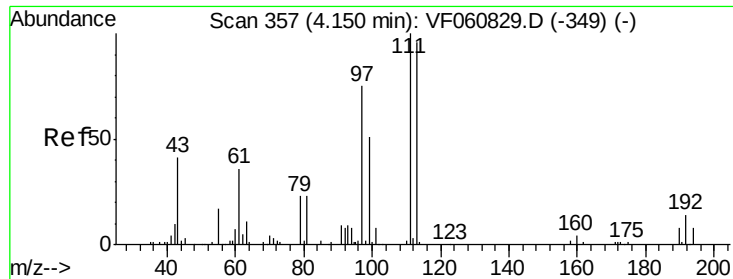
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.04 min
 Lab File: VF060871.D
 Acq: 29 Nov 2018 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	332211		
63	21.4	0.0	41.6	
88	19.0	0.0	36.6	





#35

Dibromofluoromethane

Concen: 51.363 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060871.D

Acq: 29 Nov 2018 17:18

Instrument :

MSVOA_F

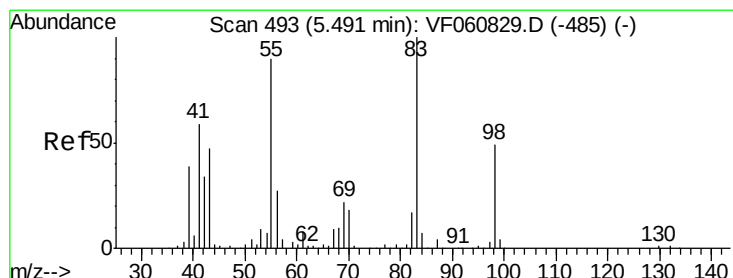
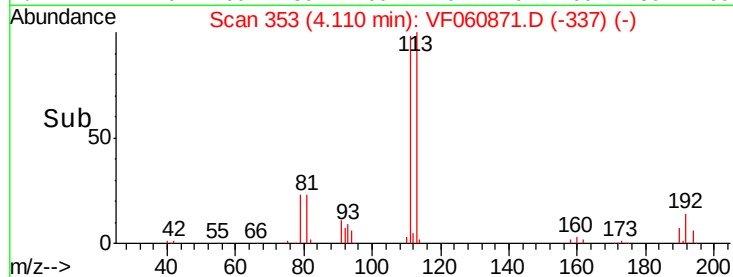
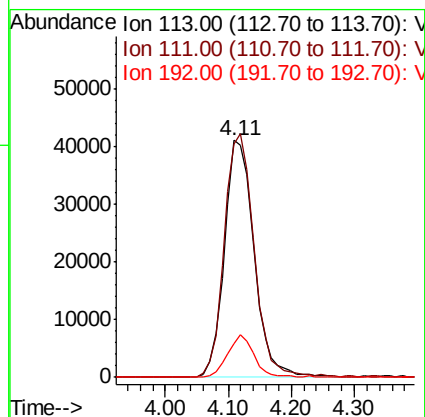
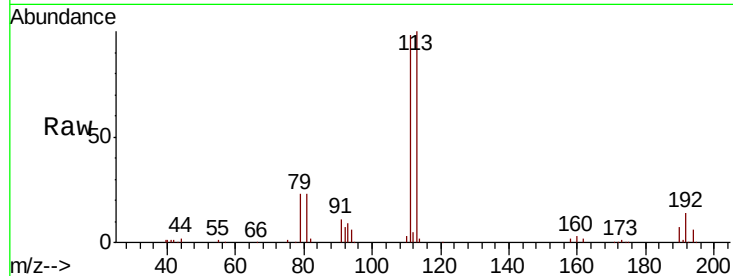
ClientSampleId :

OR-03-112918-B

Tot Ion:	113	Resp:	135367
Ion Ratio	Lower	Upper	
113	100		
111	98.3	83.0	124.6
192	14.2	12.3	18.5

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#39

Methylcyclohexane

Concen: 1.528 ug/l

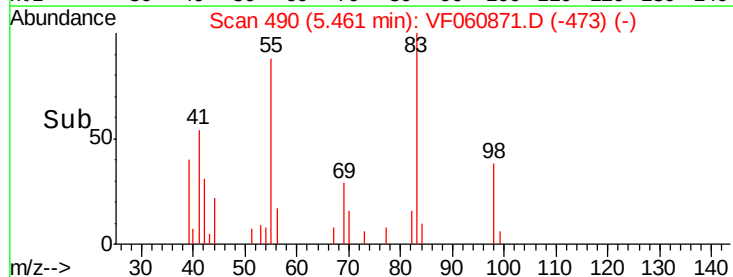
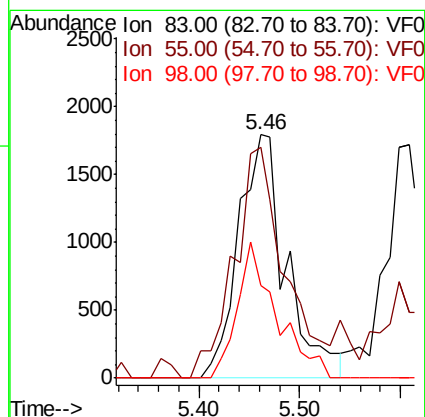
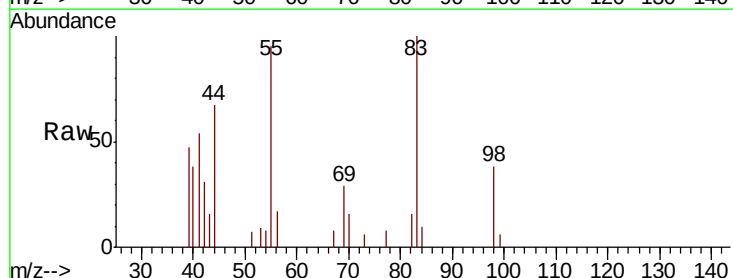
RT: 5.46 min Scan# 490

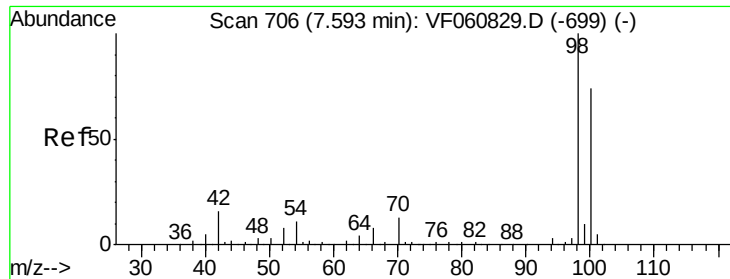
Delta R.T. -0.03 min

Lab File: VF060871.D

Acq: 29 Nov 2018 17:18

Tgt Ion:	83	Resp:	5899
Ion Ratio	Lower	Upper	
83	100		
55	94.8	72.1	108.1
98	38.1	39.1	58.7#





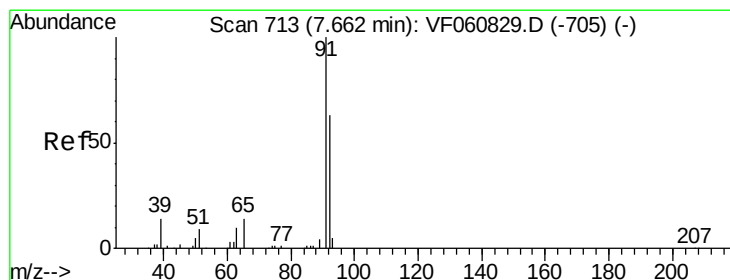
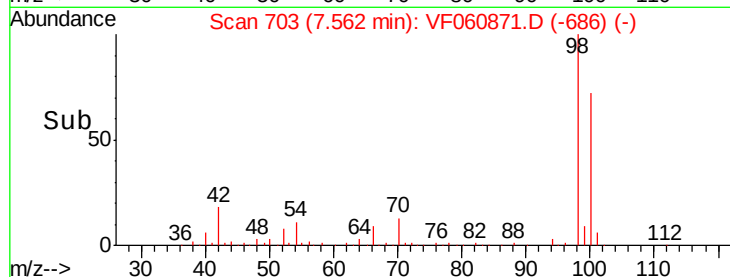
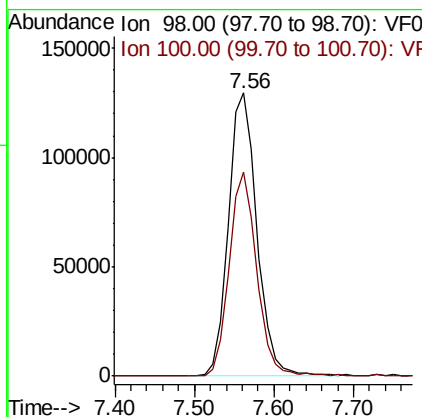
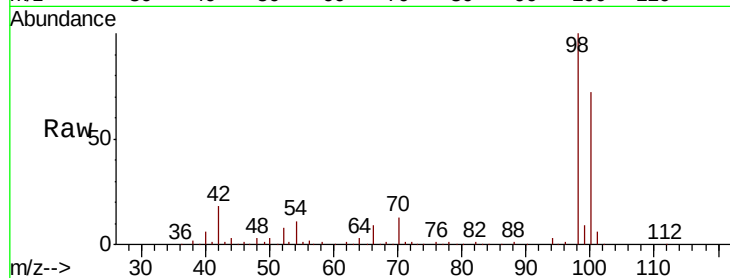
#50
Toluene-d8
Concen: 41.792 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060871.D
Acq: 29 Nov 2018 17:18

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

Tot Ion: 98 Resp: 324448
Ion Ratio Lower Upper
98 100
100 72.1 59.3 88.9

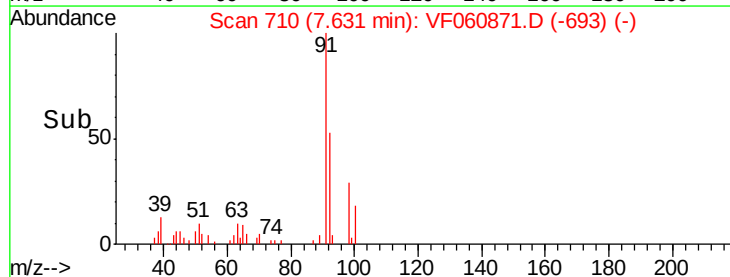
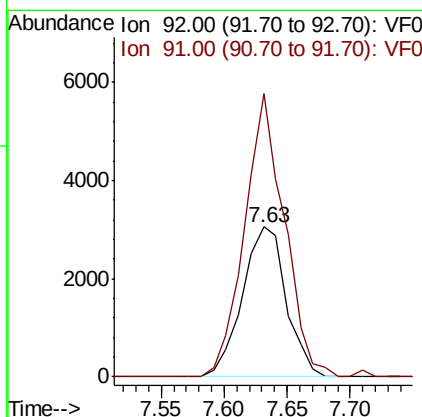
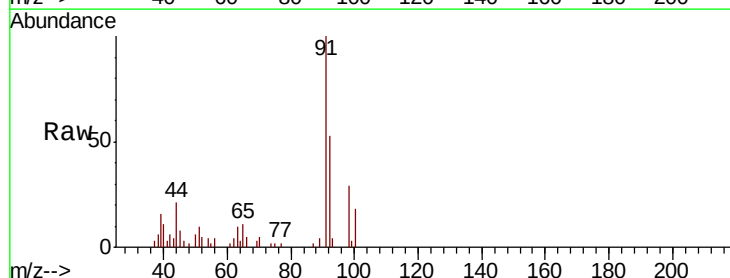
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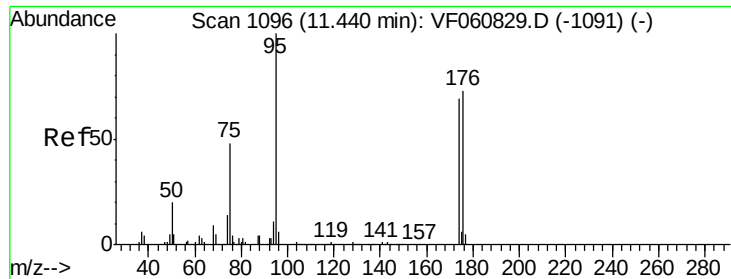
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#52
Toluene
Concen: 1.288 ug/l
RT: 7.63 min Scan# 710
Delta R.T. -0.03 min
Lab File: VF060871.D
Acq: 29 Nov 2018 17:18

Tgt Ion: 92 Resp: 7365
Ion Ratio Lower Upper
92 100
91 188.6 126.2 189.2





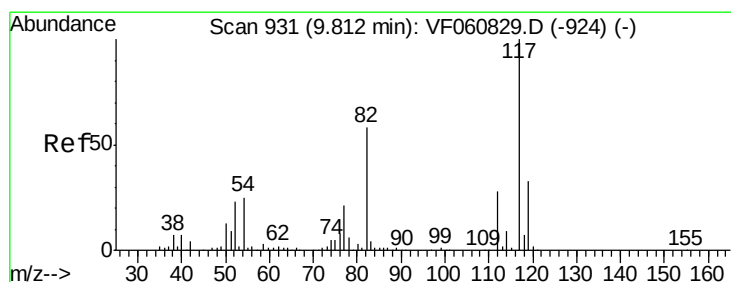
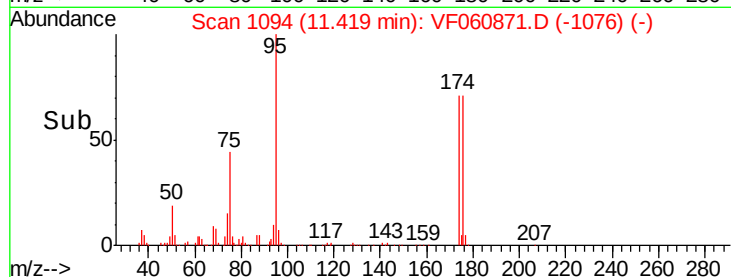
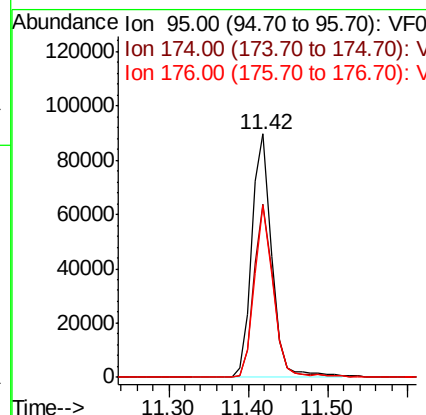
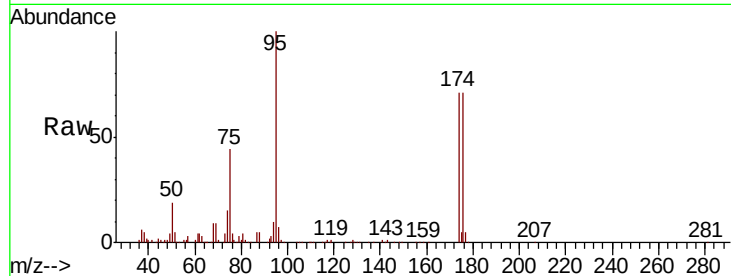
#62
4-Bromofluorobenzene
Concen: 43.580 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF060871.D
Acq: 29 Nov 2018 17:18

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

Tot Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	138.2
176	70.5	0.0	146.2

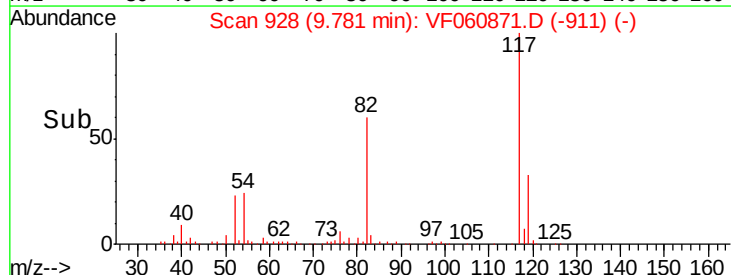
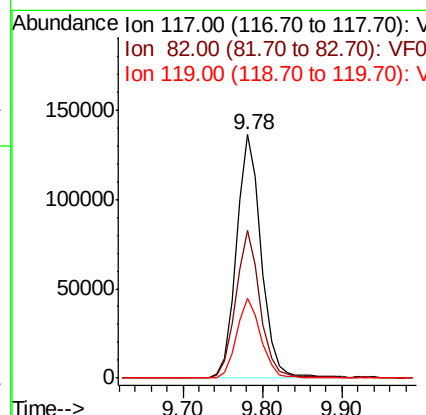
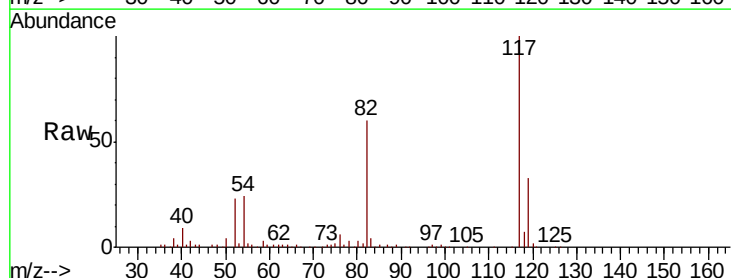
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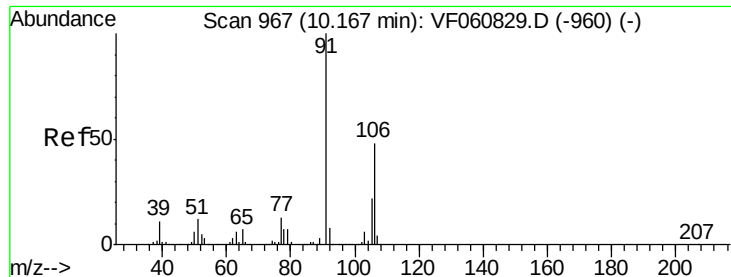
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060871.D
Acq: 29 Nov 2018 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.4	46.6	69.8
119	32.8	26.4	39.6





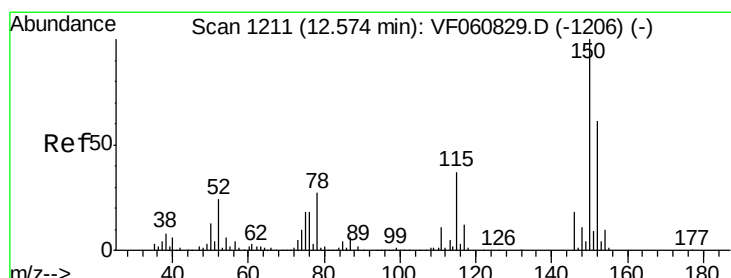
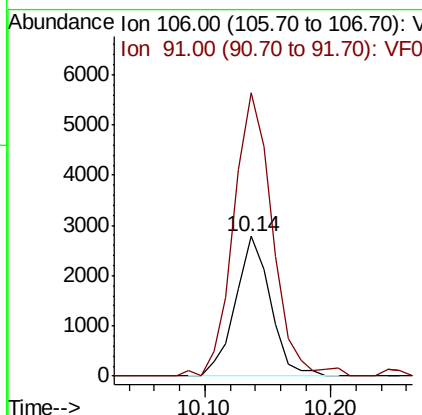
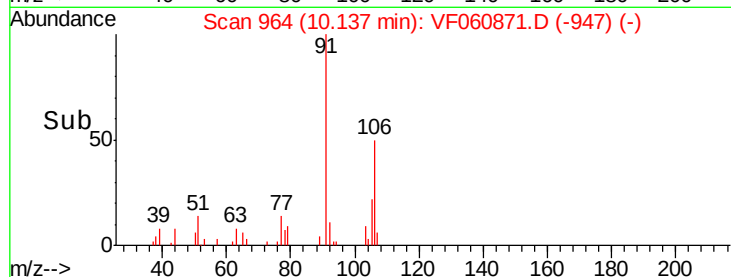
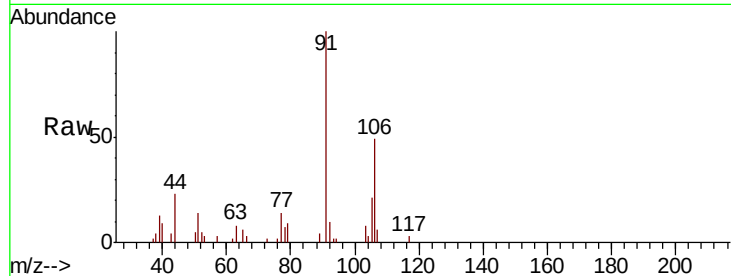
#68
m/p-Xylenes
Concen: 1.395 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.03 min
Lab File: VF060871.D
Acq: 29 Nov 2018 17:18

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

Tot Ion:106 Resp: 5388
Ion Ratio Lower Upper
106 100
91 202.7 166.7 250.1

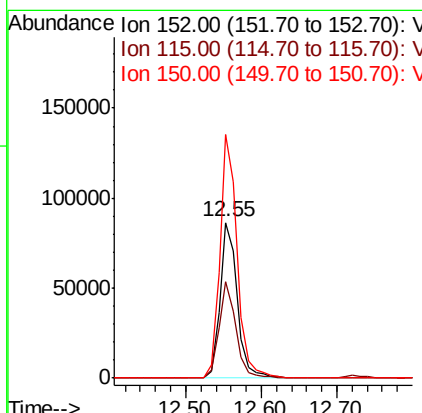
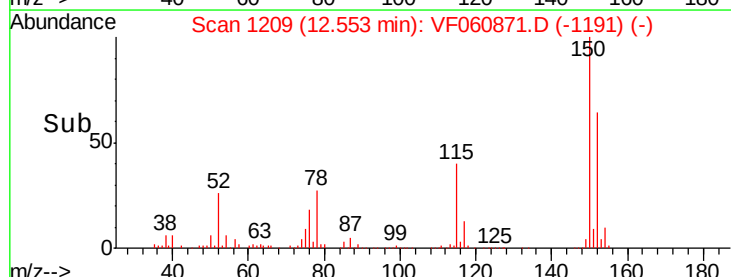
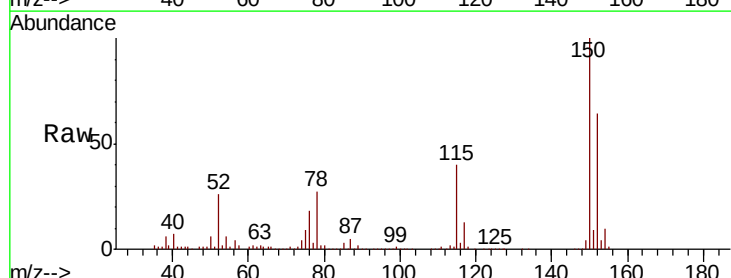
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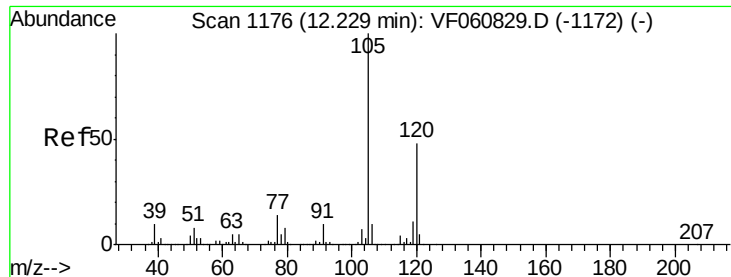
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060871.D
Acq: 29 Nov 2018 17:18

Tgt Ion:152 Resp: 138879
Ion Ratio Lower Upper
152 100
115 61.9 30.1 90.5
150 156.4 0.0 327.6





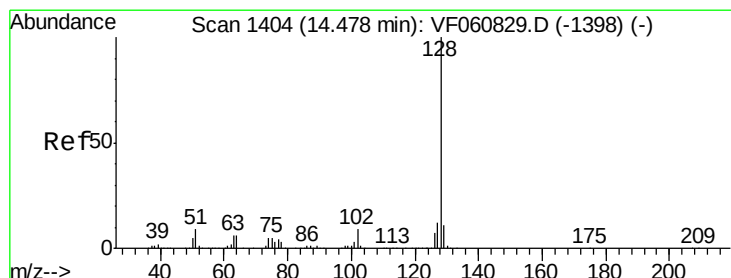
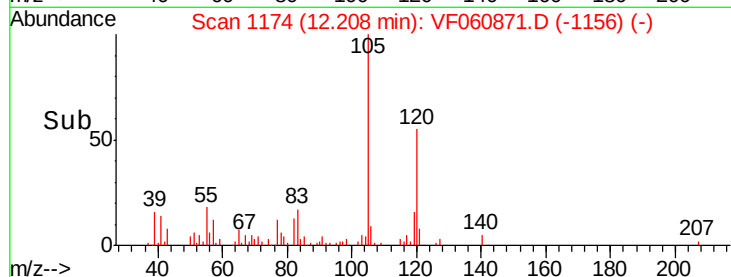
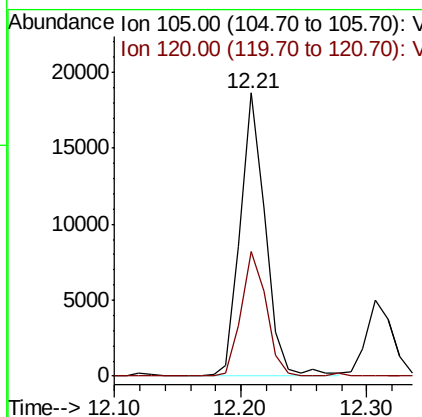
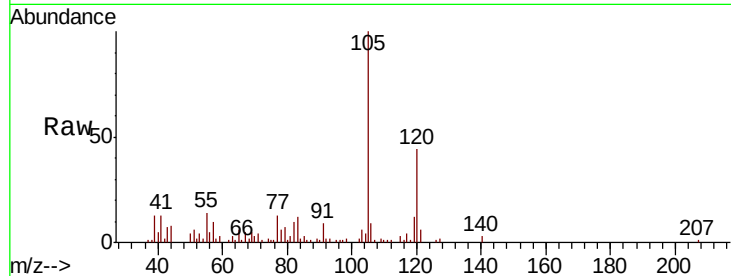
#84
 1,2,4-Trimethylbenzene
 Concen: 2.900 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: VF060871.D
 Acq: 29 Nov 2018 17:18

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.9	23.8	71.5

Manual Integrations
 APPROVED

apatel
 12/3/2018 12:10:23 PM



#95
 Naphthalene
 Concen: 4.376 ug/l
 RT: 14.46 min Scan# 1402
 Delta R.T. -0.02 min
 Lab File: VF060871.D
 Acq: 29 Nov 2018 17:18

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.9	9.9	14.9#
129	9.3	9.1	13.7

