

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060601.D
 Acq On : 6 Nov 2018 8:09
 Operator : VA/AP
 Sample : J5794-03
 Misc : 5.13/5mL/MSVOA-F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-12B-S

Manual Integrations
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 11/6/2018 12:53:59 PM

Quant Time: Nov 06 08:25:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	221998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	434713	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	352484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	144808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	113692	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	4.12	113	142002	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
50) Toluene-d8	7.56	98	345277	34.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.40%	
62) 4-Bromofluorobenzene	11.42	95	136558	31.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.76%	
Target Compounds						
8) Diethyl Ether	1.63	74	2414	3.887	ug/l	86
20) Methylene Chloride	2.18	84	18744m	7.293	ug/l	
80) 1,3,5-Trimethylbenzene	11.83	105	12144	1.305	ug/l	94
84) 1,2,4-Trimethylbenzene	12.22	105	19710	2.162	ug/l	97
95) Naphthalene	14.47	128	12537	2.032	ug/l #	91

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

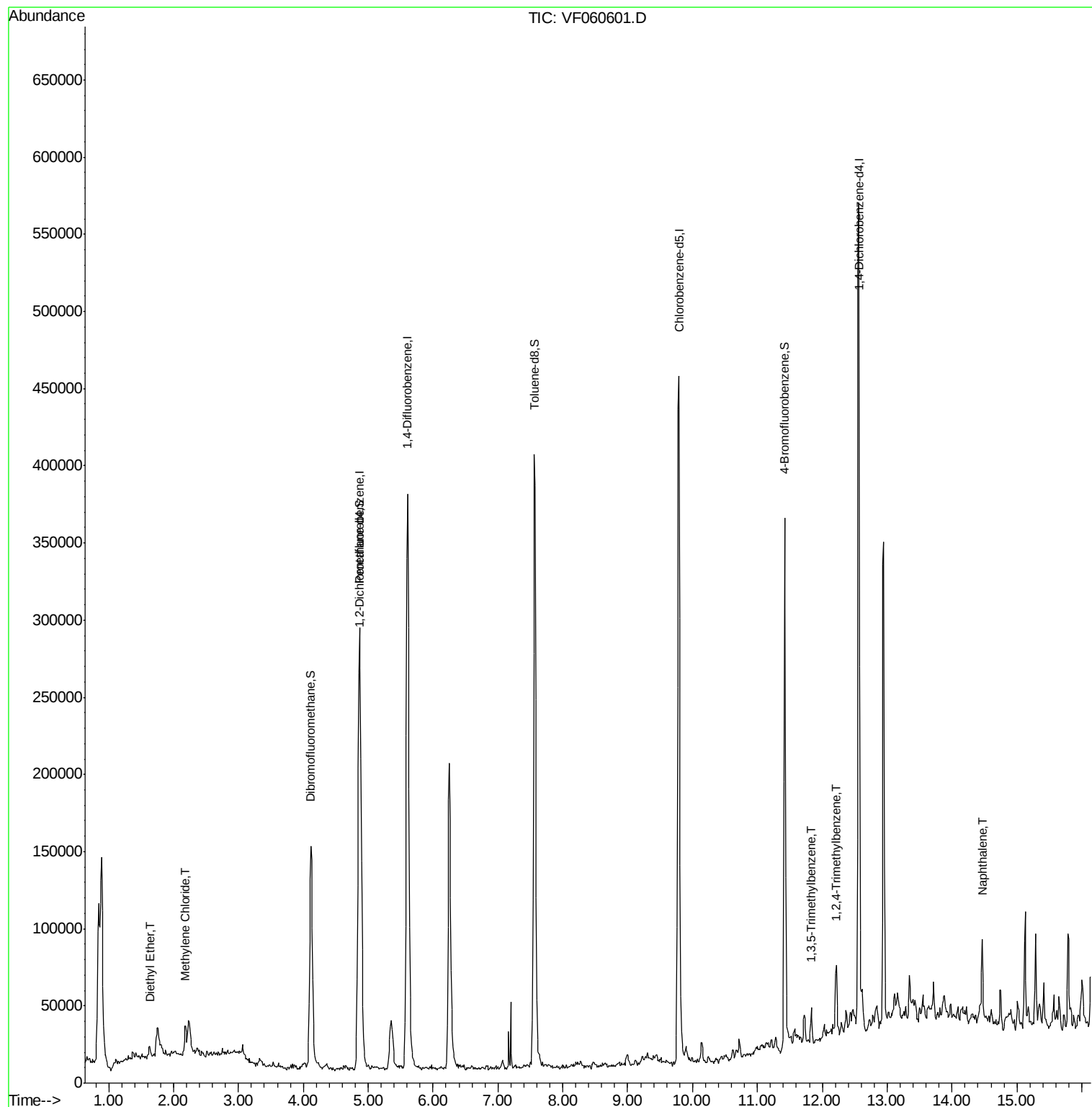
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060601.D
Acq On : 6 Nov 2018 8:09
Operator : VA/AP
Sample : J5794-03
Misc : 5.13/5mL/MSVOA-F/SOIL
ALS Vial : 43 Sample Multiplier: 1

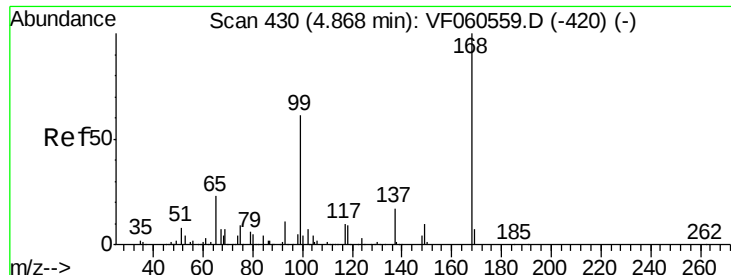
Instrument :
MSVOA_F
ClientSampleId :
TP-12B-S

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Quant Time: Nov 06 08:25:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060601.D

Acq: 6 Nov 2018 8:09

Instrument :

MSVOA_F

ClientSampleId :

TP-12B-S

Tot Ion:168 Resp: 221998

Ion Ratio Lower Upper

168 100

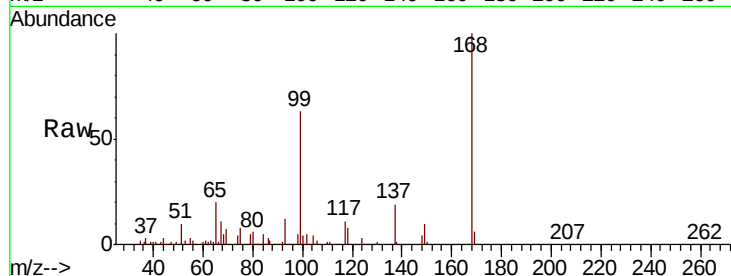
99 62.8 48.6 72.8

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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

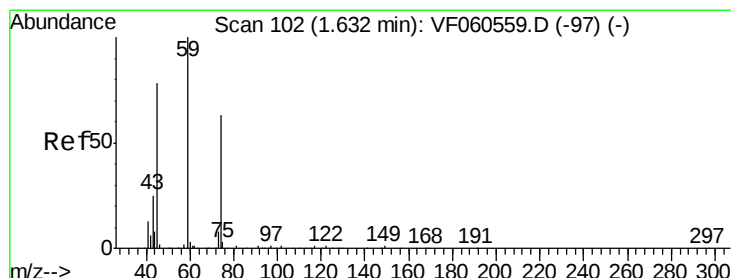
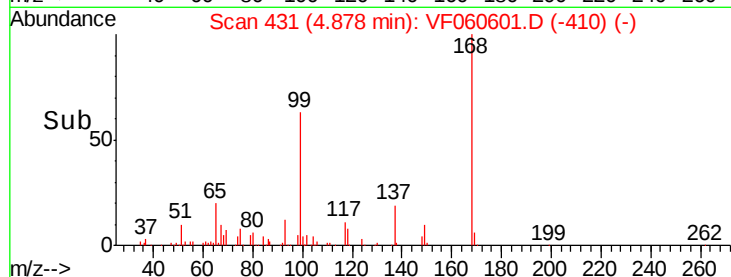
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 3.887 ug/l

RT: 1.63 min Scan# 102

Delta R.T. -0.00 min

Lab File: VF060601.D

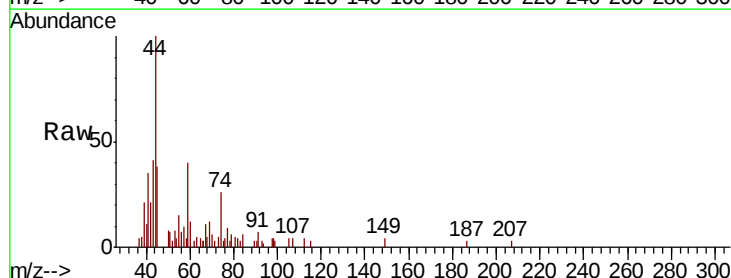
Acq: 6 Nov 2018 8:09

Tgt Ion: 74 Resp: 2414

Ion Ratio Lower Upper

74 100

45 143.4 63.8 191.5



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

10000

8000

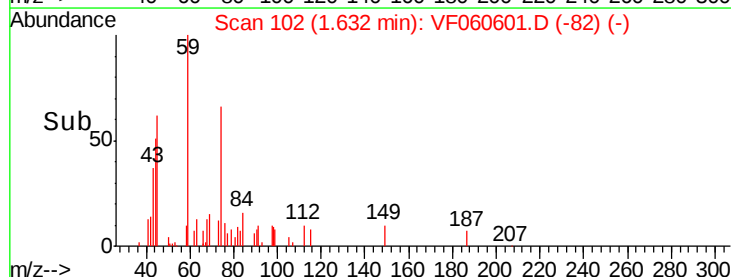
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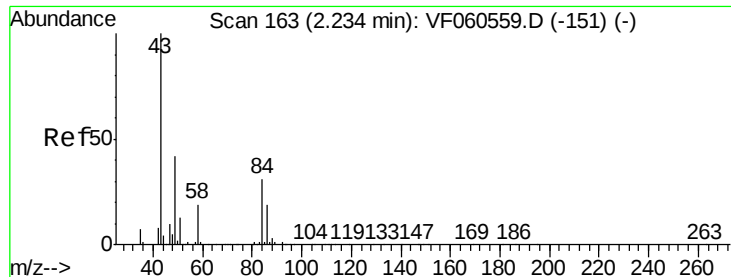
4000

2000

0

Time-->





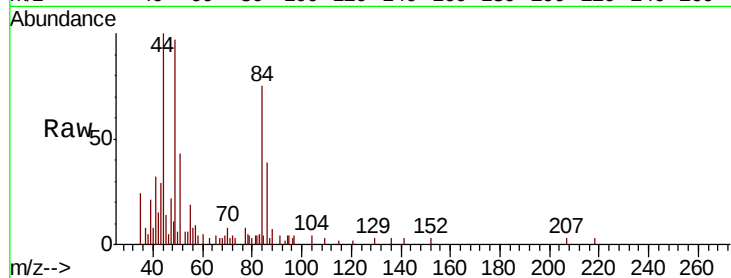
#20
Methvlene Chloride
Concen: 7.293 ug/l m
RT: 2.18 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF060601.D
Acq: 6 Nov 2018 8:09

Instrument :
MSVOA_F
ClientSampleId :
TP-12B-S

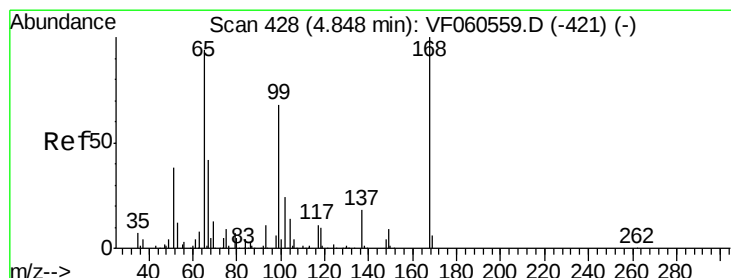
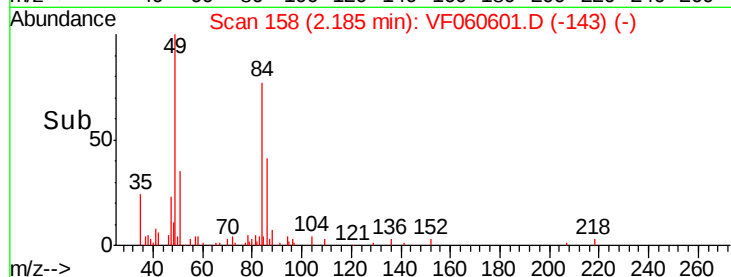
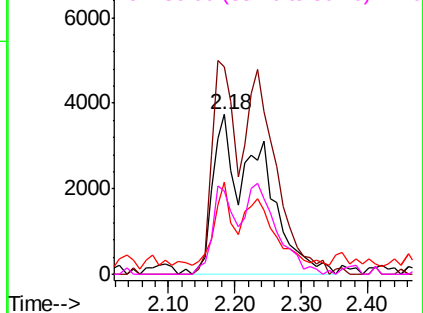
Tot Ion	Ratio	Lower	Upper
84	100		
49	129.3	109.9	164.9
51	57.9	35.8	53.8
86	52.4	48.3	72.5

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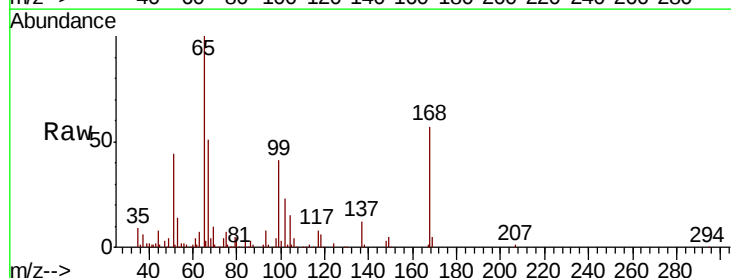


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

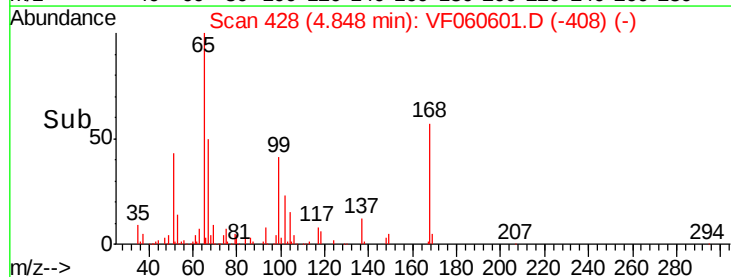
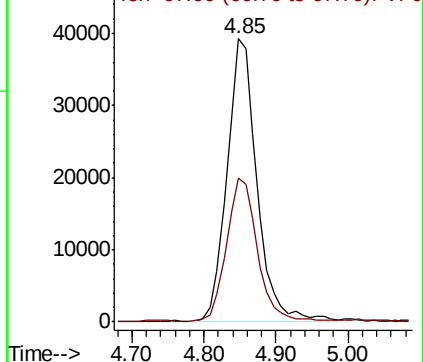


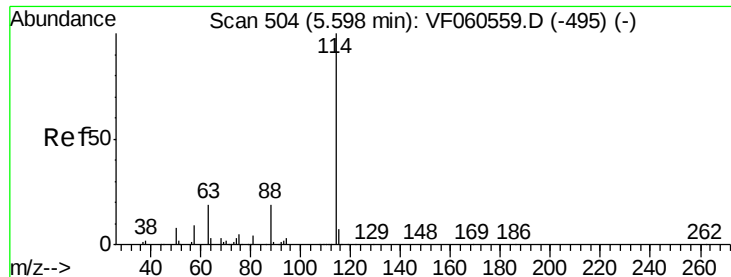
#33
1,2-Dichloroethane-d4
Concen: 50.687 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.00 min
Lab File: VF060601.D
Acq: 6 Nov 2018 8:09

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060601.D

Acq: 6 Nov 2018 8:09

Instrument :

MSVOA_F

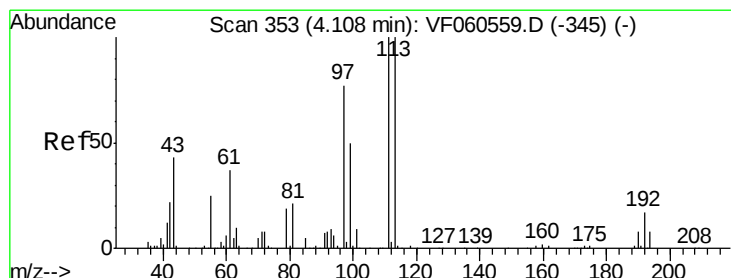
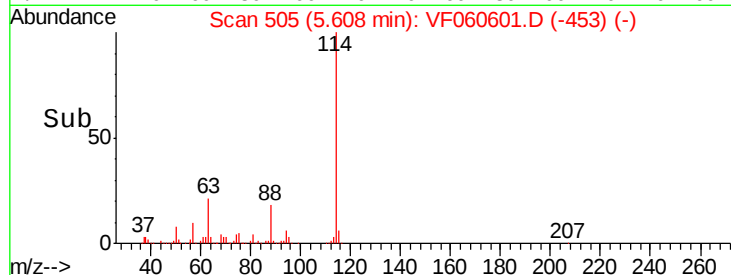
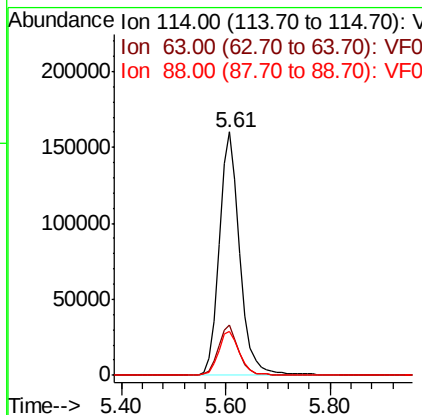
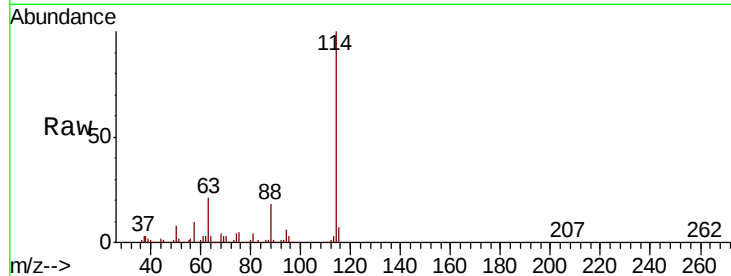
ClientSampleId :

TP-12B-S

Tot Ion:	114	Resp:	434713
Ion Ratio		Lower	Upper
114	100		
63	20.8	0.0	39.0
88	18.3	0.0	38.2

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#35

Dibromofluoromethane

Concen: 42.280 ug/l

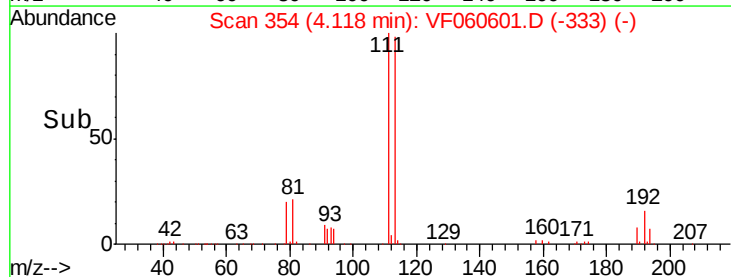
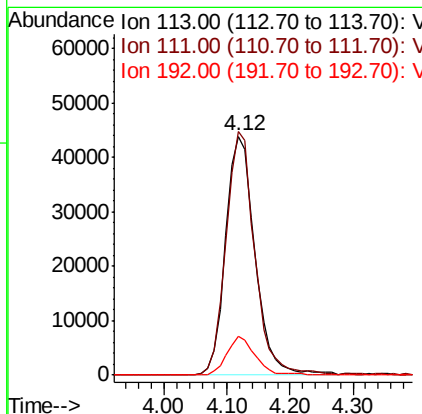
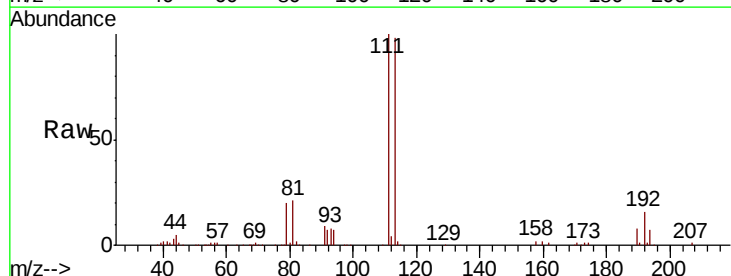
RT: 4.12 min Scan# 354

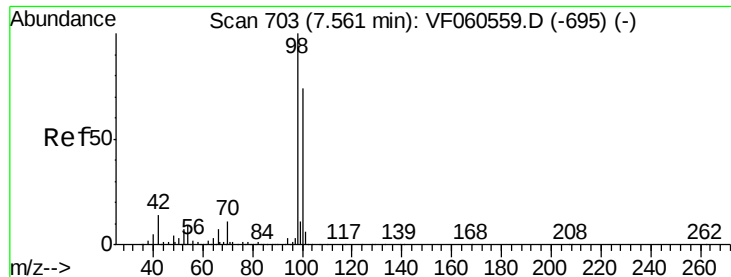
Delta R.T. 0.01 min

Lab File: VF060601.D

Acq: 6 Nov 2018 8:09

Tgt Ion:	113	Resp:	142002
Ion Ratio		Lower	Upper
113	100		
111	102.1	79.9	119.9
192	16.9	13.3	19.9





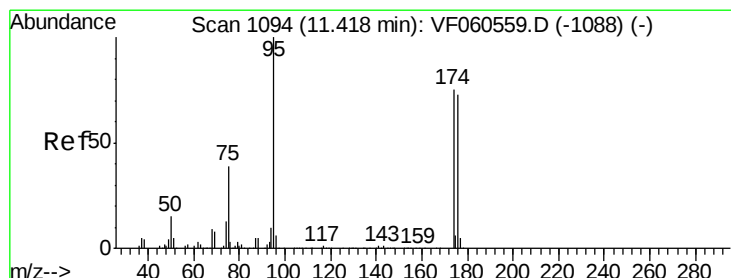
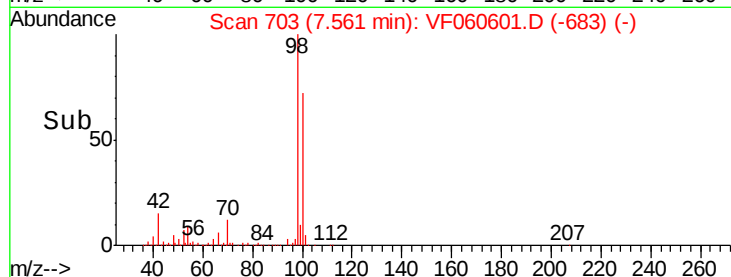
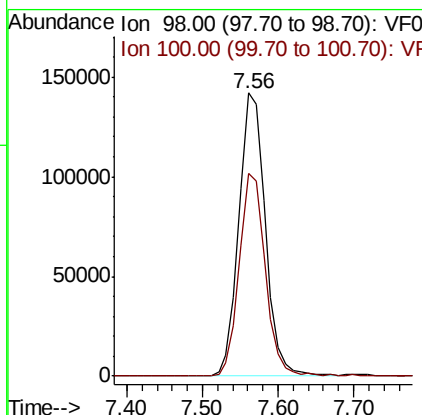
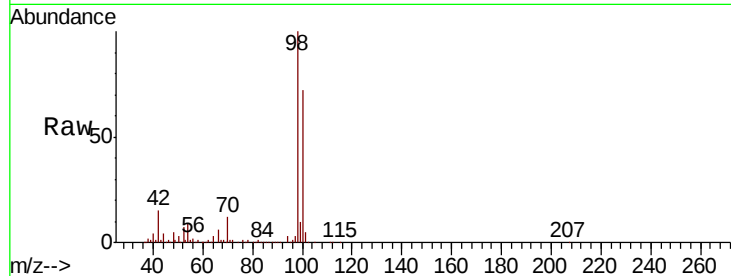
#50
Toluene-d8
Concen: 34.704 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF060601.D
Acq: 6 Nov 2018 8:09

Instrument :
MSVOA_F
ClientSampleId :
TP-12B-S

Tot Ion	Ratio	Lower	Upper
98	100		
100	71.7	59.4	89.2

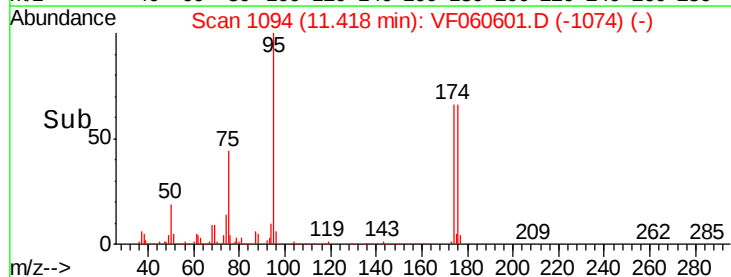
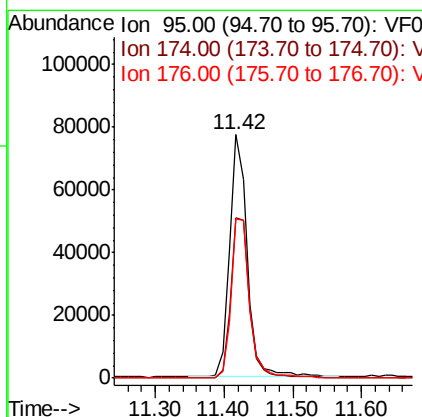
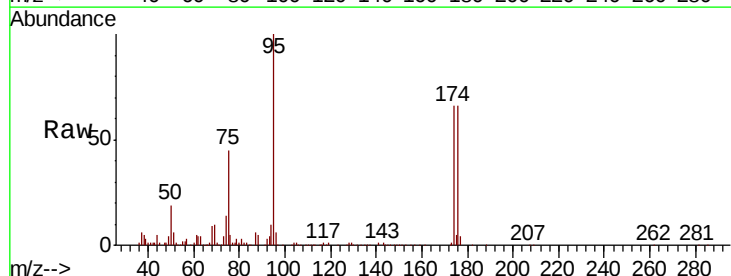
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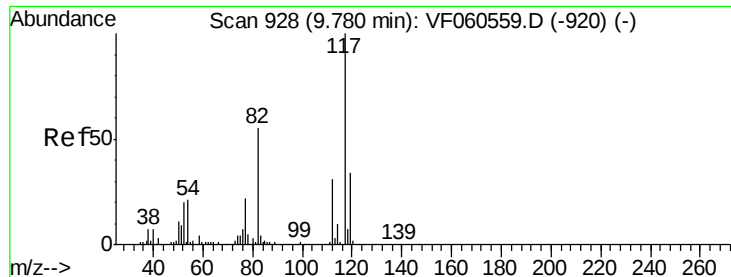
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#62
4-Bromofluorobenzene
Concen: 31.379 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VF060601.D
Acq: 6 Nov 2018 8:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.1	0.0	149.0
176	65.5	0.0	145.6





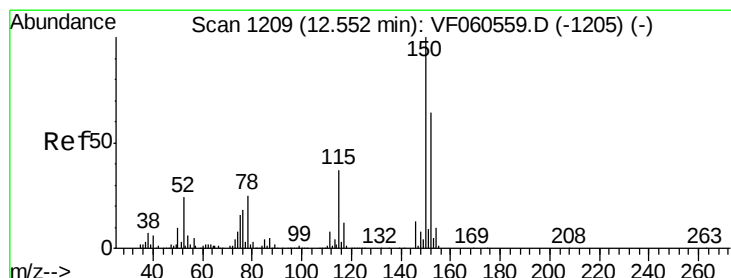
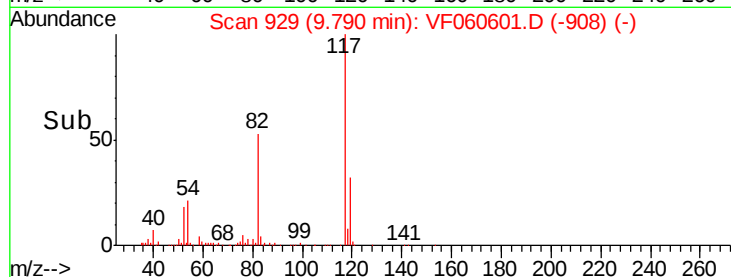
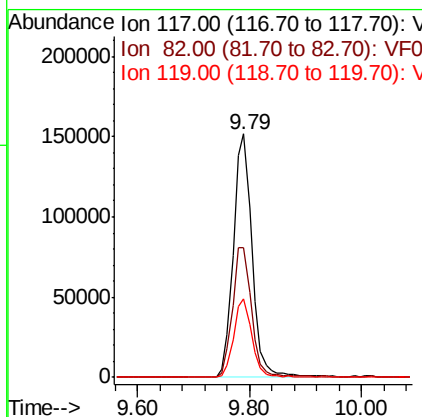
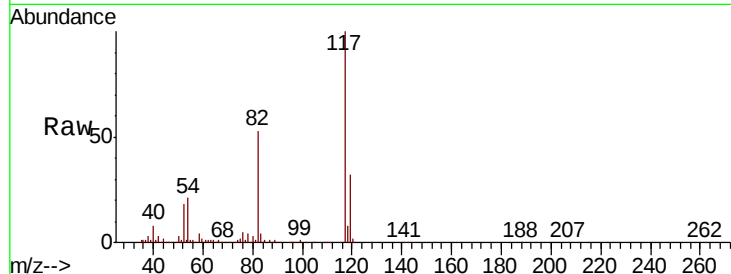
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060601.D
Acq: 6 Nov 2018 8:09

Instrument :
MSVOA_F
ClientSampleId :
TP-12B-S

Tot Ion	Ratio	Resp	Lower	Upper
117	100	352484		
82	53.2	43.9	65.9	
119	32.3	27.4	41.0	

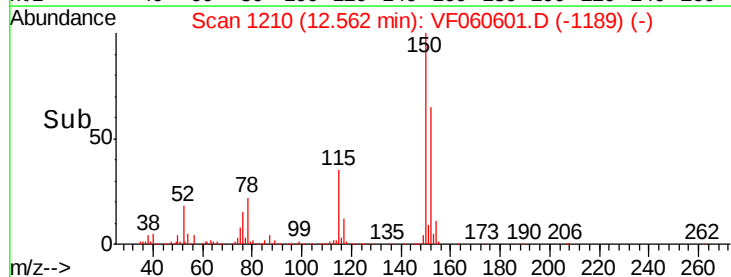
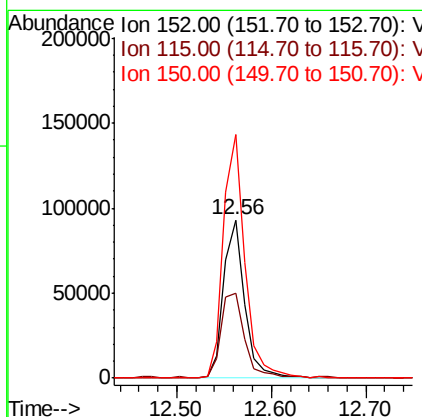
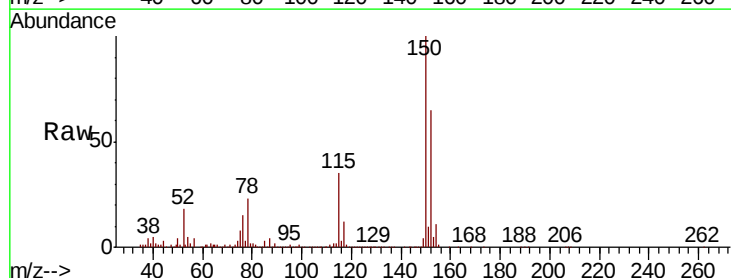
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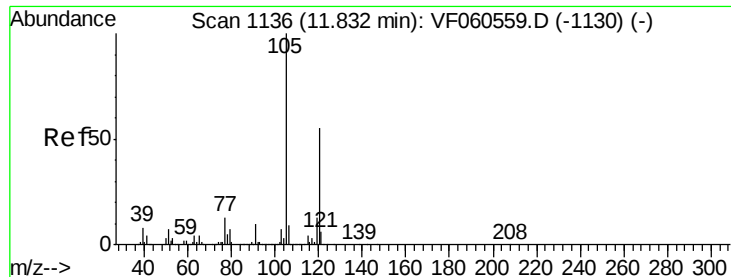
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060601.D
Acq: 6 Nov 2018 8:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	144808		
115	54.0	29.6	88.8	
150	154.2	0.0	315.6	





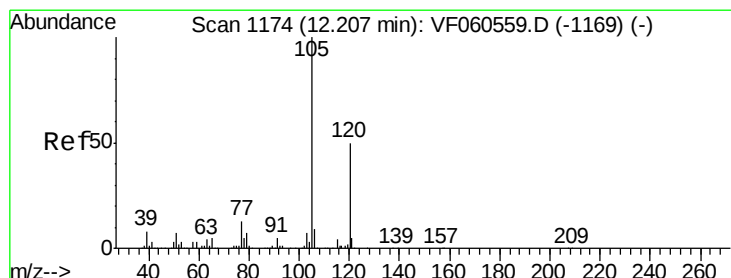
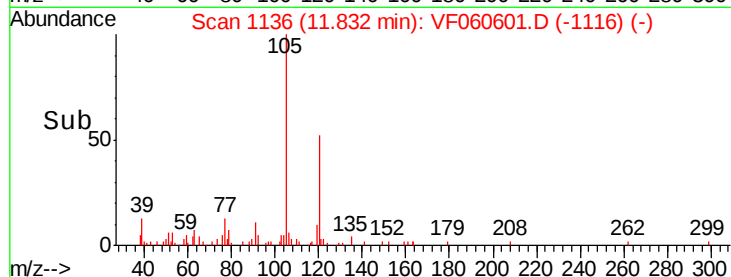
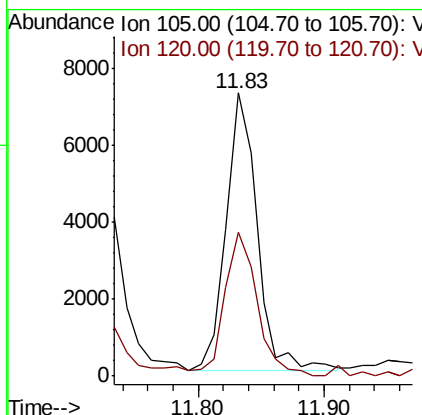
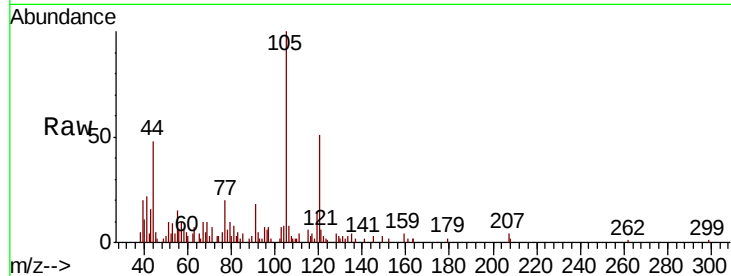
#80
 1,3,5-Trimethylbenzene
 Concen: 1.305 ug/l
 RT: 11.83 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VF060601.D
 Acq: 6 Nov 2018 8:09

Instrument :
 MSVOA_F
 ClientSampleId :
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Tot Ion:105 Resp: 12144
 Ion Ratio Lower Upper
 105 100
 120 50.7 27.6 82.8

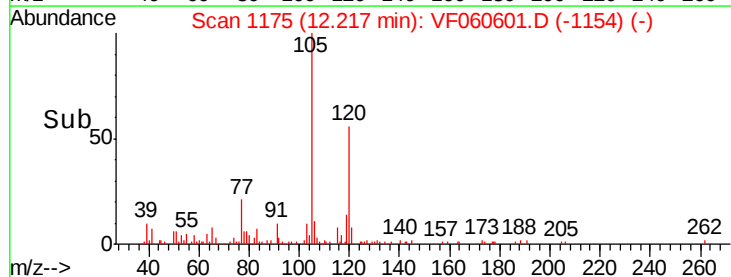
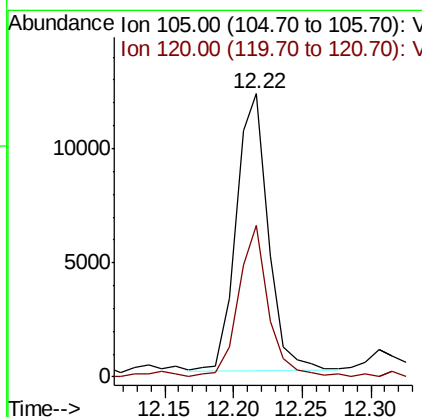
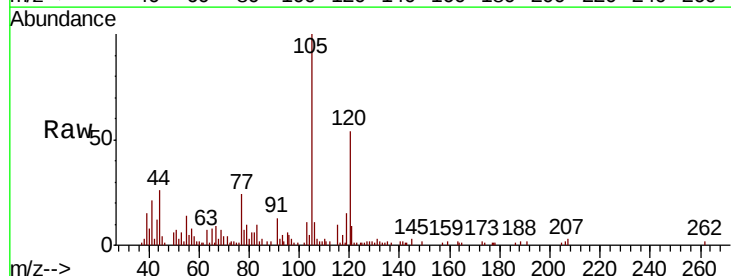
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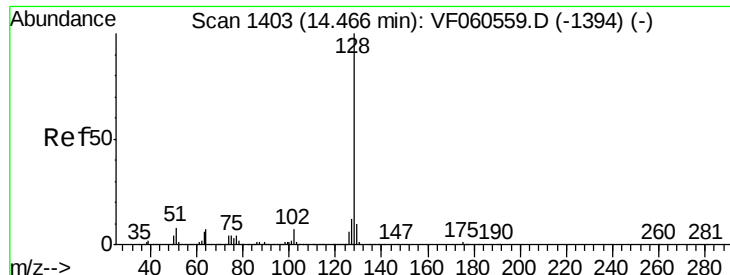
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#84
 1,2,4-Trimethylbenzene
 Concen: 2.162 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VF060601.D
 Acq: 6 Nov 2018 8:09

Tgt Ion:105 Resp: 19710
 Ion Ratio Lower Upper
 105 100
 120 53.6 25.6 76.8





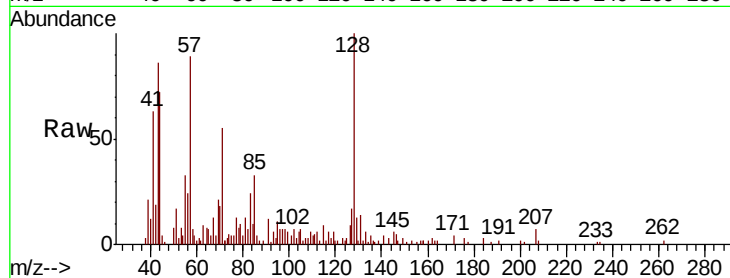
#95
Naphthalene
Concen: 2.032 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. -0.00 min
Lab File: VF060601.D
Acq: 6 Nov 2018 8:09

Instrument :
MSVOA_F
ClientSampleId :
TP-12B-S

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	16.6	9.4	14.0#
129	12.6	8.4	12.6

Manual Integrations
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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

