

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060529.D
 Acq On : 26 Oct 2018 21:17
 Operator : VA/AP
 Sample : J5204-15
 Misc : 6.32/5mL/MSVOA F/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-01-102518-B

Manual Integrations
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Quant Time: Oct 27 04:06:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 02:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	306422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	506873	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	424912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	218959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	243047	39.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.82%	
35) Dibromofluoromethane	4.29	113	257634	42.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.80%	
50) Toluene-d8	7.71	98	548000	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
62) 4-Bromofluorobenzene	11.52	95	232169	34.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.38%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.28	84	21723m	2.164	ug/l	
52) Toluene	7.78	92	110774	13.649	ug/l	89
68) m/p-Xylenes	10.27	106	18106	3.162	ug/l	89
69) o-Xylene	10.84	106	7031	1.094	ug/l	65
95) Naphthalene	14.52	128	42810	4.715	ug/l	97

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

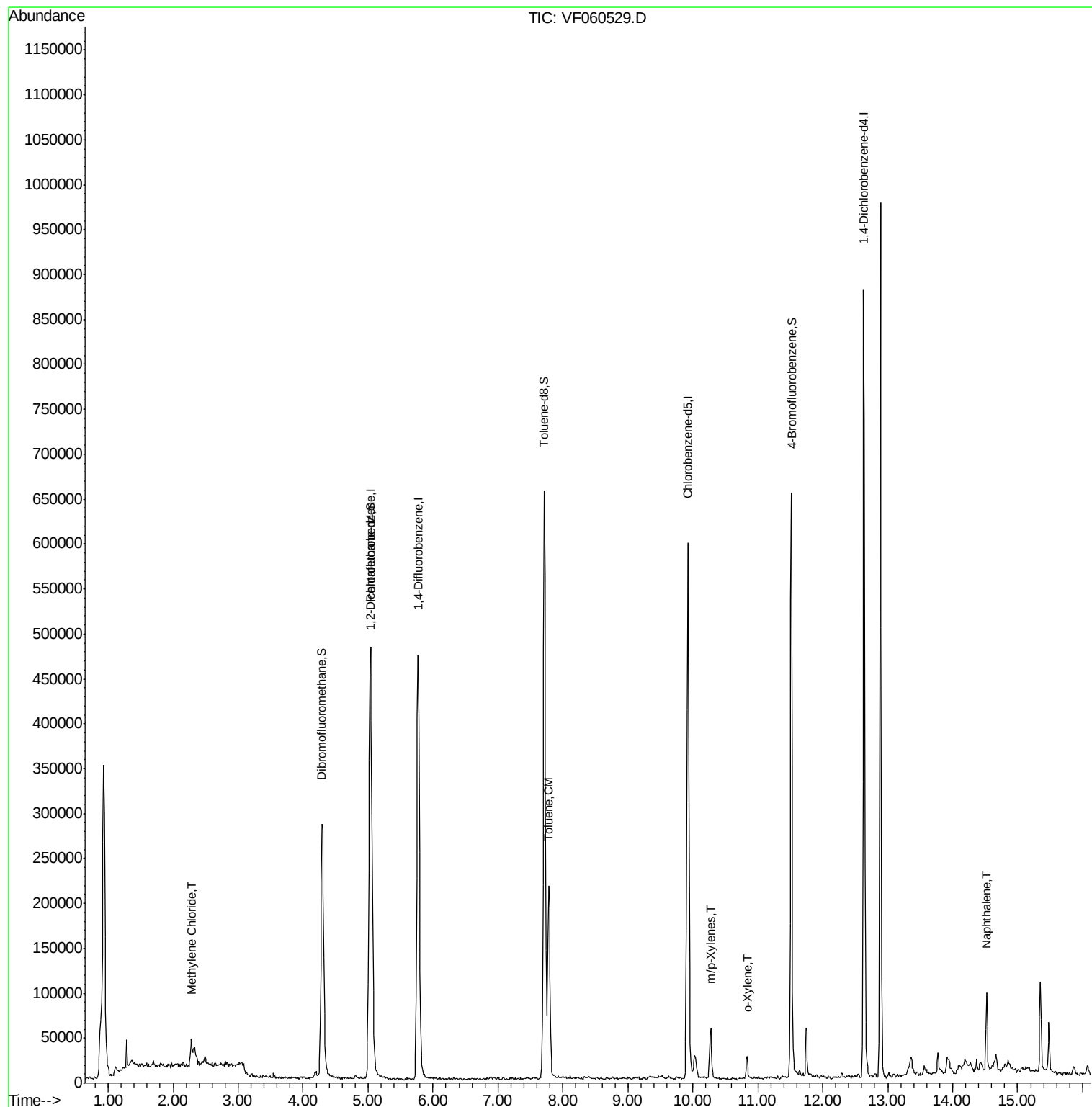
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060529.D
Acq On : 26 Oct 2018 21:17
Operator : VA/AP
Sample : J5204-15
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ALS Vial : 45 Sample Multiplier: 1

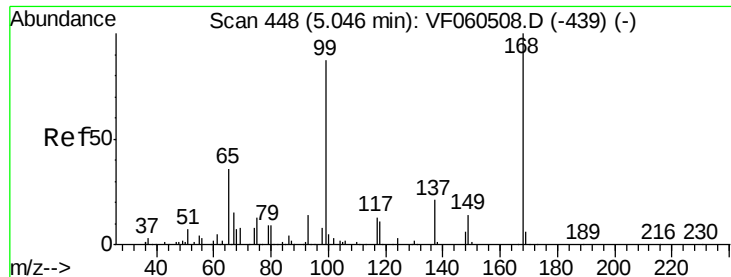
Instrument :
MSVOA_F
ClientSampleId :
SU-01-102518-B

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Quant Time: Oct 27 04:06:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.01 min

Lab File: VF060529.D

Acq: 26 Oct 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

SU-01-102518-B

Tot Ion:168 Resp: 306422

Ion Ratio Lower Upper

168 100

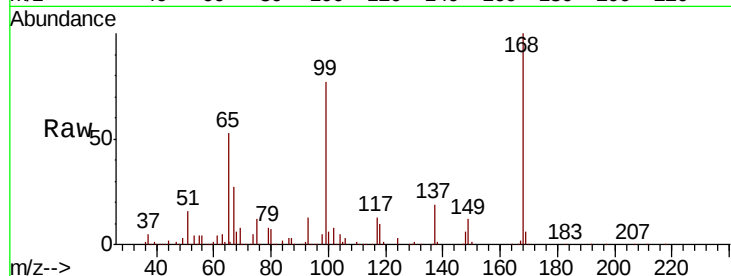
99 76.8 69.9 104.9

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

100000

80000

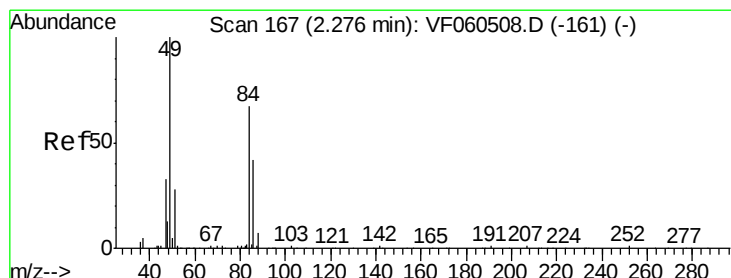
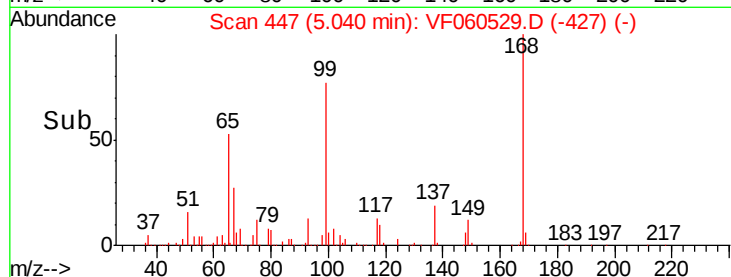
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.164 ug/l m

RT: 2.28 min Scan# 167

Delta R.T. 0.00 min

Lab File: VF060529.D

Acq: 26 Oct 2018 21:17

Tgt Ion: 84 Resp: 21723

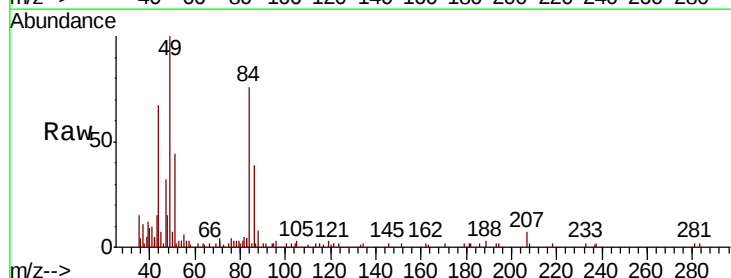
Ion Ratio Lower Upper

84 100

49 131.1 123.1 184.7

51 57.8 35.3 52.9#

86 51.0 49.9 74.9



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

12000

10000

8000

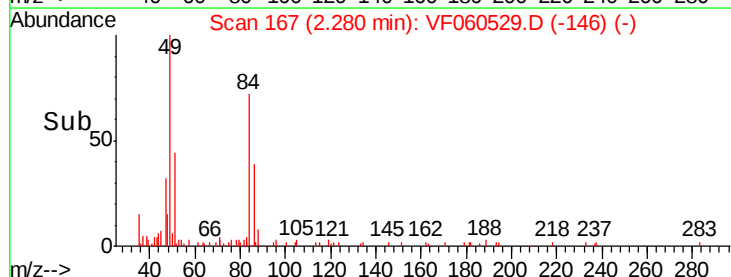
6000

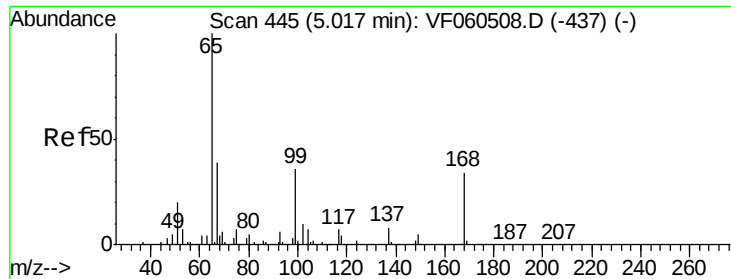
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 39.907 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060529.D

Acq: 26 Oct 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

SU-01-102518-B

Tot Ion: 65 Resp: 243047

Ion Ratio Lower Upper

65 100

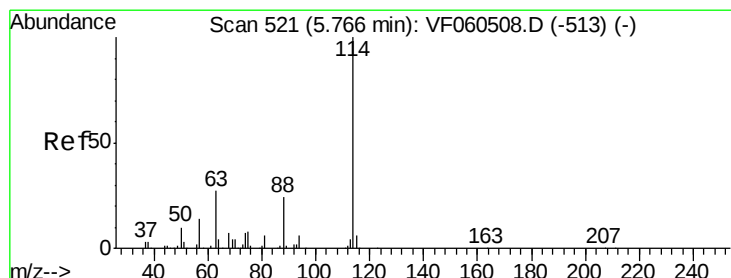
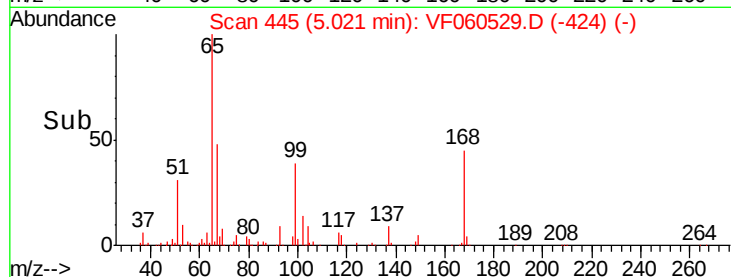
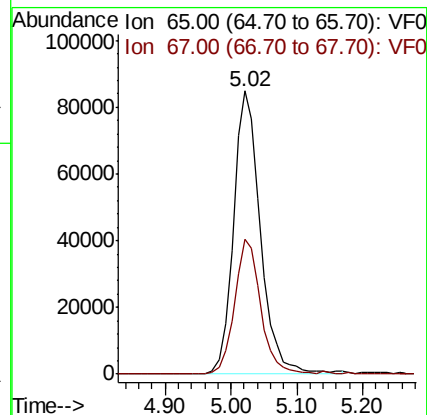
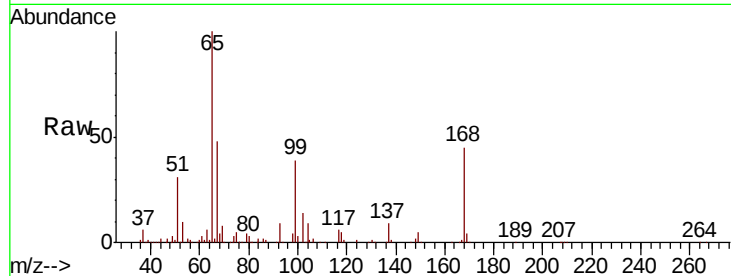
67 47.8 0.0 85.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 521

Delta R.T. 0.00 min

Lab File: VF060529.D

Acq: 26 Oct 2018 21:17

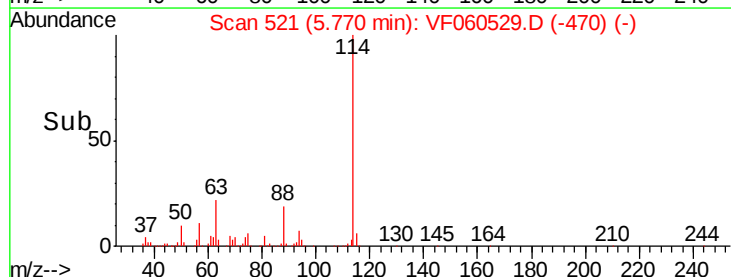
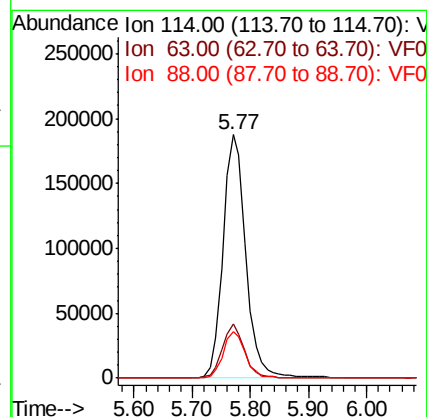
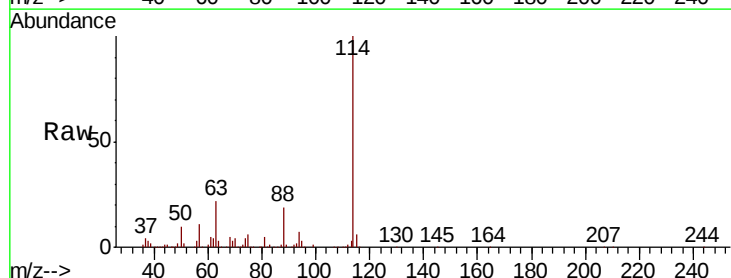
Tgt Ion: 114 Resp: 506873

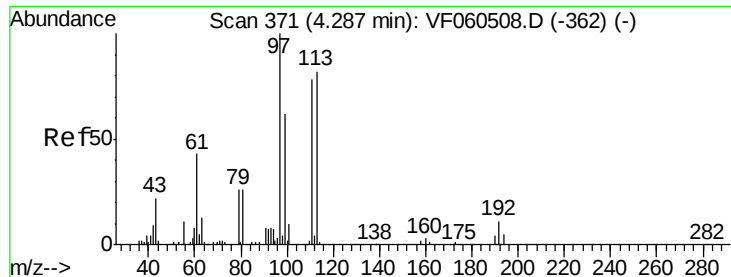
Ion Ratio Lower Upper

114 100

63 22.1 0.0 54.4

88 19.3 0.0 47.2





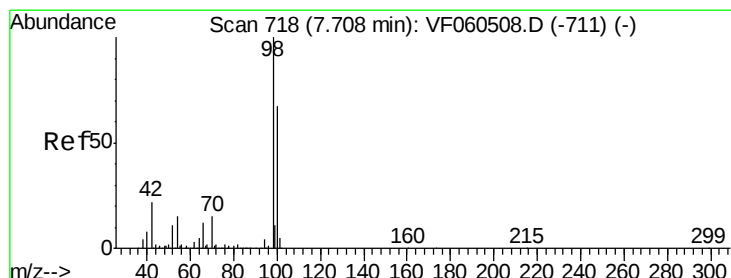
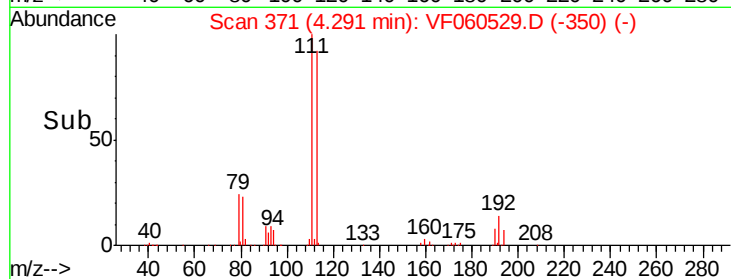
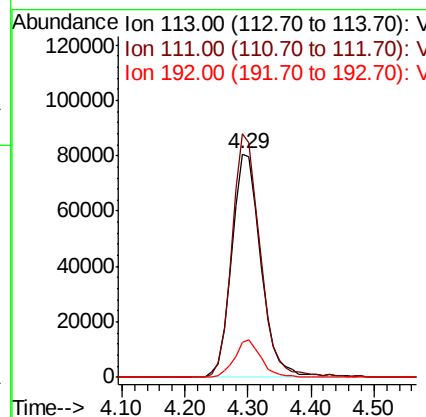
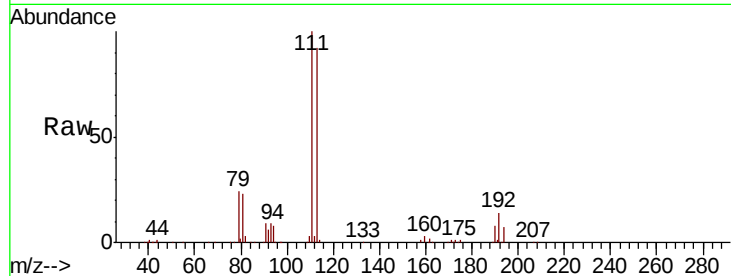
#35
 Dibromofluoromethane
 Concen: 42.404 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VF060529.D
 Acq: 26 Oct 2018 21:17

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-01-102518-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	109.0	75.9	113.9
192	15.4	10.6	15.8

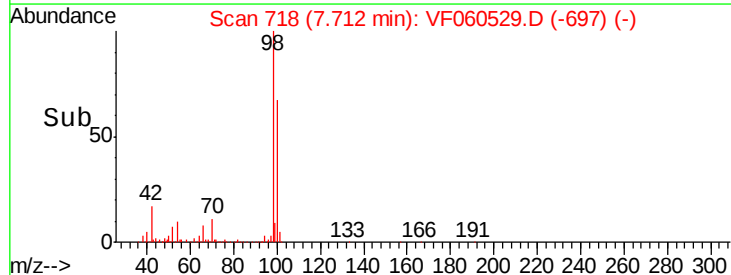
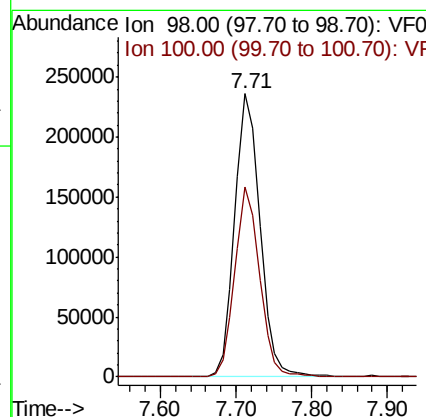
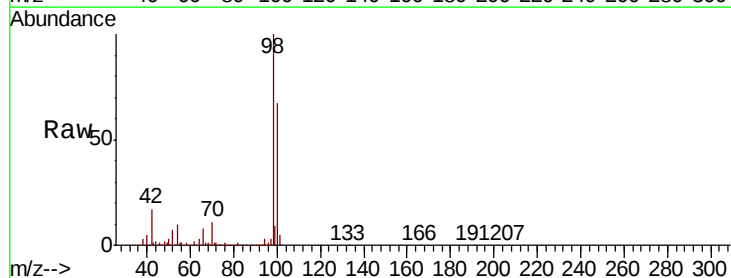
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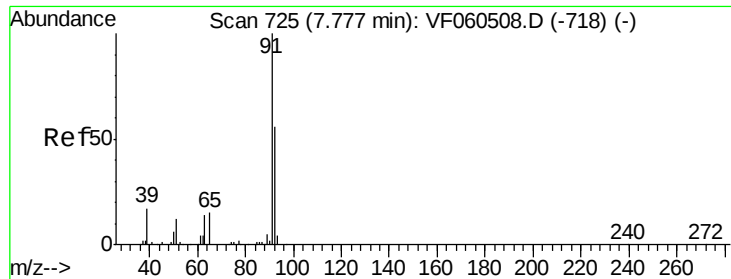
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#50
 Toluene-d8
 Concen: 44.944 ug/l
 RT: 7.71 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VF060529.D
 Acq: 26 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.0





#52

Toluene

Concen: 13.649 ug/l

RT: 7.78 min Scan# 725

Delta R.T. 0.00 min

Lab File: VF060529.D

Acq: 26 Oct 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

SU-01-102518-B

Tot Ion: 92 Resp: 110774

Ion Ratio Lower Upper

92 100

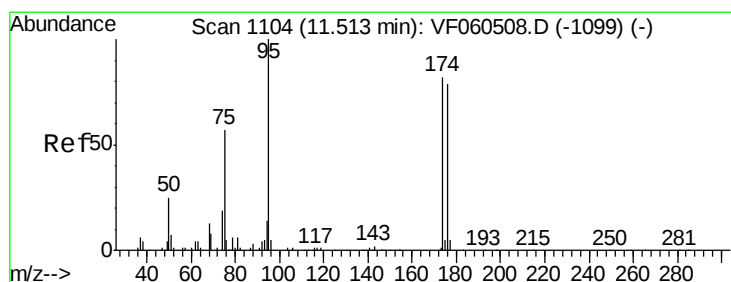
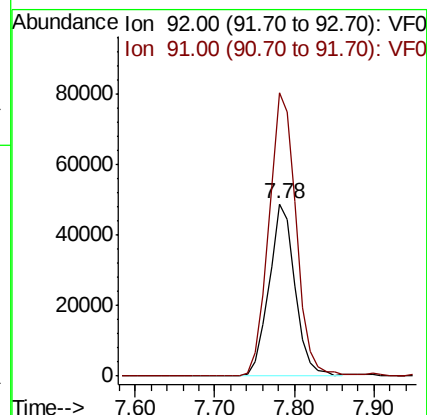
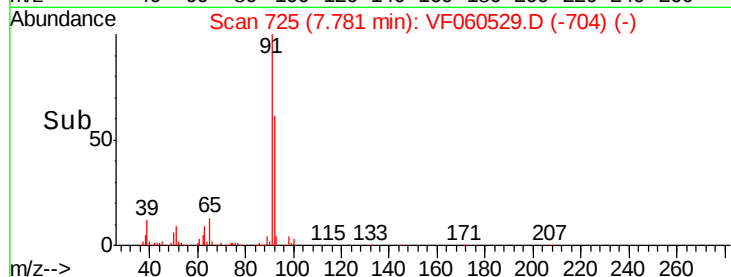
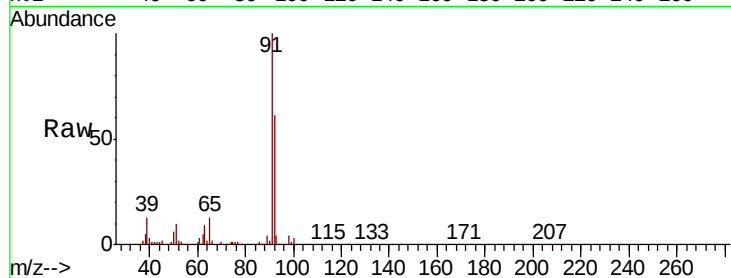
91 164.4 143.8 215.8

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#62

4-Bromofluorobenzene

Concen: 34.187 ug/l

RT: 11.52 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VF060529.D

Acq: 26 Oct 2018 21:17

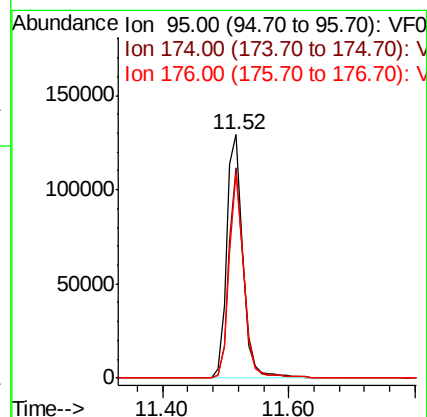
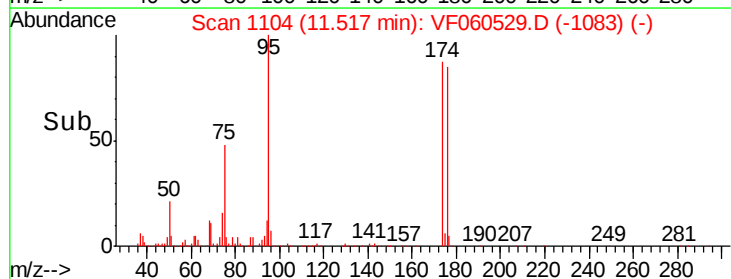
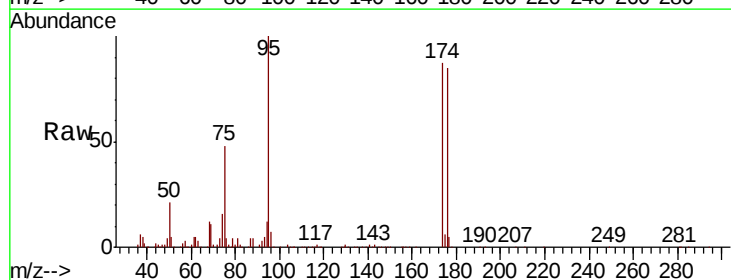
Tgt Ion: 95 Resp: 232169

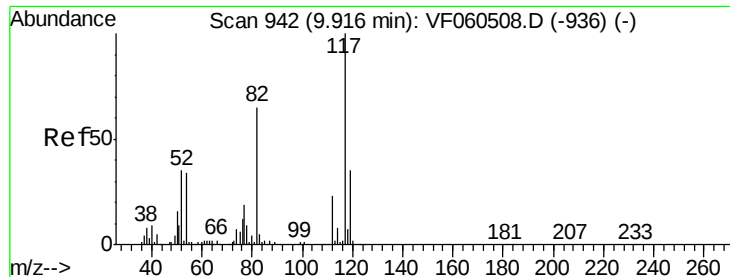
Ion Ratio Lower Upper

95 100

174 86.6 0.0 164.2

176 84.5 0.0 158.4





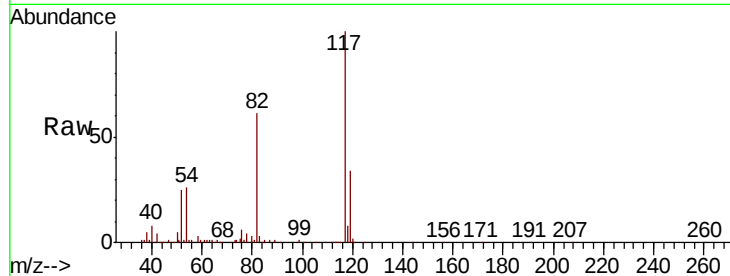
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060529.D
Acq: 26 Oct 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :
SU-01-102518-B

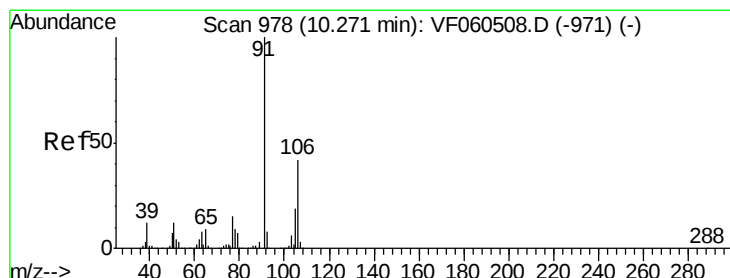
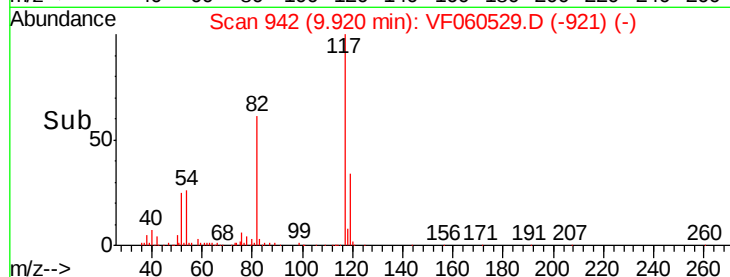
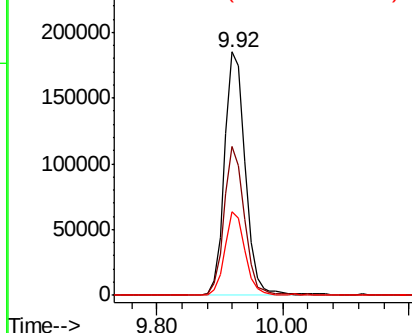
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	51.7	77.5
119	34.1	28.3	42.5

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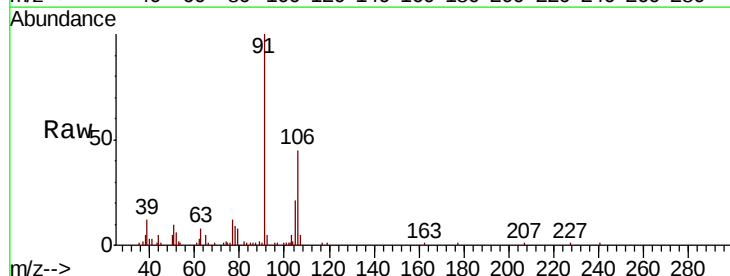


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

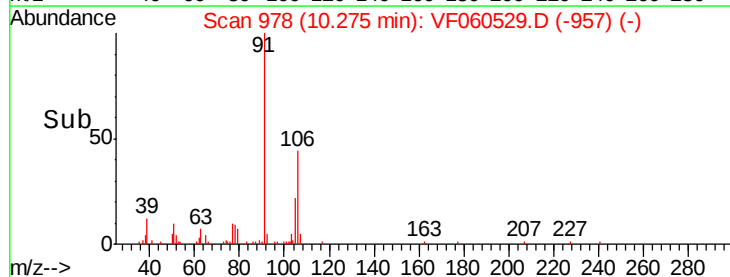
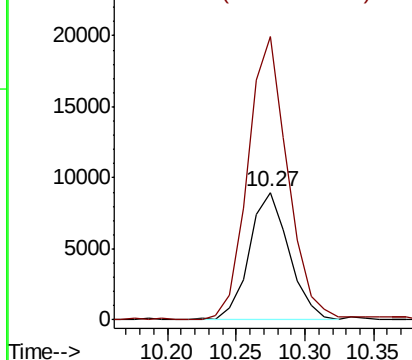


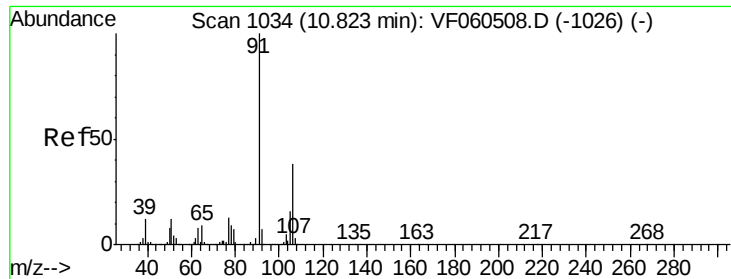
#68
m/p-Xylenes
Concen: 3.162 ug/l
RT: 10.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: VF060529.D
Acq: 26 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
106	100		
91	221.9	192.5	288.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0





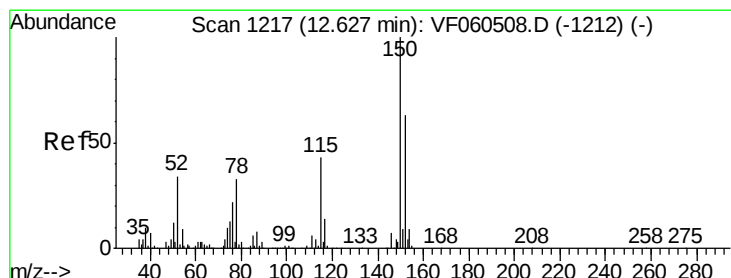
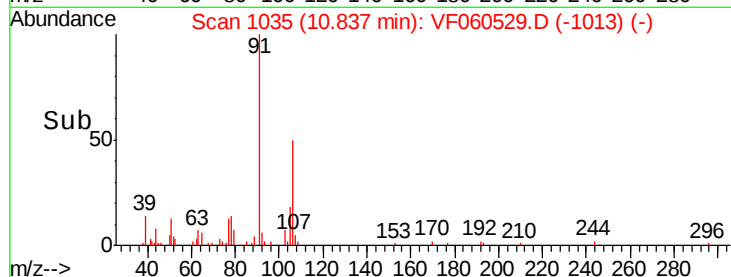
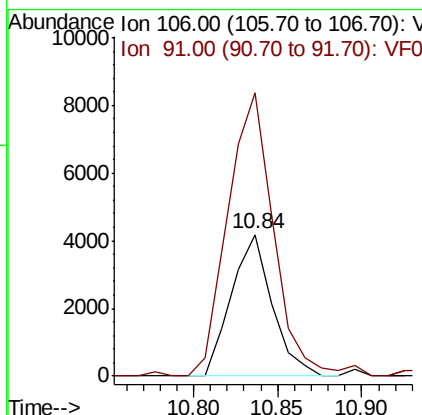
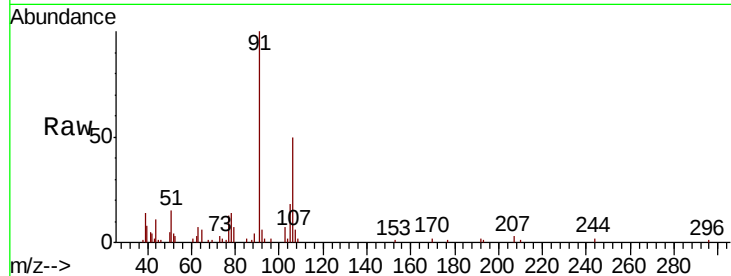
#69
o-Xylene
Concen: 1.094 ug/l
RT: 10.84 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VF060529.D
Acq: 26 Oct 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :
SU-01-102518-B

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.6	130.9	392.7

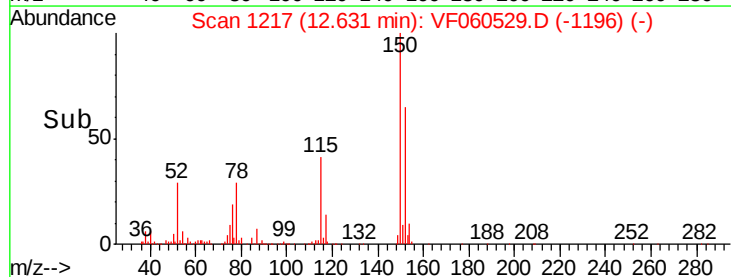
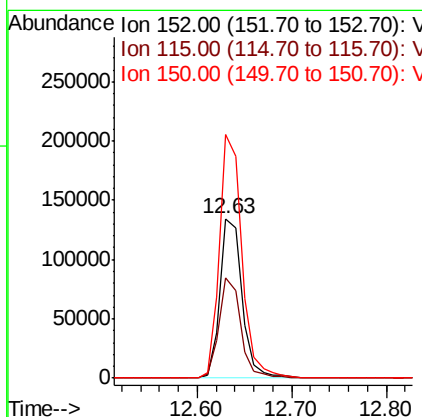
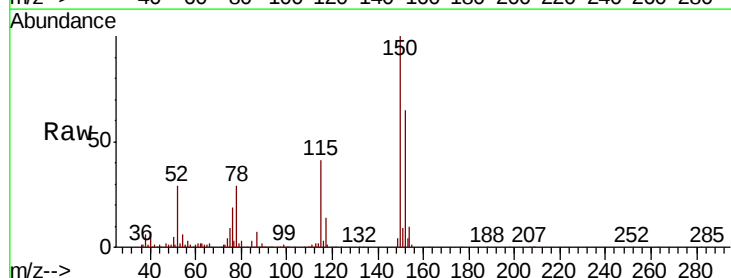
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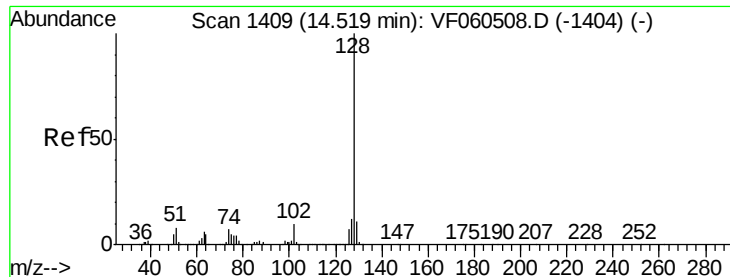
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060529.D
Acq: 26 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	34.6	103.9
150	152.9	0.0	319.8





#95
Naphthalene
Concen: 4.715 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF060529.D
Acq: 26 Oct 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :
SU-01-102518-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.0	15.0
129	11.7	8.9	13.3

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