

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
 Data File : VF060548.D
 Acq On : 30 Oct 2018 16:48
 Operator : VA/AP
 Sample : J5711-05
 Misc : 5.93/5mL/MSVOA_F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-6

Manual Integrations
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apatel
 10/31/2018 10:29:22 AM

Quant Time: Oct 31 05:28:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 30 05:31:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	173941	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	291199	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	209629	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	92338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	194064	72.33	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	144.66%	
35) Dibromofluoromethane	4.29	113	171134	61.24	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	122.48%	
50) Toluene-d8	7.70	98	297868	43.65	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.30%	
62) 4-Bromofluorobenzene	11.51	95	121263	38.57	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.14%	
Target Compounds						
16) Acetone	2.34	43	26819	44.05	ug/l	# 85
20) Methylene Chloride	2.27	84	14725m	7.49	ug/l	
51) 4-Methyl-2-Pentanone	8.41	43	12964	12.59	ug/l	# 83
59) 2-Hexanone	9.62	43	22428	30.03	ug/l	95
64) Tetrachloroethene	8.30	164	13982	7.89	ug/l	87
95) Naphthalene	14.52	128	171172	44.23	ug/l	98

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

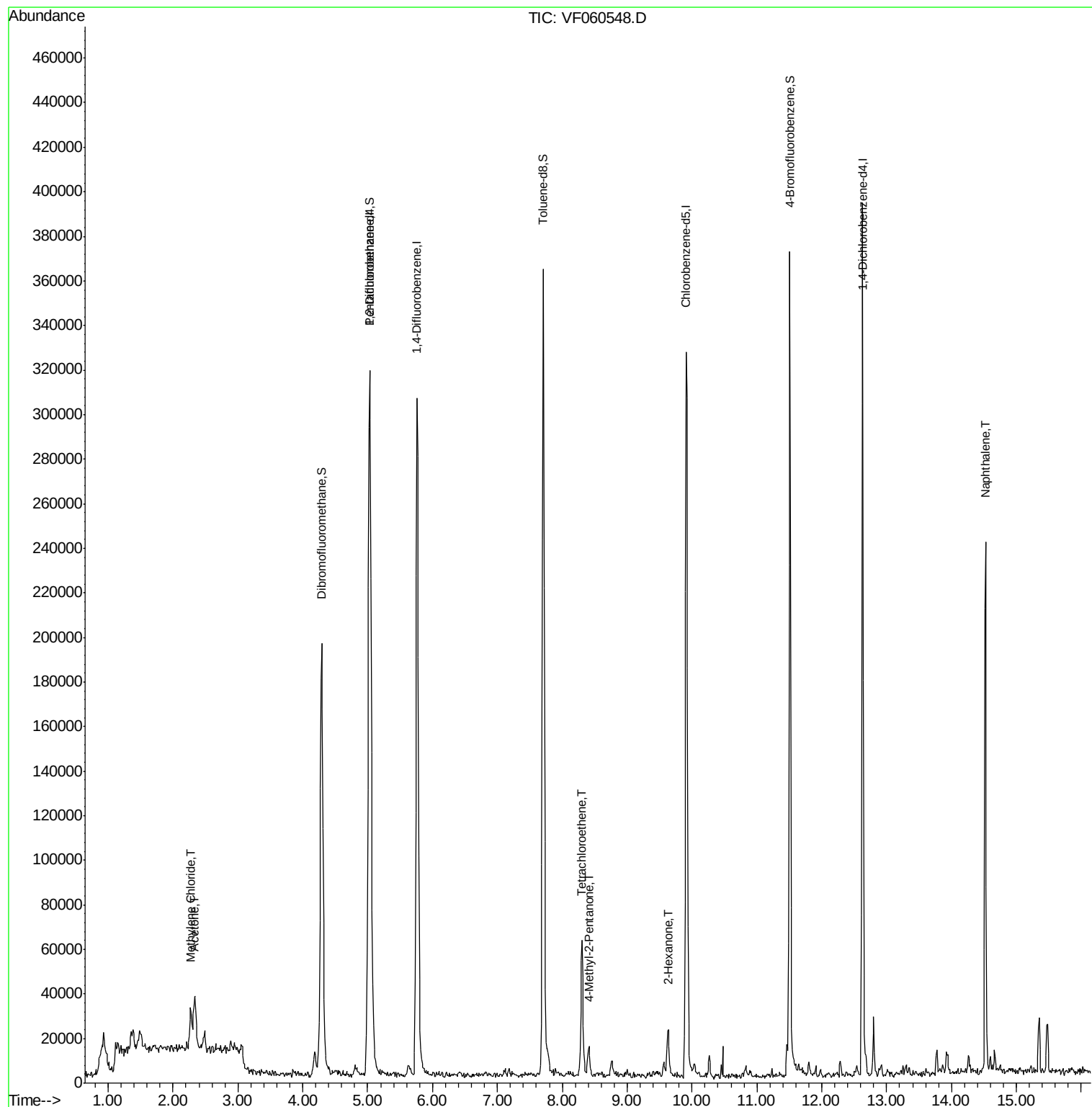
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060548.D
Acq On : 30 Oct 2018 16:48
Operator : VA/AP
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Misc : 5.93/5mL/MSVOA_F/SOIL
ALS Vial : 40 Sample Multiplier: 1

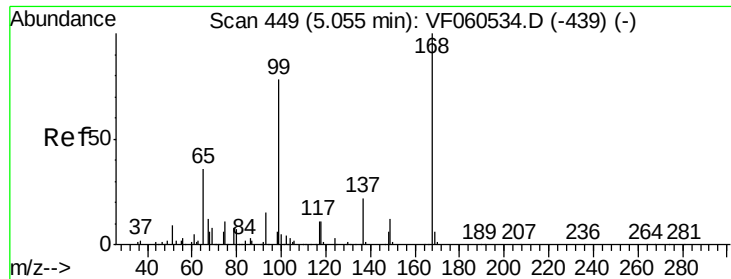
Instrument :
MSVOA_F
ClientSampleID :
SB-6

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Quant Time: Oct 31 05:28:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 30 05:31:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.01 min

Lab File: VF060548.D

Acq: 30 Oct 2018 16:48

Instrument :

MSVOA_F

ClientSampleId :

SB-6

Tgt Ion: 168 Resp: 173941

Ion Ratio Lower Upper

168 100

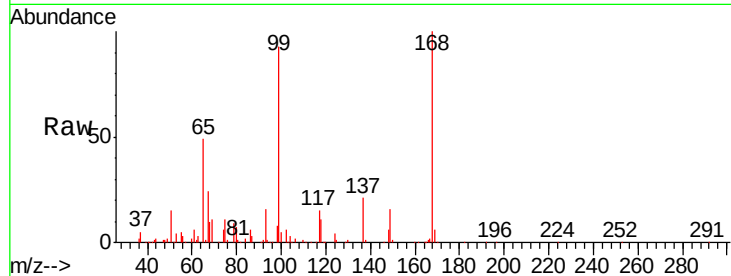
99 93.1 62.6 93.8

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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

60000

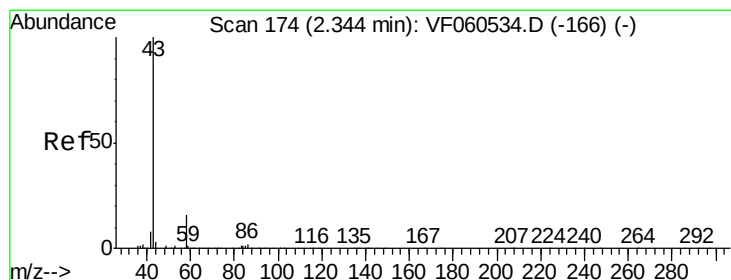
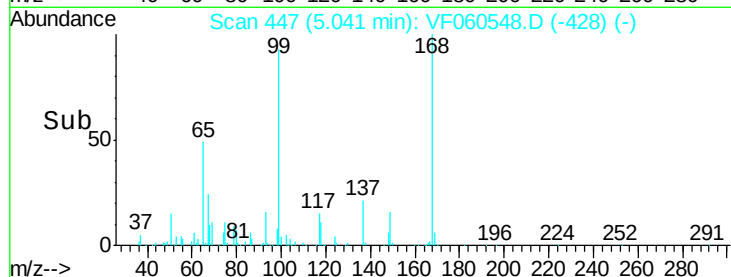
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 44.05 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.00 min

Lab File: VF060548.D

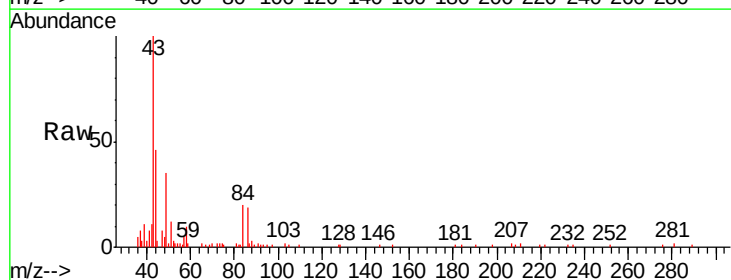
Acq: 30 Oct 2018 16:48

Tgt Ion: 43 Resp: 26819

Ion Ratio Lower Upper

43 100

58 9.7 12.8 19.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

12000

10000

8000

6000

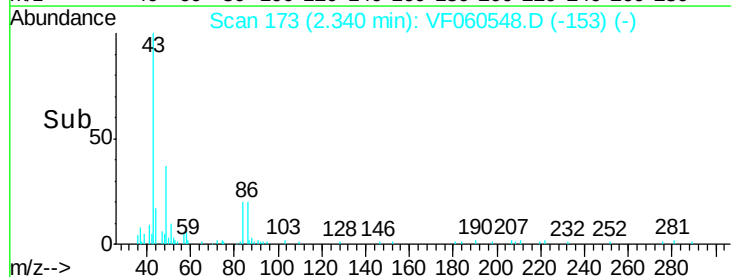
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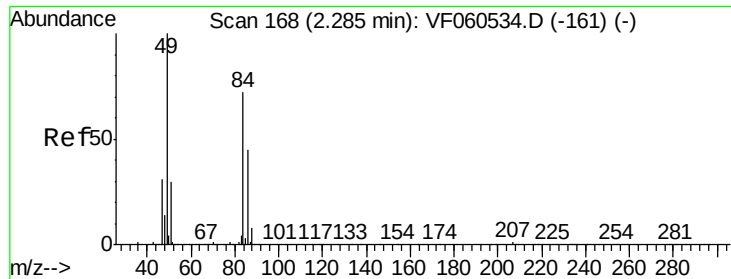
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0

Time-->

2.20 2.30 2.40





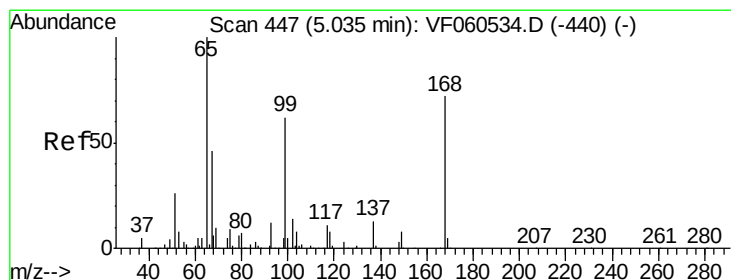
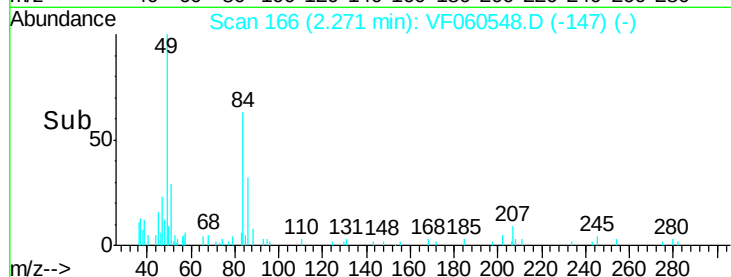
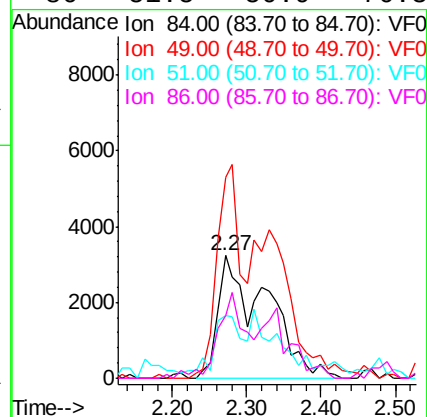
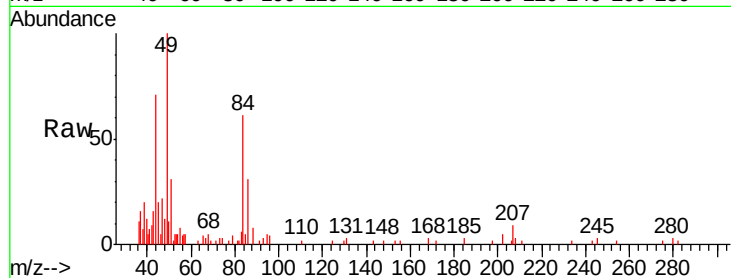
#20
Methylene Chloride
Concen: 7.49 ug/l m
RT: 2.27 min Scan# 166
Delta R.T. -0.01 min
Lab File: VF060548.D
Acq: 30 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampled :
SB-6

Tgt Ion	Ratio	Lower	Upper
84	100		
49	164.2	115.4	173.0
51	51.5	35.4	53.2
86	51.5	50.9	76.3

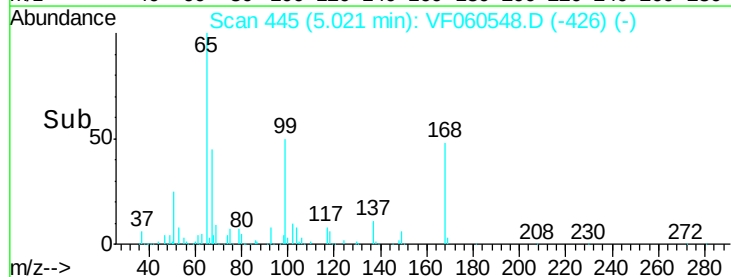
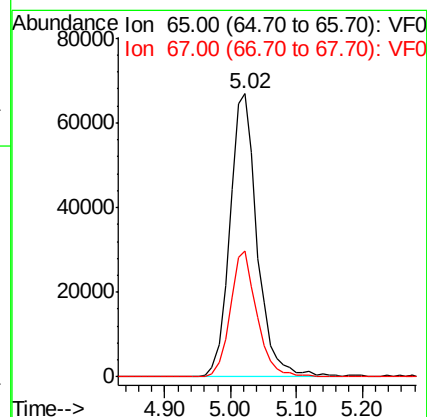
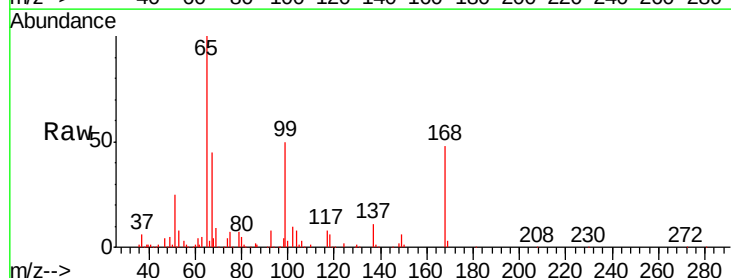
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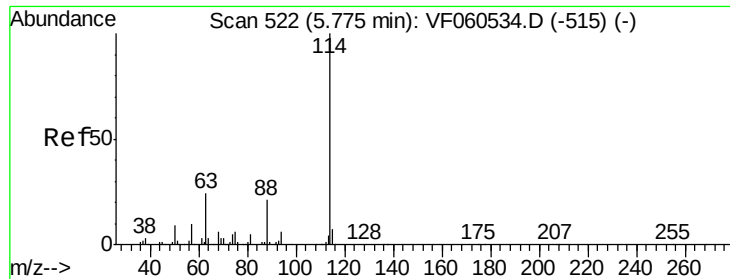
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#33
1,2-Dichloroethane-d4
Concen: 72.33 ug/l
RT: 5.02 min Scan# 445
Delta R.T. -0.01 min
Lab File: VF060548.D
Acq: 30 Oct 2018 16:48

Tgt Ion	Ratio	Lower	Upper
65	100		
67	44.5	0.0	94.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 521

Delta R.T. -0.00 min

Lab File: VF060548.D

Acq: 30 Oct 2018 16:48

Instrument :

MSVOA_F

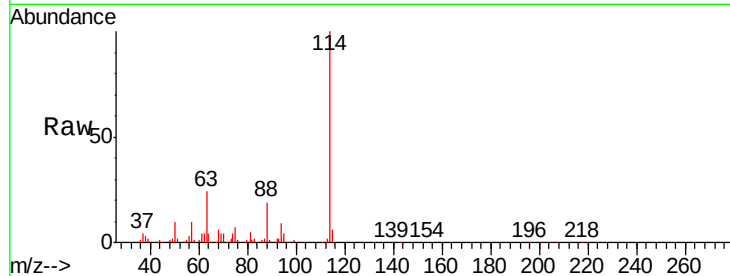
ClientSampled :

SB-6

Tgt	Ion	Ratio	Resp	Lower	Upper
114	100		291199		
63	24.3	0.0	48.0		
88	19.0	0.0	42.0		

Manual Integrations
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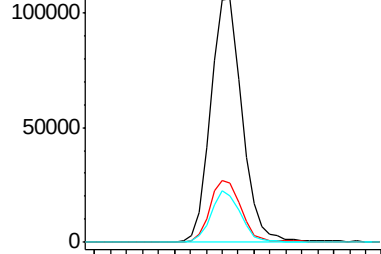
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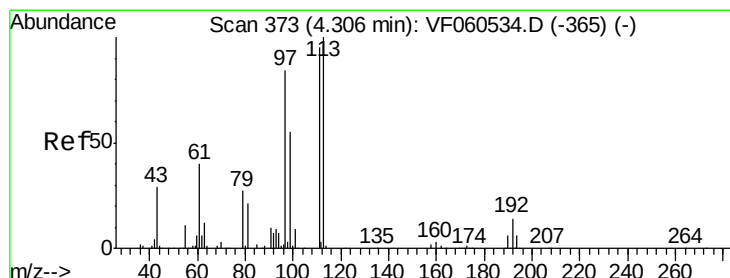
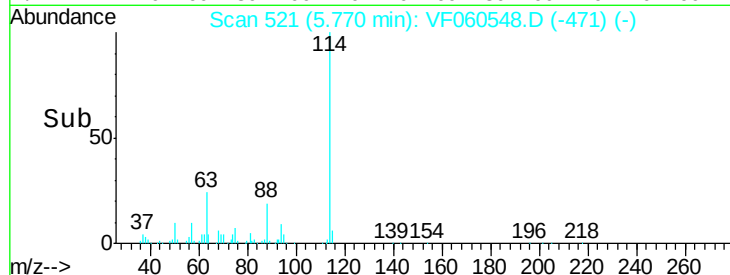
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



Time-->



#35

Dibromofluoromethane

Concen: 61.24 ug/l

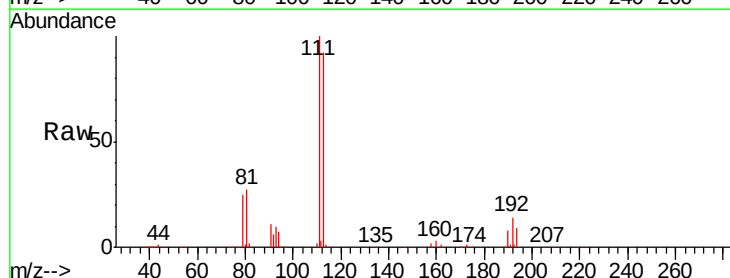
RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF060548.D

Acq: 30 Oct 2018 16:48

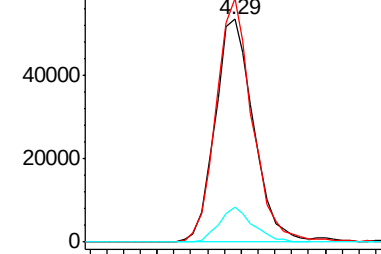
Tgt	Ion	Ratio	Resp	Lower	Upper
113	100		171134		
111	109.2	75.9	113.9		
192	15.9	11.2	16.8		



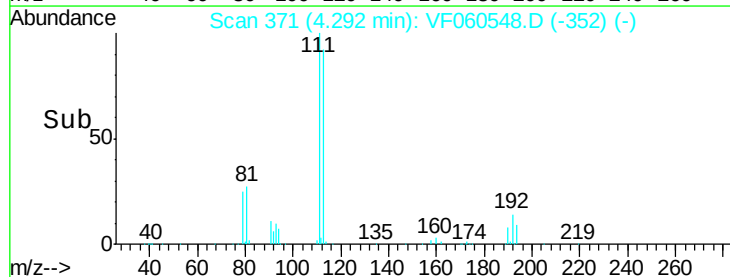
Abundance Ion 113.00 (112.70 to 113.70): V

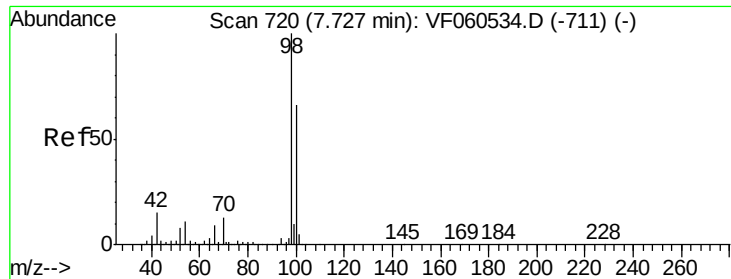
Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



Time-->





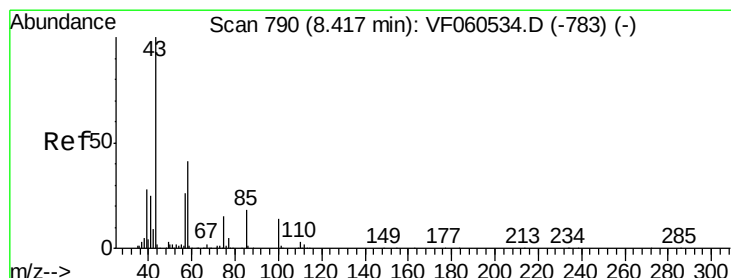
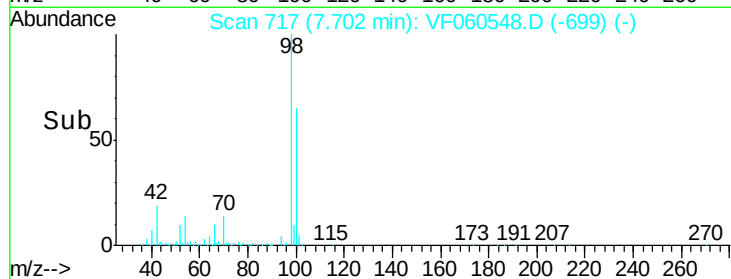
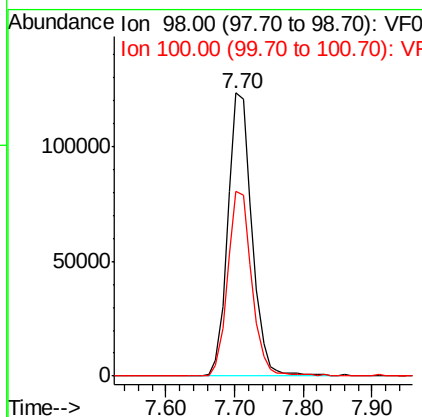
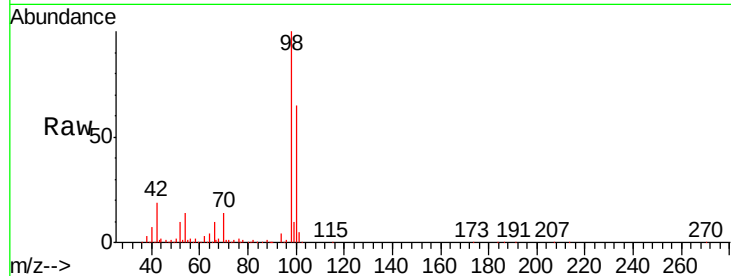
#50
Toluene-d8
Concen: 43.65 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.02 min
Lab File: VF060548.D
Acq: 30 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampled :
SB-6

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.6

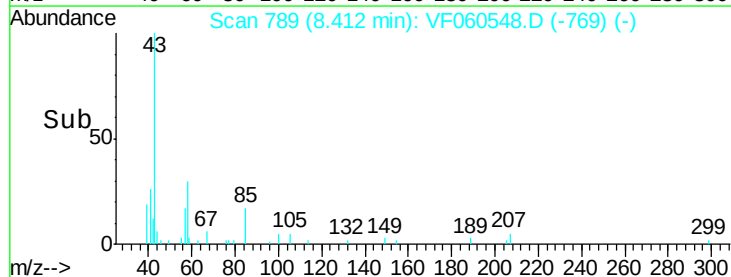
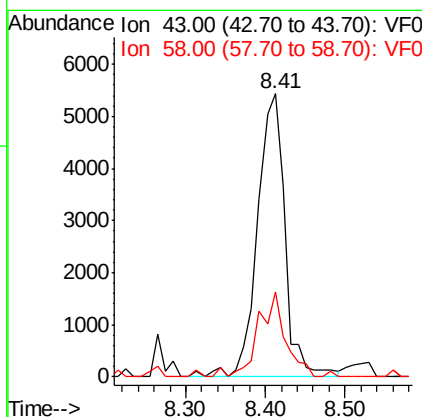
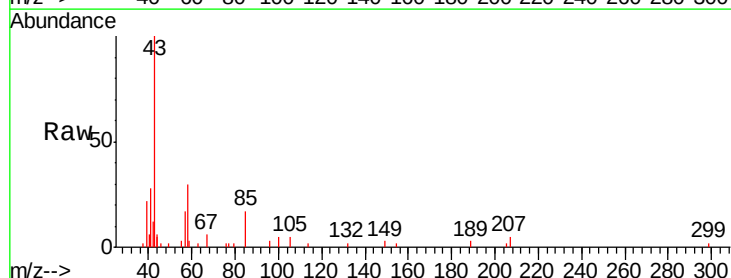
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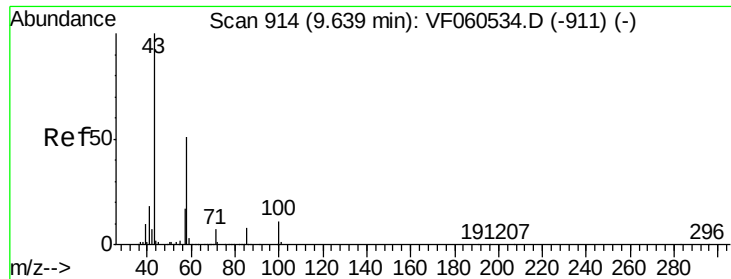
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#51
4-Methyl-2-Pentanone
Concen: 12.59 ug/l
RT: 8.41 min Scan# 789
Delta R.T. -0.00 min
Lab File: VF060548.D
Acq: 30 Oct 2018 16:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	32.6	49.0#





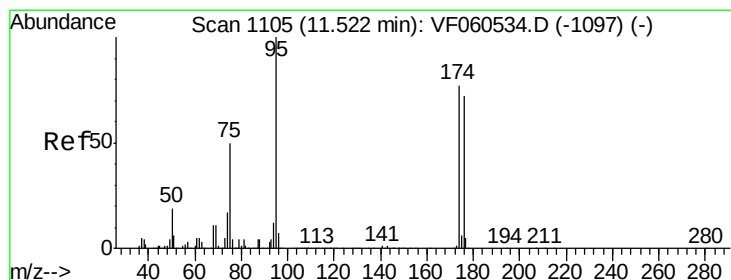
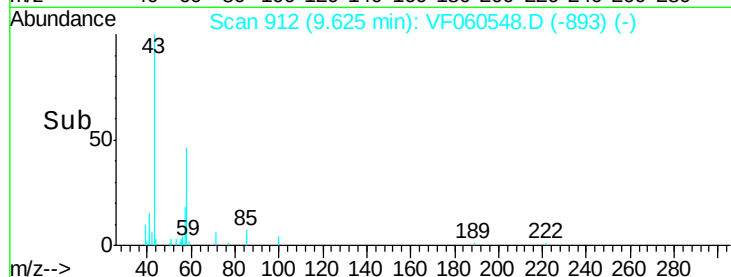
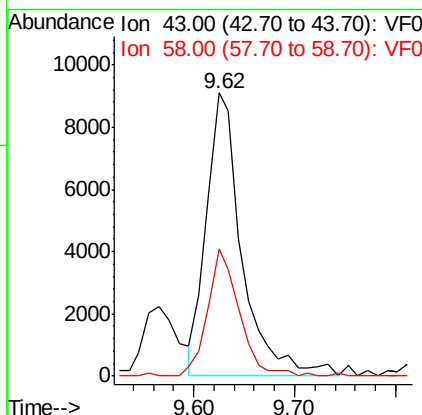
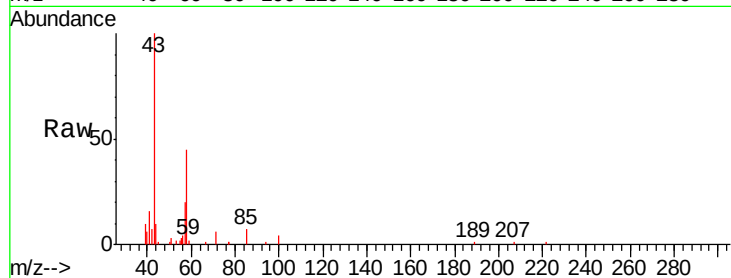
#59
2-Hexanone
Concen: 30.03 ug/l
RT: 9.62 min Scan# 912
Delta R.T. -0.01 min
Lab File: VF060548.D
Acq: 30 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampled :
SB-6

Tgt Ion: 43 Resp: 22428
Ion Ratio Lower Upper
43 100
58 44.9 24.1 72.3

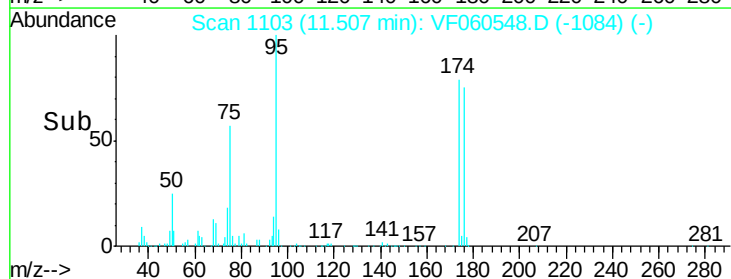
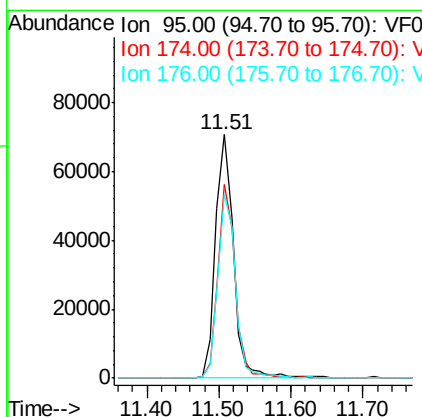
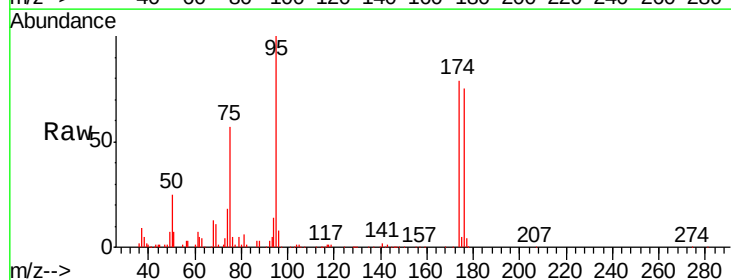
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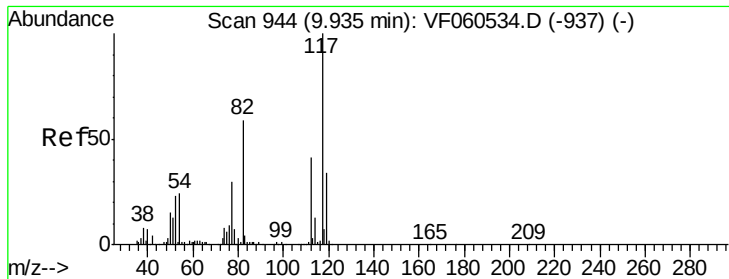
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#62
4-Bromofluorobenzene
Concen: 38.57 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. -0.01 min
Lab File: VF060548.D
Acq: 30 Oct 2018 16:48

Tgt Ion: 95 Resp: 121263
Ion Ratio Lower Upper
95 100
174 79.4 0.0 153.8
176 75.5 0.0 143.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 941

Delta R.T. -0.02 min

Lab File: VF060548.D

Acq: 30 Oct 2018 16:48

Instrument :

MSVOA_F

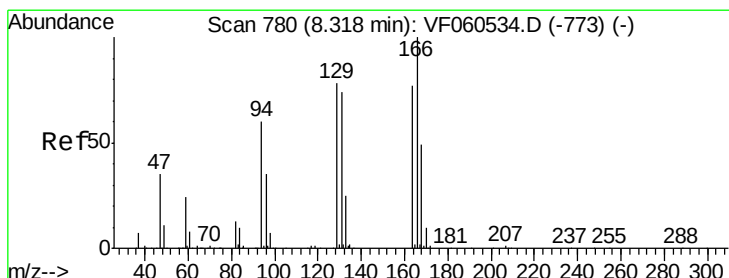
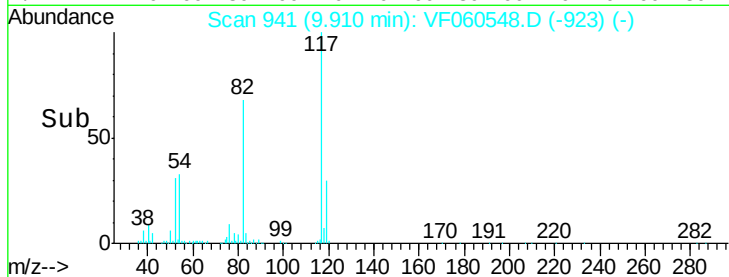
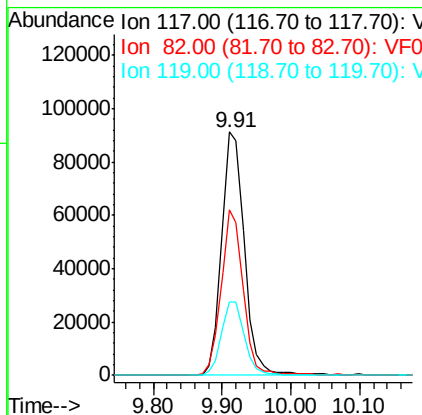
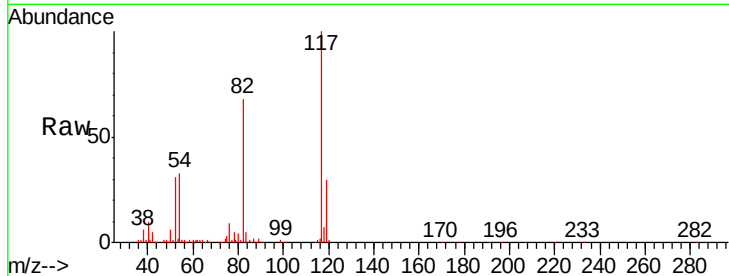
ClientSampleId :

SB-6

Tgt Ion:	117	Resp:	209629
Ion Ratio		Lower	Upper
117	100		
82	68.1	47.6	71.4
119	30.3	27.3	40.9

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#64

Tetrachloroethene

Concen: 7.89 ug/l

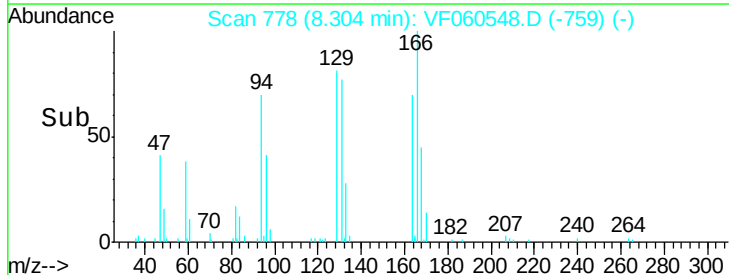
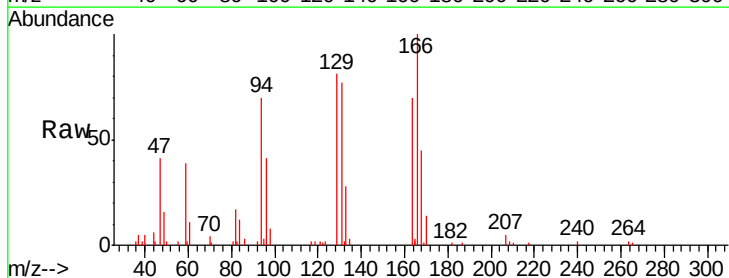
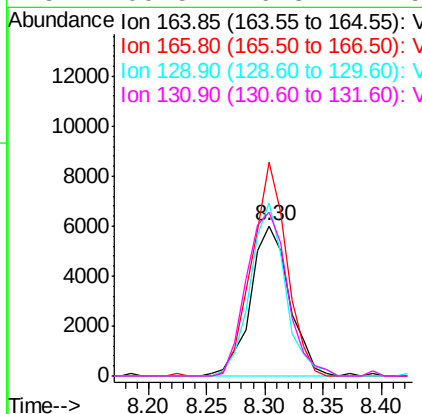
RT: 8.30 min Scan# 778

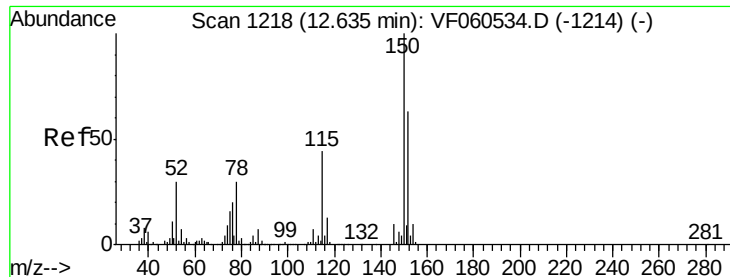
Delta R.T. -0.01 min

Lab File: VF060548.D

Acq: 30 Oct 2018 16:48

Tgt Ion:	164	Resp:	13982
Ion Ratio		Lower	Upper
164	100		
166	142.6	103.4	155.2
129	115.4	80.7	121.1
131	109.5	76.3	114.5





#72

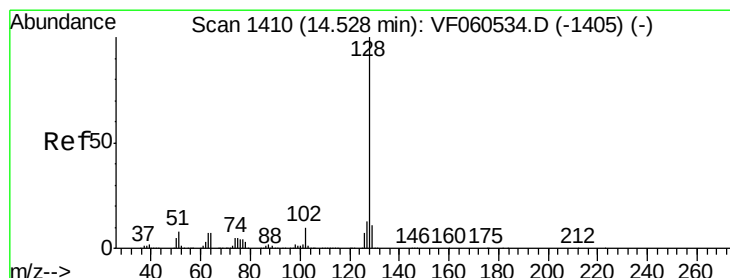
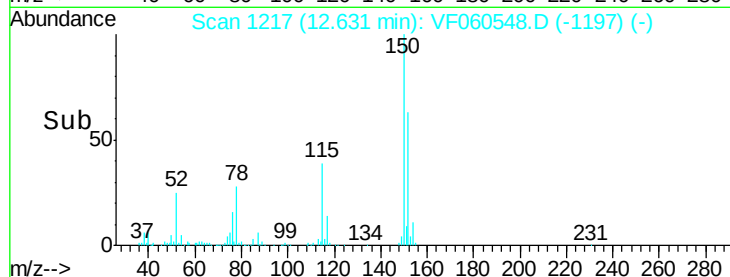
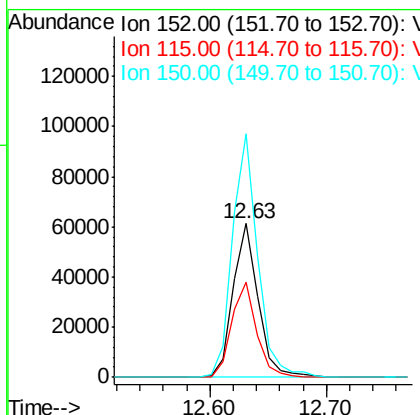
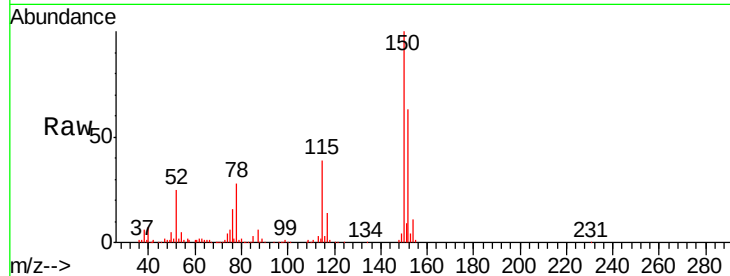
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060548.D
Acq: 30 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampled :
SB-6

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	34.7	104.1
150	158.3	0.0	318.4

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#95

Naphthalene
Concen: 44.23 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VF060548.D
Acq: 30 Oct 2018 16:48

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.1	15.1
129	10.6	8.7	13.1

