

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102918\
 Data File : VD060232.D
 Acq On : 29 Oct 2018 16:41
 Operator : VA/AP
 Sample : J5703-02
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-02-BASE

Manual Integrations
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Quant Time: Oct 29 17:14:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1396361	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.46	114	2109257	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.29	117	1515109	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	473789	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	732181	69.17	ug/l	0.04
Spiked Amount 50.000			Recovery	=	138.34%	
35) Dibromofluoromethane	6.34	113	904343	56.46	ug/l	0.05
Spiked Amount 50.000			Recovery	=	112.92%	
50) Toluene-d8	9.47	98	2175148	47.62	ug/l	0.04
Spiked Amount 50.000			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.44	95	711175m	41.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.18%	

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

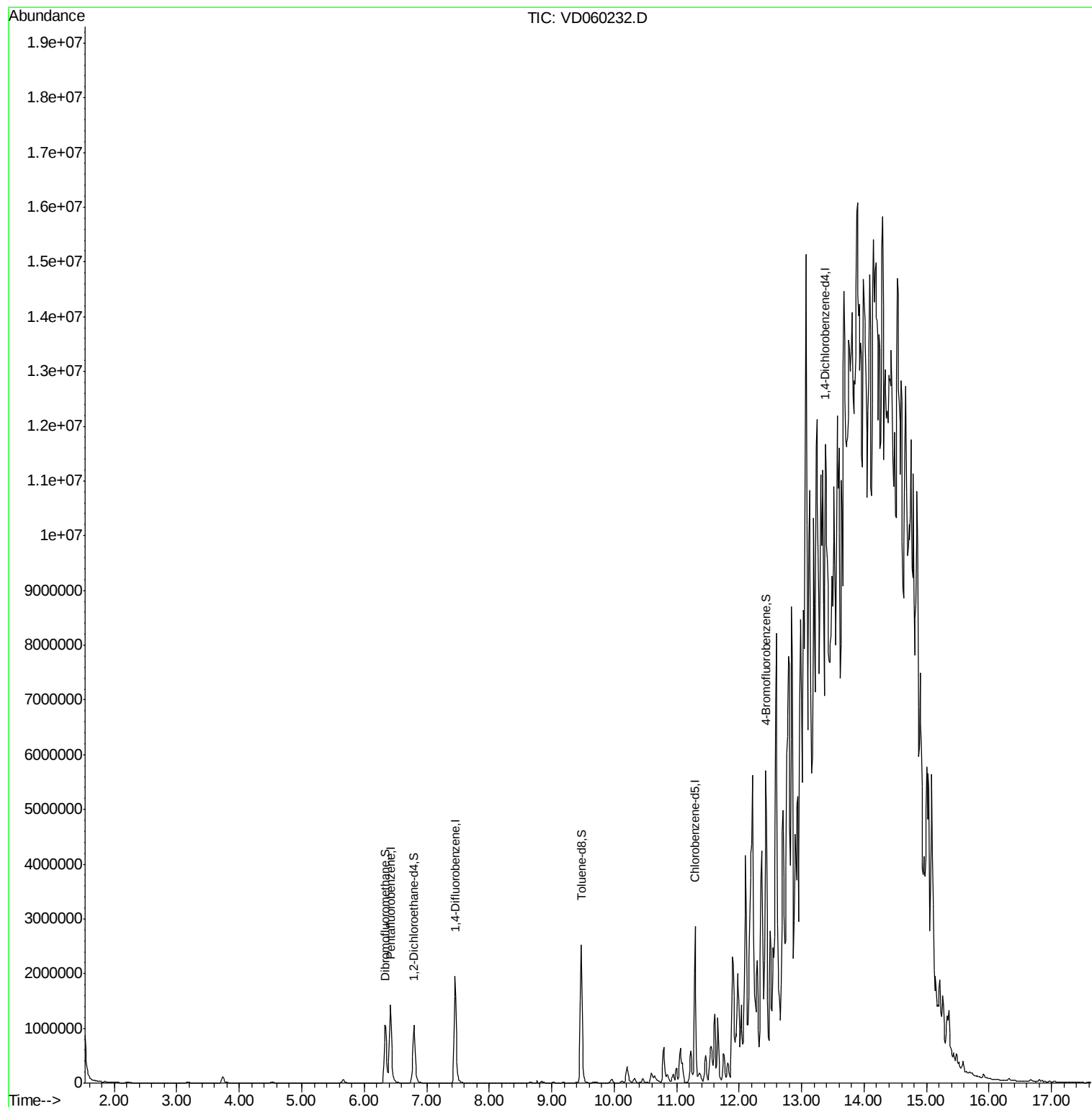
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102918\
Data File : VD060232.D
Acq On : 29 Oct 2018 16:41
Operator : VA/AP
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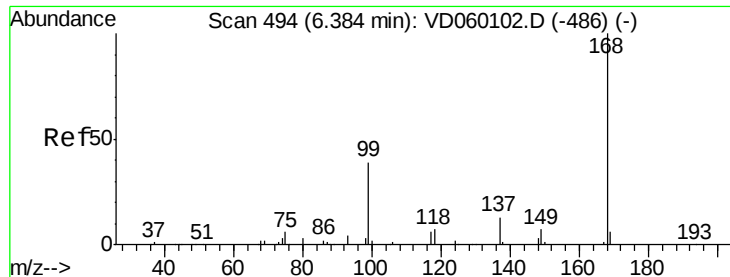
Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

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Quant Time: Oct 29 17:14:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. 0.04 min

Lab File: VD060232.D

Acq: 29 Oct 2018 16:41

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-02-BASE

Tot Ion:168 Resp: 1396361

Ion Ratio Lower Upper

168 100

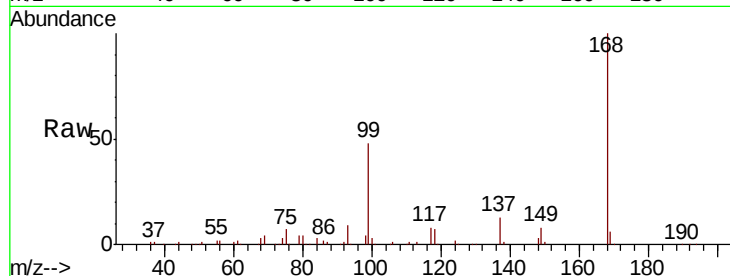
99 47.5 35.4 53.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

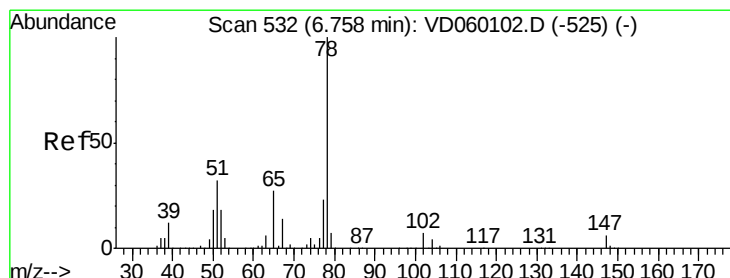
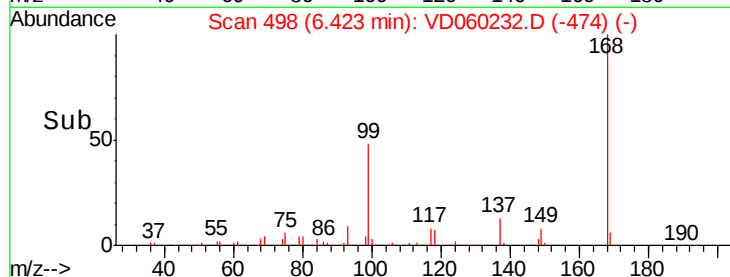
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.04 min

Lab File: VD060232.D

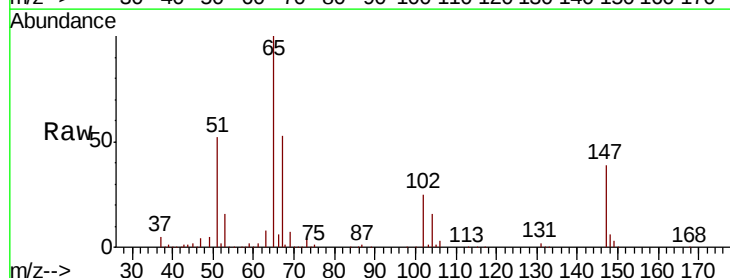
Acq: 29 Oct 2018 16:41

Tgt Ion: 65 Resp: 732181

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.80

300000

250000

200000

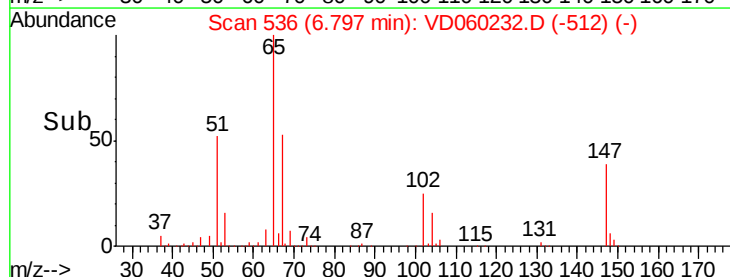
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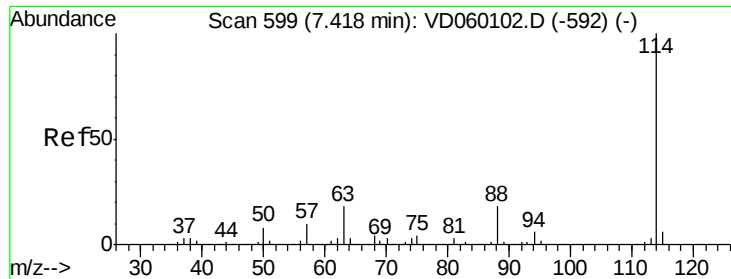
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Time-->





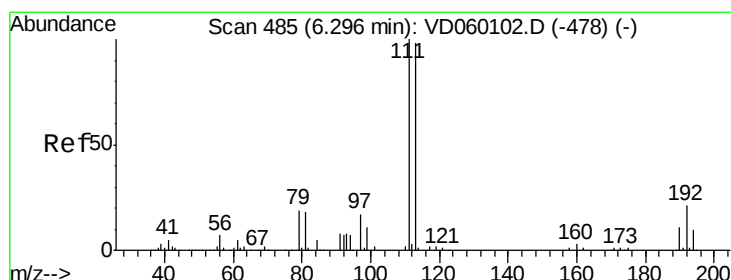
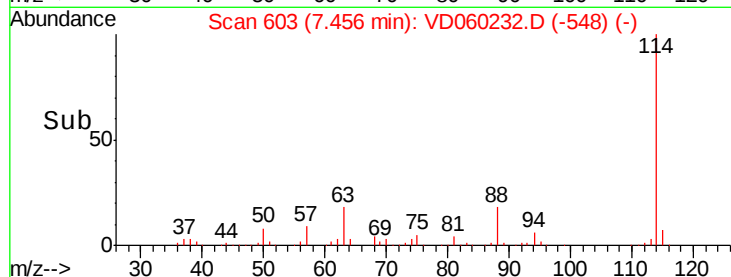
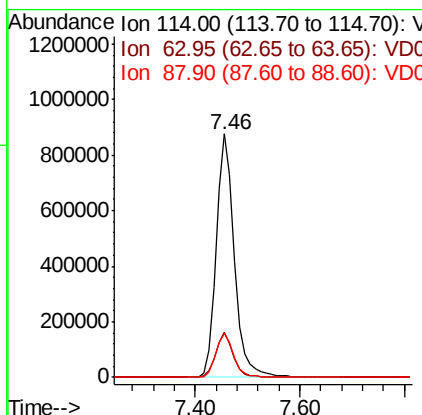
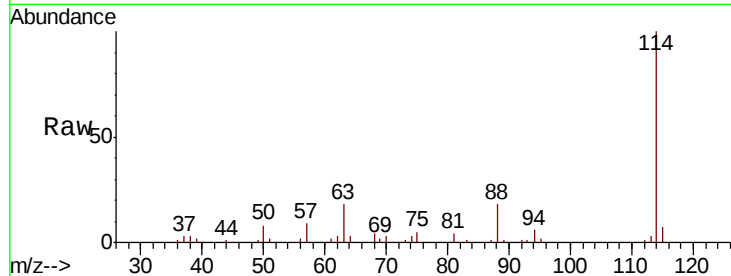
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.04 min
 Lab File: VD060232.D
 Acq: 29 Oct 2018 16:41

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-02-BASE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.0
88	18.0	0.0	36.2

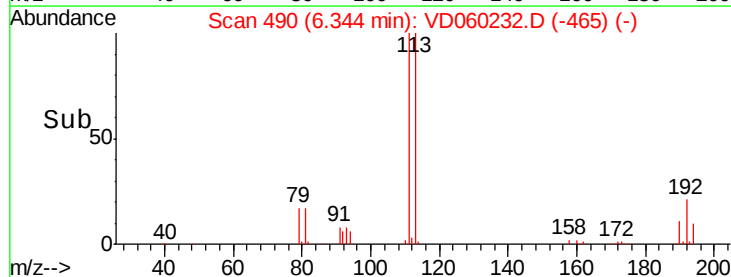
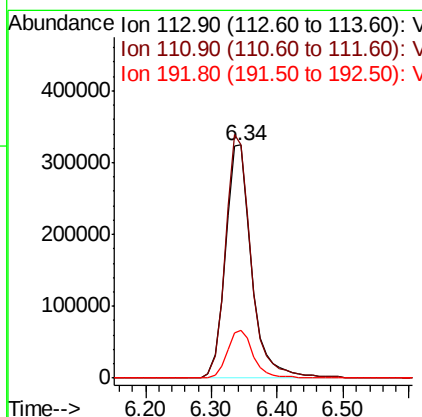
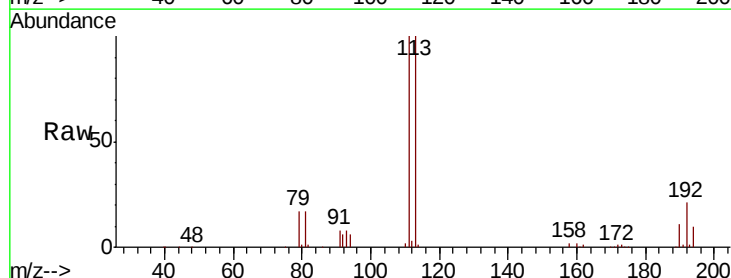
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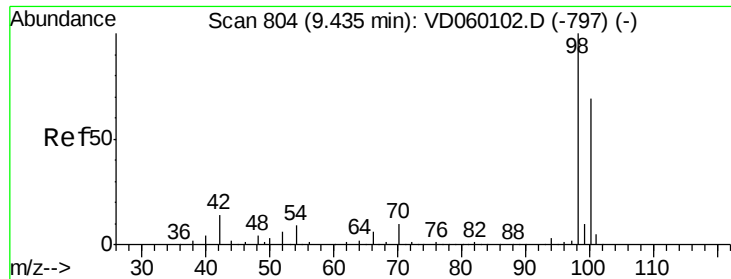
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 490
 Delta R.T. 0.05 min
 Lab File: VD060232.D
 Acq: 29 Oct 2018 16:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.5	122.3
192	20.7	17.4	26.0





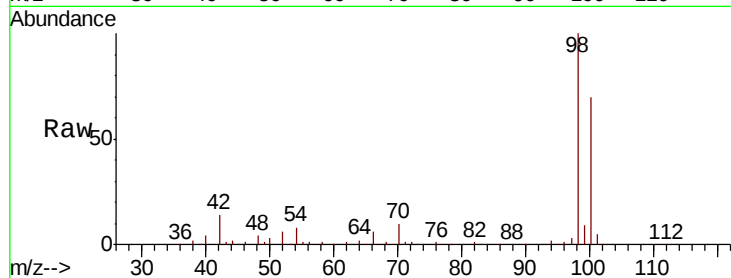
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

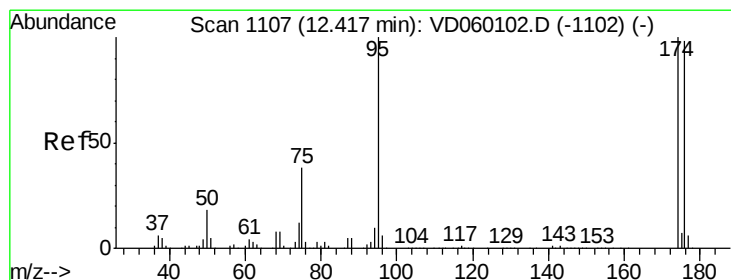
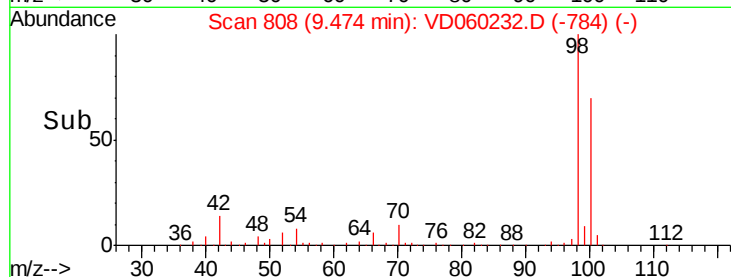
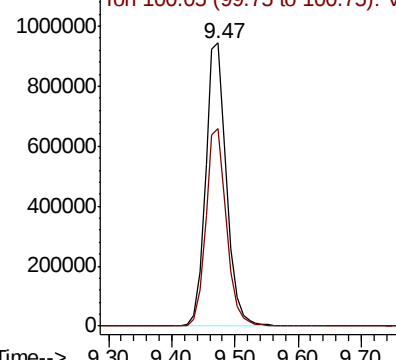
Tot Ion: 98 Resp: 2175148
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.0

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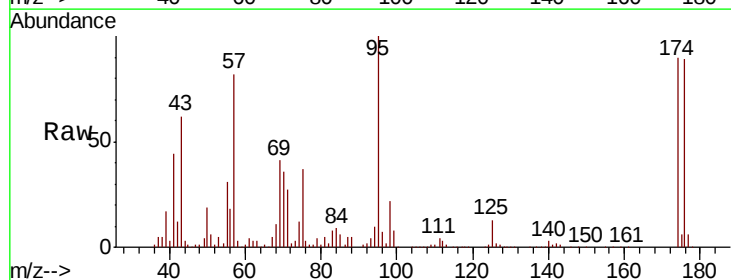


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

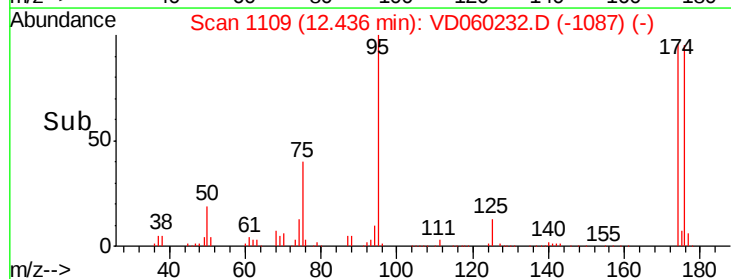
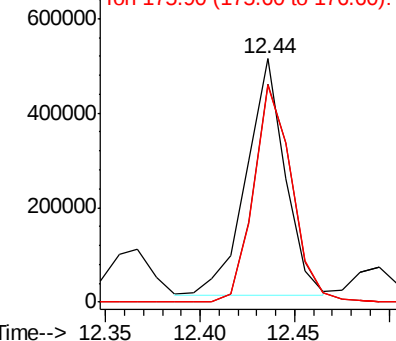


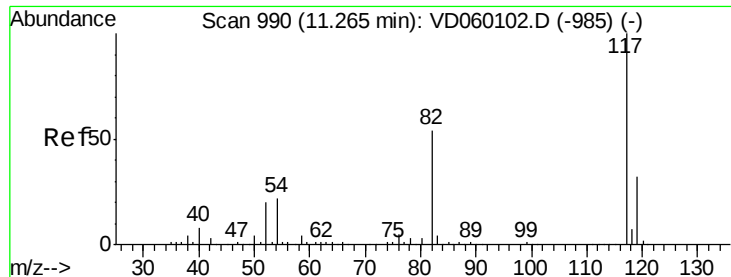
#62
4-Bromofluorobenzene
Concen: N.D. ug/l m
RT: 12.44 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 95 Resp: 711175
Ion Ratio Lower Upper
95 100
174 89.8 0.0 200.2
176 89.0 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC





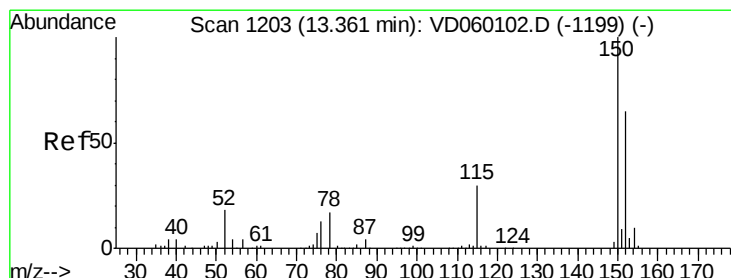
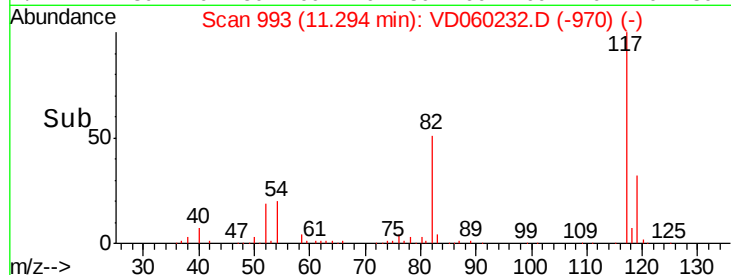
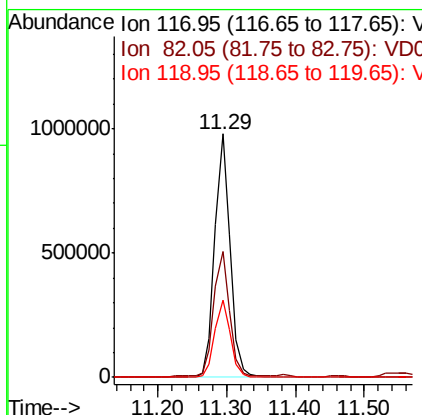
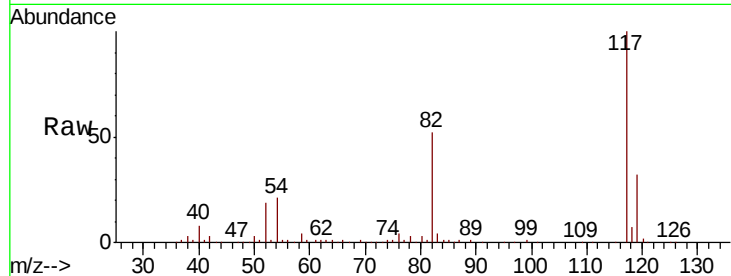
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
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ClientSampleId :
TRENCH-02-BASE

Tot Ion:117 Resp: 1515109
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.2
119 32.0 26.0 39.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion:152 Resp: 473789
Ion Ratio Lower Upper
152 100
115 61.0 27.1 81.2
150 149.3 0.0 311.8

