

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059409.D
 Acq On : 25 Jun 2018 20:02
 Operator : VA/AP
 Sample : J3664-04RE
 Misc : 6.43g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB482-17-19-180619RE

Manual Integrations
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Quant Time: Jun 28 16:41:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	653615	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	801109	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	610922	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	320187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	264622	39.59	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	79.18%	
35) Dibromofluoromethane	5.54	113	246252	37.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.48%	
50) Toluene-d8	8.70	98	570349	37.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.78%	
62) 4-Bromofluorobenzene	11.92	95	252329	39.77	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.54%	
Target Compounds						
16) Acetone	2.60	43	123080	145.90	ug/l	97
20) Methylene Chloride	3.06	84	17976	5.46	ug/l	87
25) 2-Butanone	4.82	43	59593m	33.72	ug/l	
40) Benzene	6.00	78	130216	7.47	ug/l	96
52) Toluene	8.79	92	14033	1.35	ug/l	87
65) Chlorobenzene	10.72	112	30540	2.73	ug/l	93

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

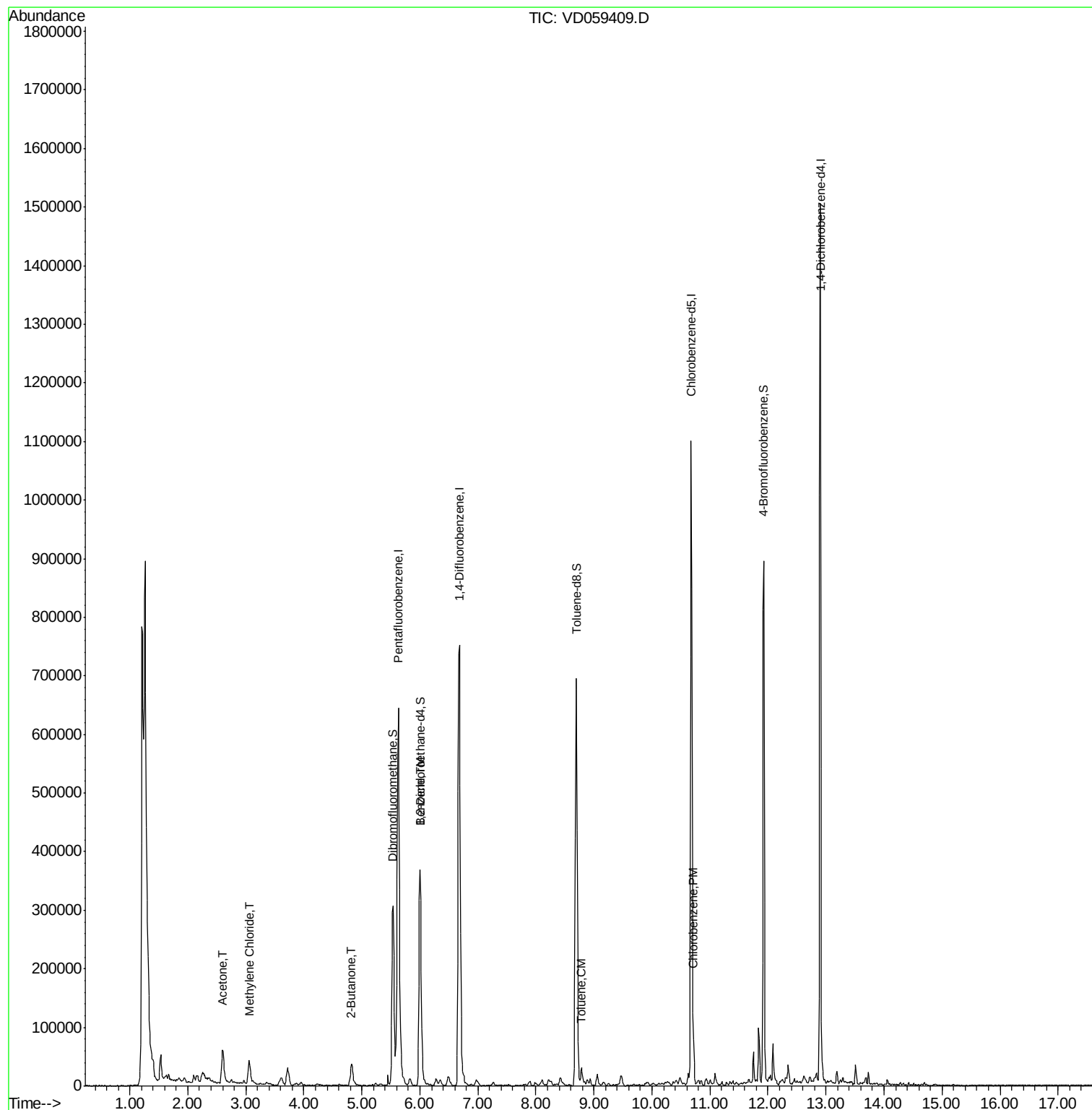
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062518\
Data File : VD059409.D
Acq On : 25 Jun 2018 20:02
Operator : VA/AP
Sample : J3664-04RE
Misc : 6.43g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

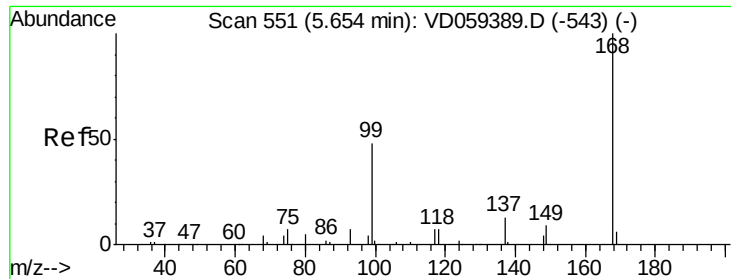
Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

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Quant Time: Jun 28 16:41:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.03 min

Lab File: VD059409.D

Acq: 25 Jun 2018 20:02

Instrument :

MSVOA_D

ClientSampleId :

WP021SB482-17-19-180619RE

Tot Ion:168 Resp: 653615

Ion Ratio Lower Upper

168 100

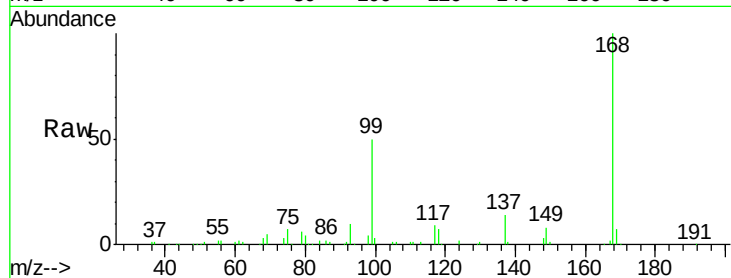
99 50.3 41.0 61.6

Manual Integrations

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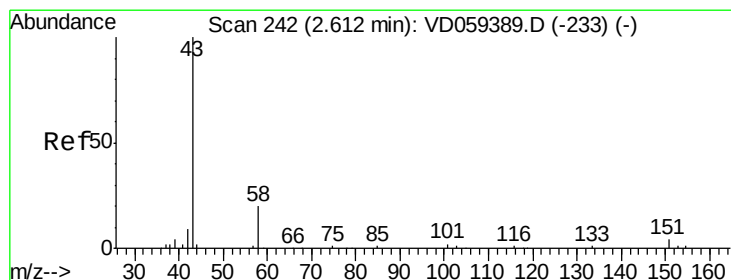
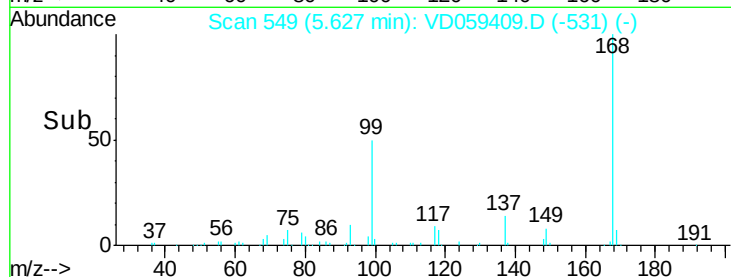
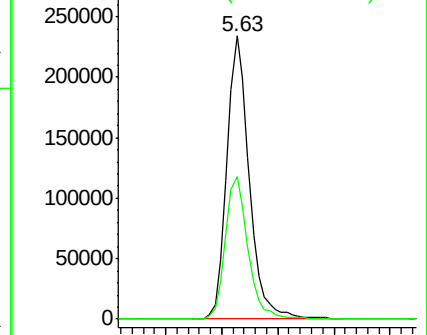
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 145.90 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD059409.D

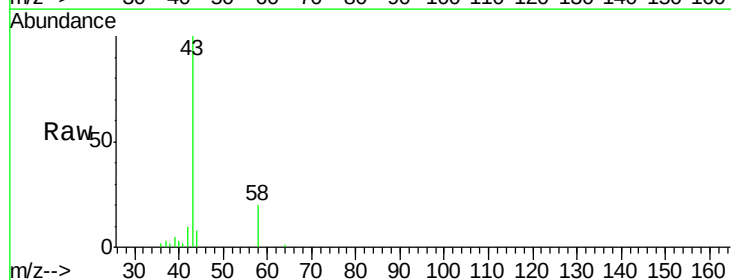
Acq: 25 Jun 2018 20:02

Tgt Ion: 43 Resp: 123080

Ion Ratio Lower Upper

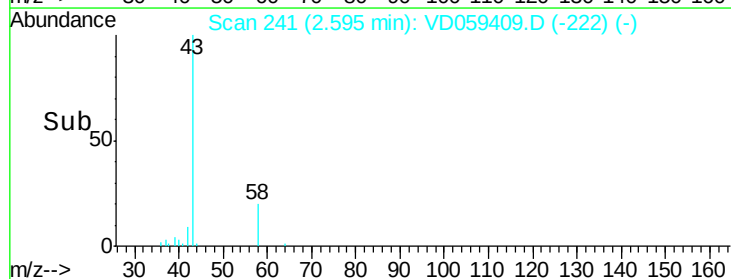
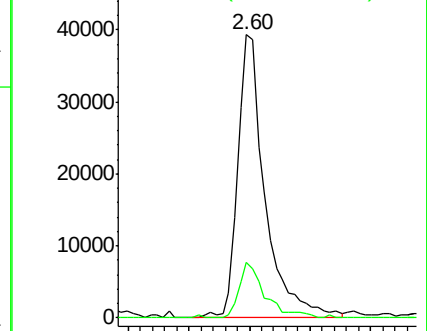
43 100

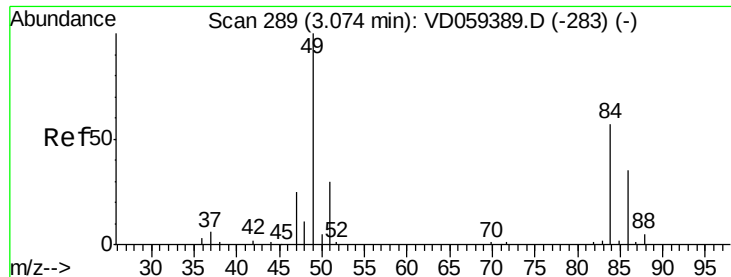
58 19.6 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





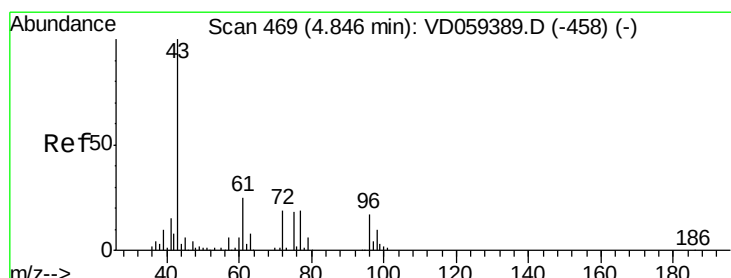
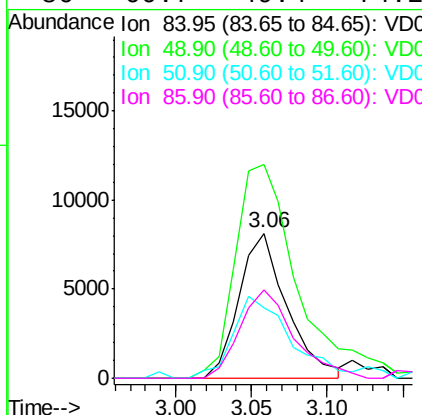
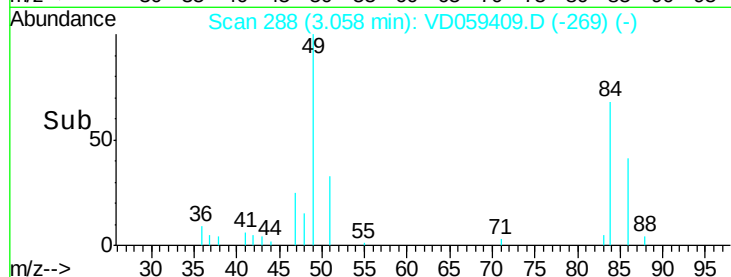
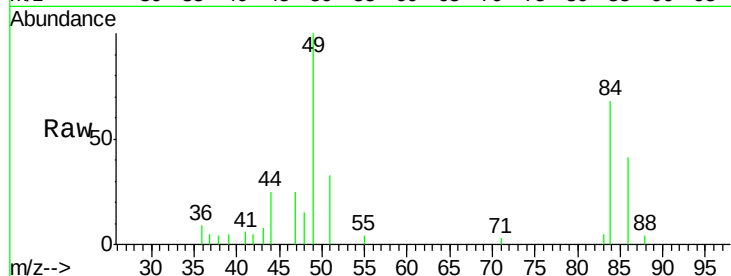
#20
Methvlene Chloride
Concen: 5.46 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tot Ion:	84	Resp:	17976
Ion	Ratio	Lower	Upper
84	100		
49	147.2	140.3	210.5
51	48.7	41.6	62.4
86	60.7	49.4	74.2

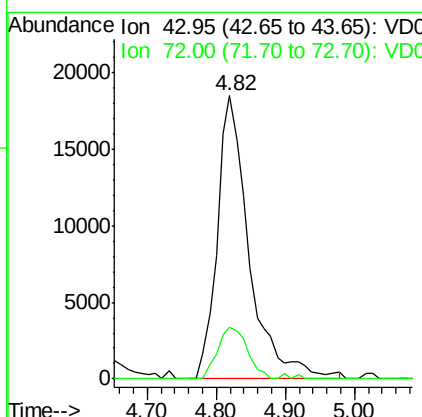
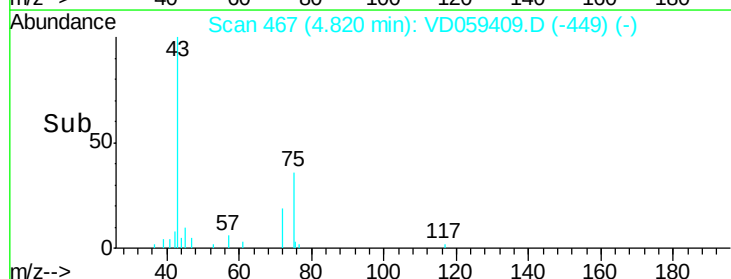
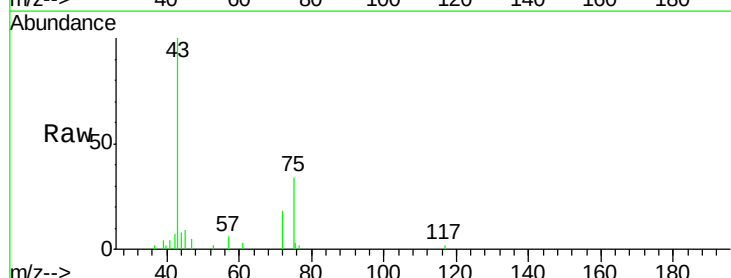
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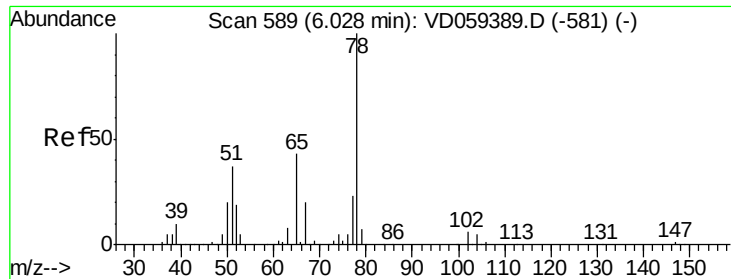
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#25
2-Butanone
Concen: 33.72 ug/l m
RT: 4.82 min Scan# 467
Delta R.T. -0.03 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion:	43	Resp:	59593
Ion	Ratio	Lower	Upper
43	100		
72	18.3	15.4	23.2





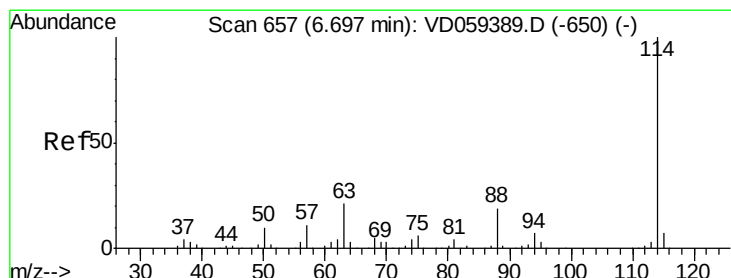
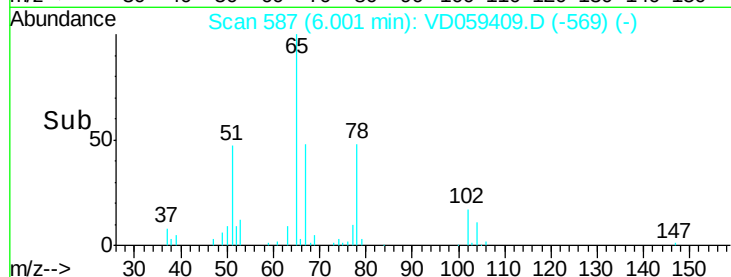
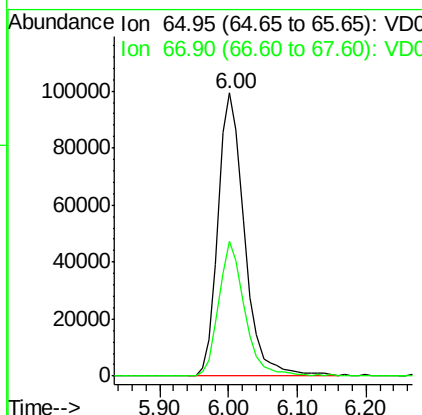
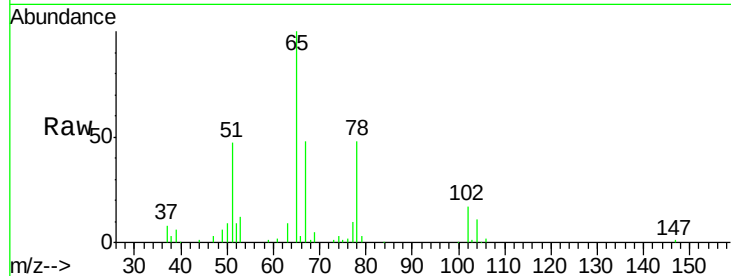
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: VD059409.D
 Acq: 25 Jun 2018 20:02

Instrument :
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 ClientSampleId :
 WP021SB482-17-19-180619RE

Tot Ion: 65 Resp: 264622
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 93.8

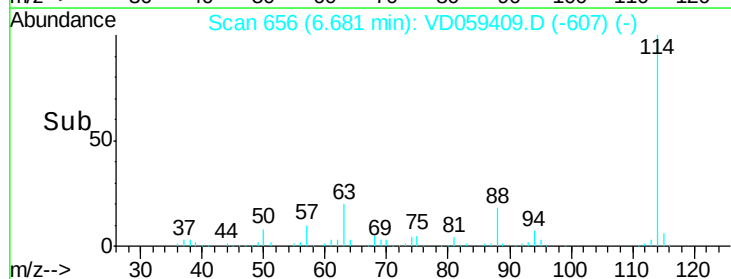
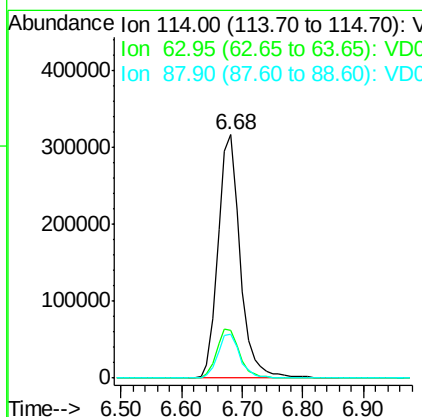
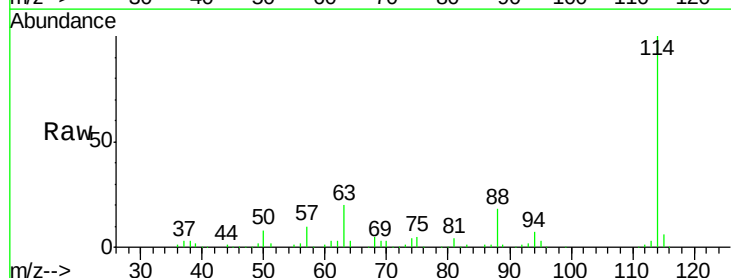
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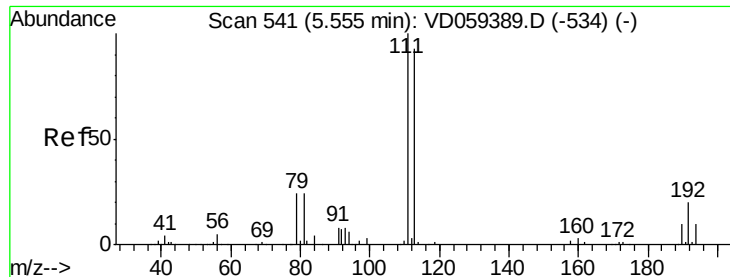
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD059409.D
 Acq: 25 Jun 2018 20:02

Tgt Ion: 114 Resp: 801109
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 17.9 0.0 38.0





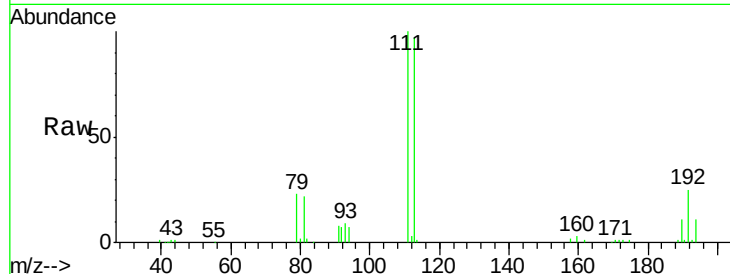
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD059409.D
 Acq: 25 Jun 2018 20:02

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB482-17-19-180619RE

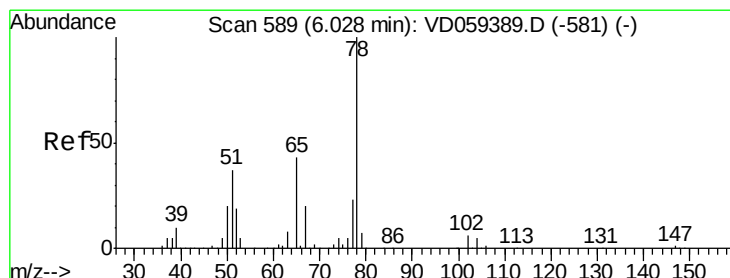
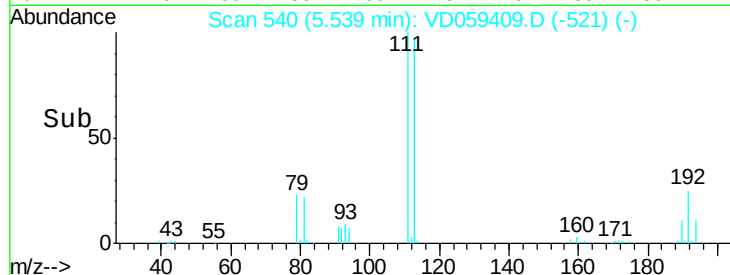
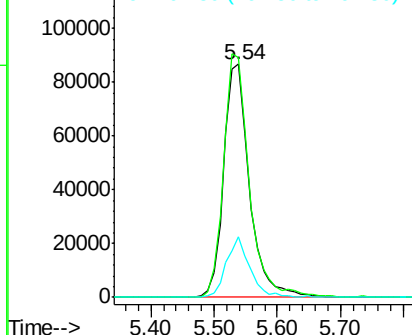
Tot Ion	Ratio	Resp	Lower	Upper
113	100	246252		
111	102.7	85.7	128.5	
192	26.0	16.9	25.3	

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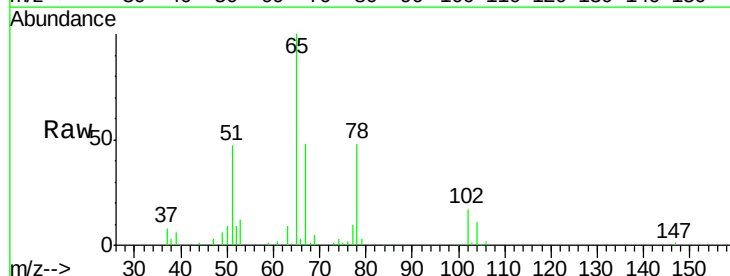


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

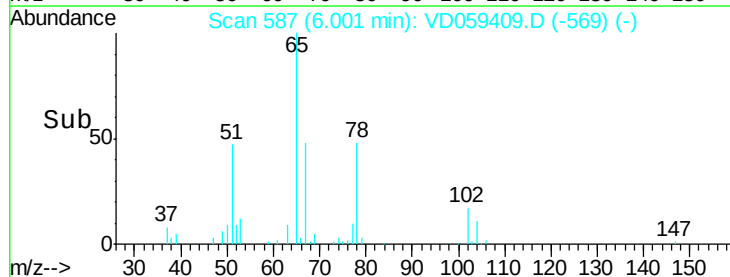
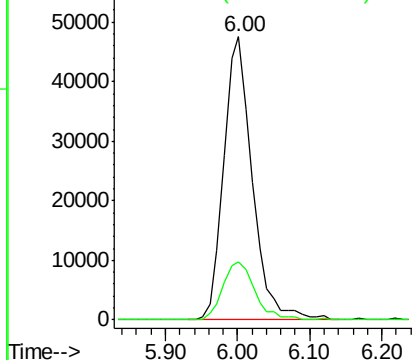


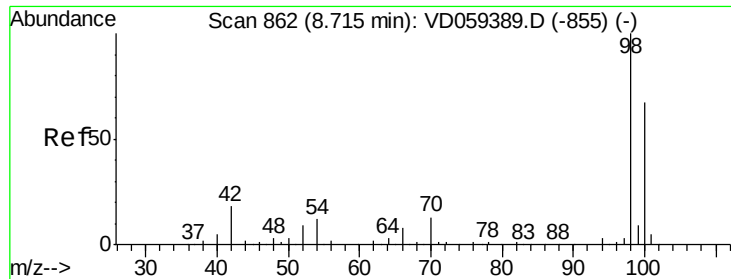
#40
 Benzene
 Concen: 7.47 ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: VD059409.D
 Acq: 25 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	130216		
77	20.5	18.1	27.1	



Abundance Ion 77.95 (77.65 to 78.65): VDC
 Ion 76.95 (76.65 to 77.65): VDC





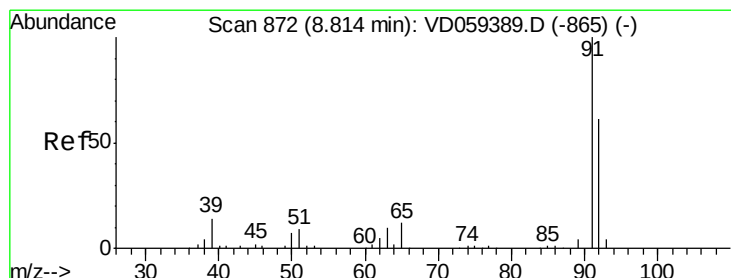
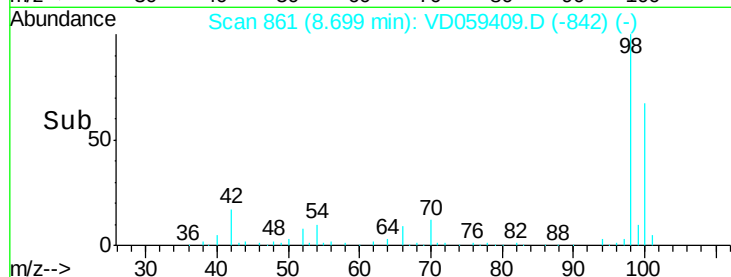
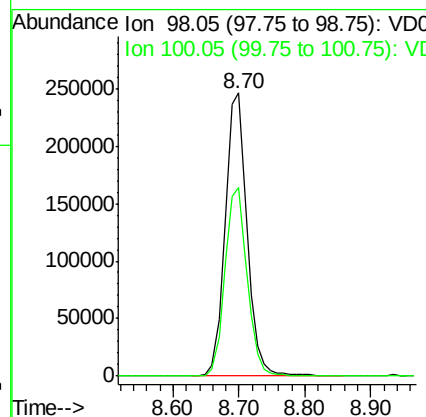
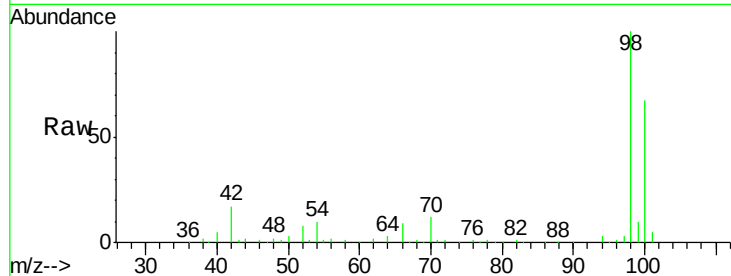
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion: 98 Resp: 570349
Ion Ratio Lower Upper
98 100
100 66.9 54.4 81.6

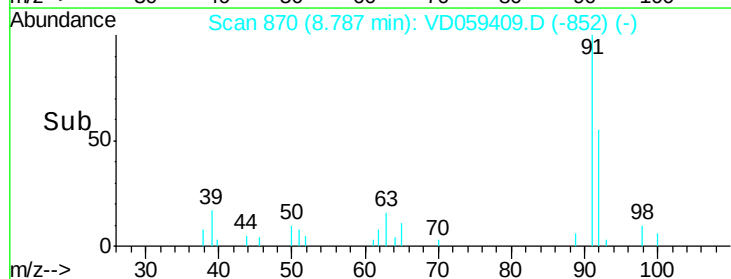
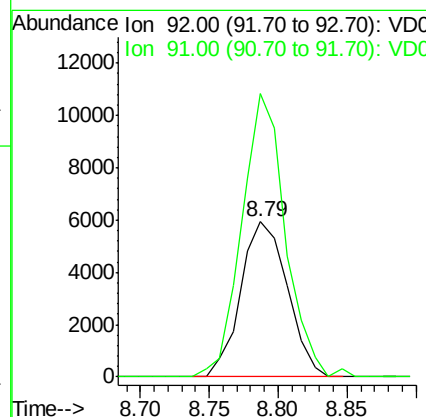
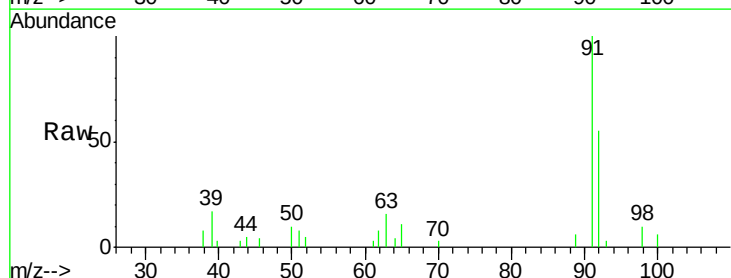
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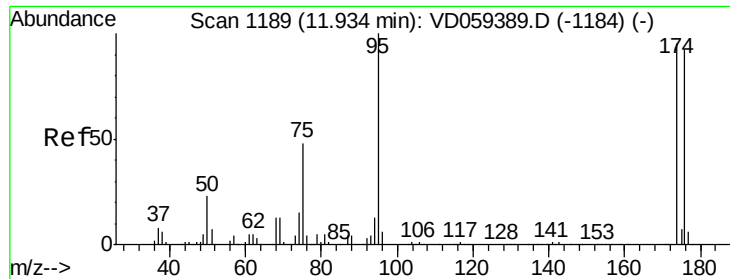
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#52
Toluene
Concen: 1.35 ug/l
RT: 8.79 min Scan# 870
Delta R.T. -0.03 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 92 Resp: 14033
Ion Ratio Lower Upper
92 100
91 182.3 132.2 198.2





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.02 min

Lab File: VD059409.D

Acq: 25 Jun 2018 20:02

Instrument :

MSVOA_D

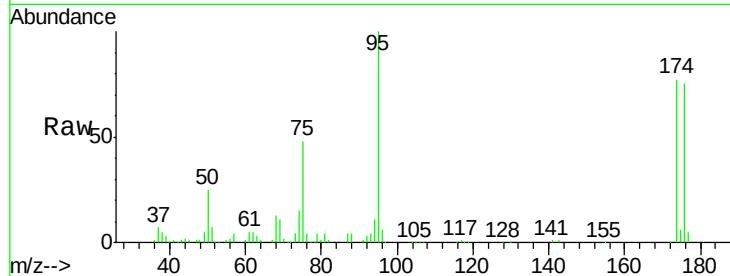
ClientSampleId :

WP021SB482-17-19-180619RE

Tot Ion:	95	Resp:	252329
Ion Ratio	Lower	Upper	
95	100		
174	76.6	0.0	190.4
176	75.2	0.0	183.2

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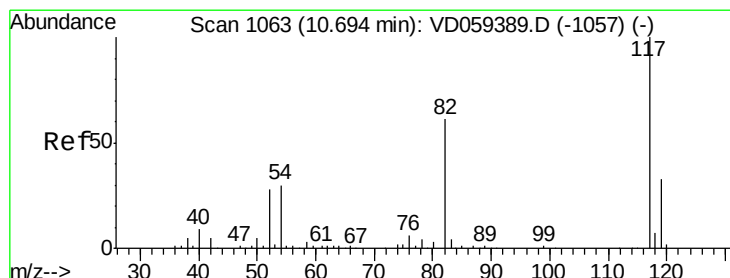
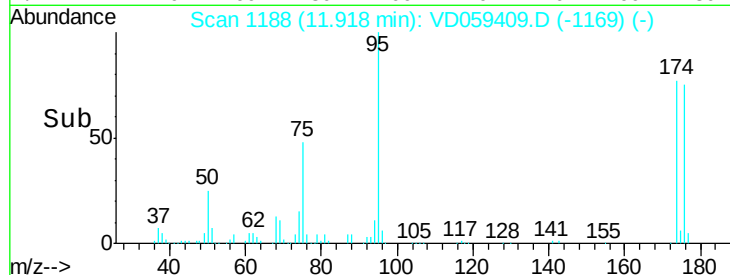
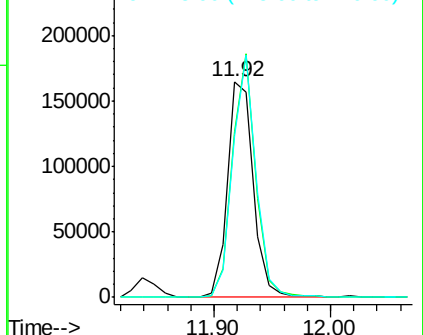
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Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

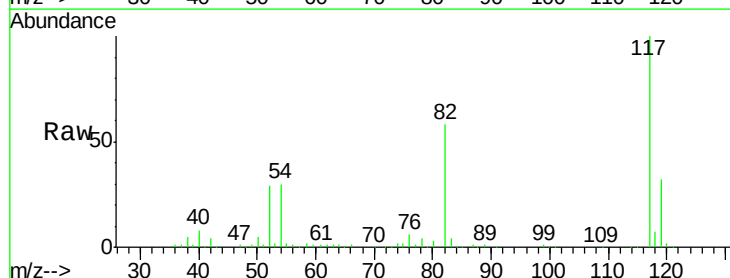
RT: 10.68 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VD059409.D

Acq: 25 Jun 2018 20:02

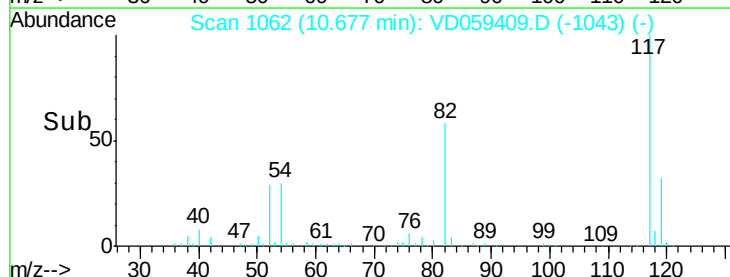
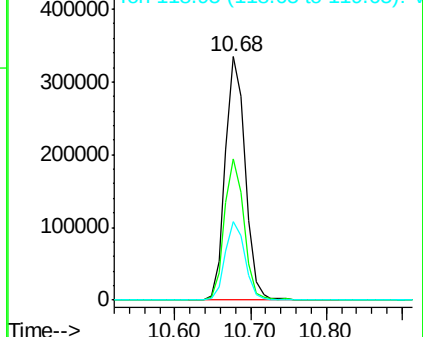
Tgt Ion:	117	Resp:	610922
Ion Ratio	Lower	Upper	
117	100		
82	58.1	49.0	73.6
119	32.3	26.2	39.4

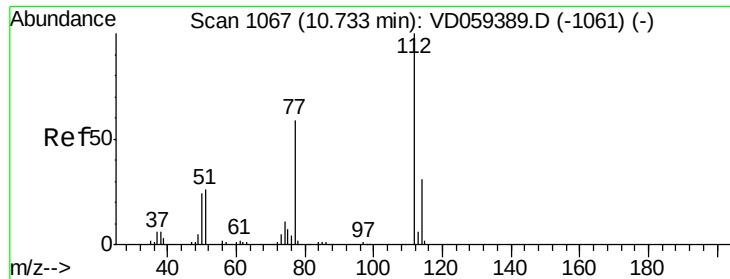


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





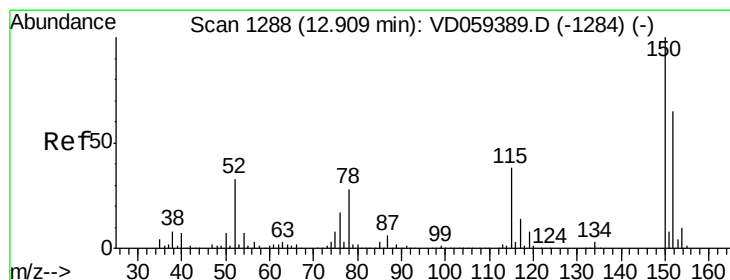
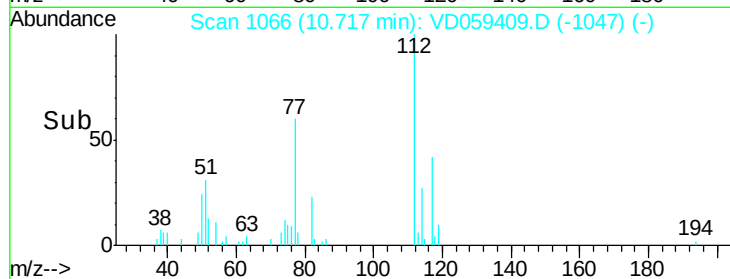
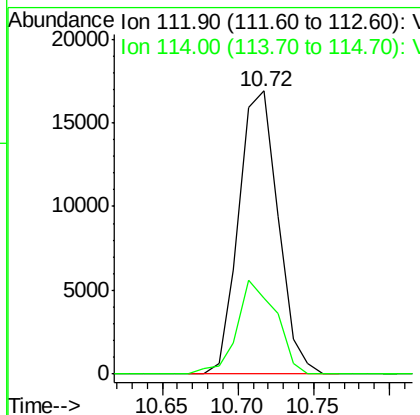
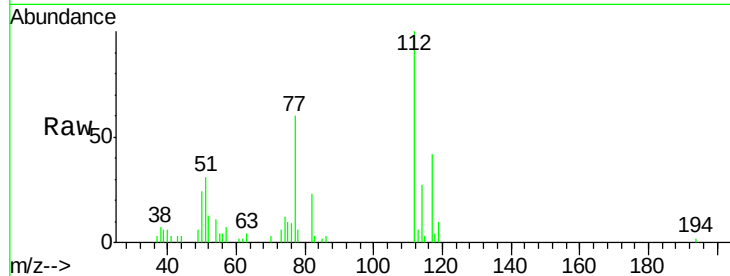
#65
Chlorobenzene
Concen: 2.73 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
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WP021SB482-17-19-180619RE

Tot Ion:112 Resp: 30540
Ion Ratio Lower Upper
112 100
114 27.0 24.6 37.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion:152 Resp: 320187
Ion Ratio Lower Upper
152 100
115 50.3 29.4 88.3
150 152.7 0.0 308.2

