

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010820\
 Data File : VD064804.D
 Acq On : 08 Jan 2020 14:10
 Operator : VA/SY
 Sample : DI01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DI01

Manual Integrations
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Quant Time: Jan 08 14:59:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	515367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	810334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	724318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	341126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	252603	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
35) Dibromofluoromethane	7.92	113	252476	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.34	98	968566	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.64	95	299410	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
Target Compounds						
16) Acetone	4.17	43	6467	10.139	ug/l #	80
20) Methylene Chloride	4.96	84	17536	Below Cal		96
29) Tetrahydrofuran	7.58	42	2922m	3.761	ug/l	
52) Toluene	10.40	92	15413	1.103	ug/l	91

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

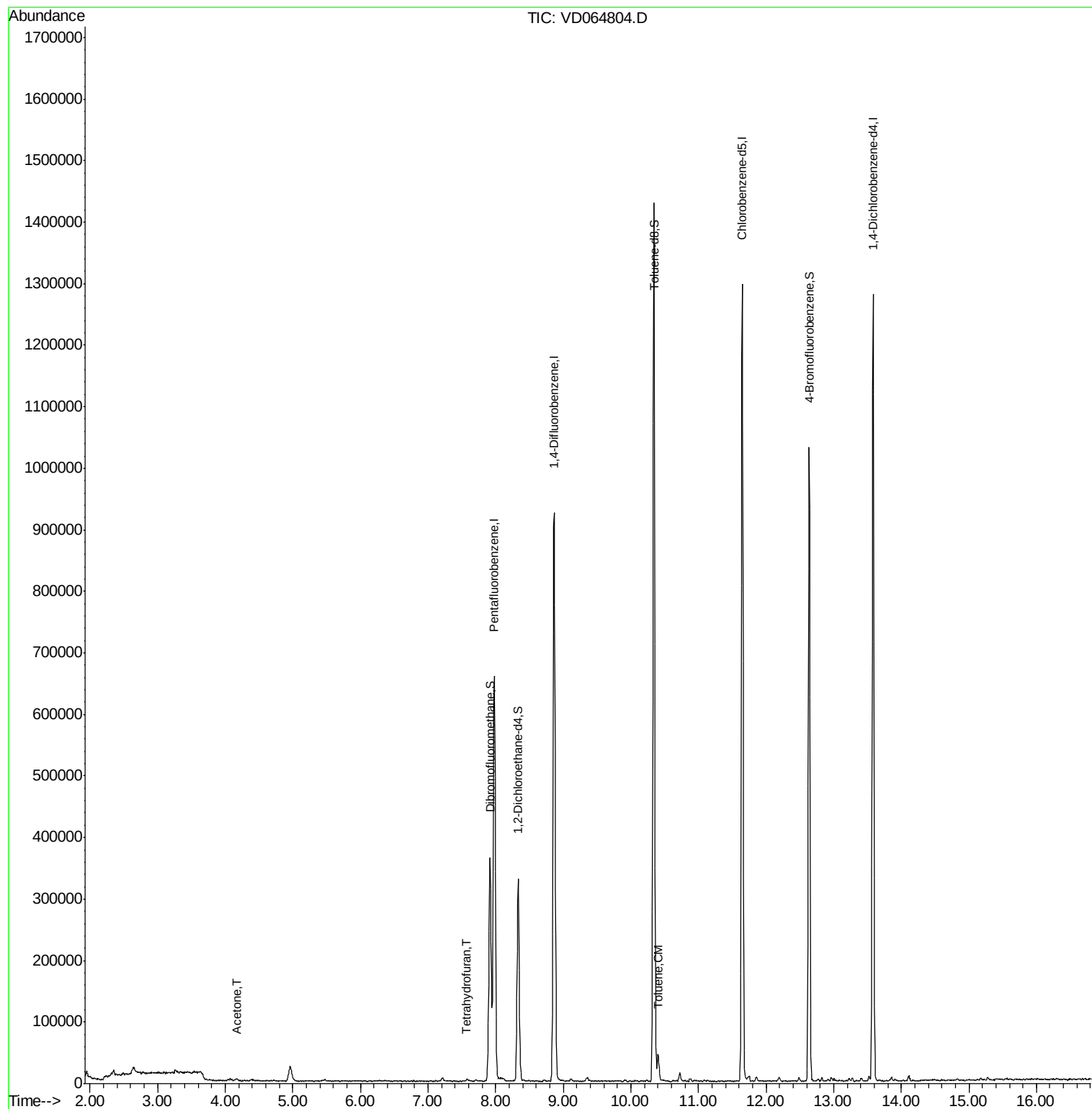
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD010820\
Data File : VD064804.D
Acq On : 08 Jan 2020 14:10
Operator : VA/SY
Sample : DI01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

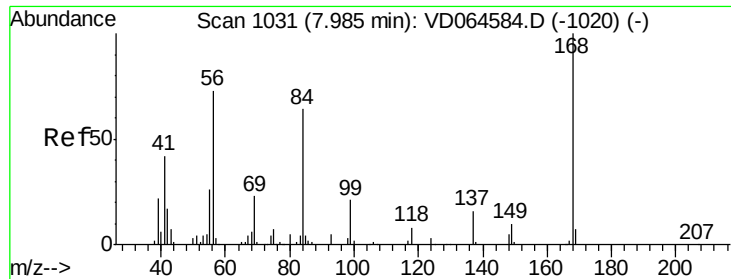
Instrument :
MSVOA_D
ClientSampleId :
DI01

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Quant Time: Jan 08 14:59:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064804.D

Acq: 08 Jan 2020 14:10

Instrument :

MSVOA_D

ClientSampled :

DI01

Tgt Ion: 168 Resp: 515367

Ion Ratio Lower Upper

168 100

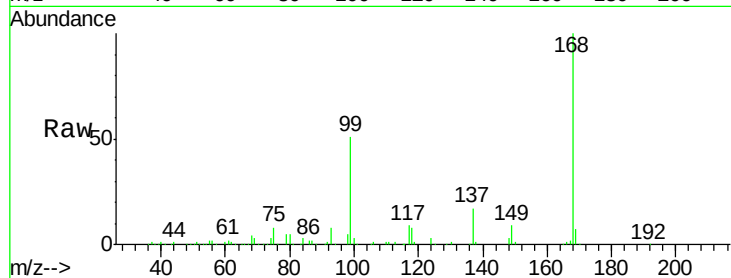
99 51.3 41.8 62.6

Manual Integrations

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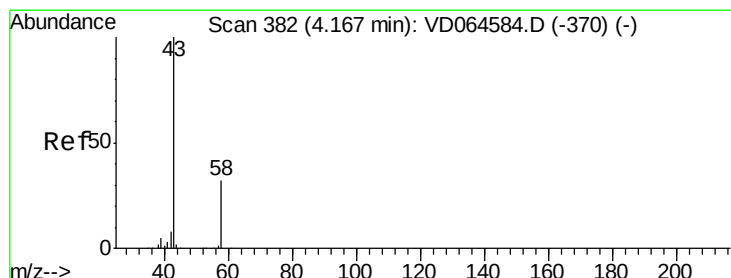
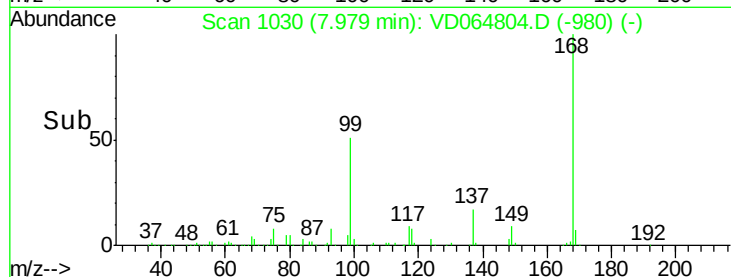
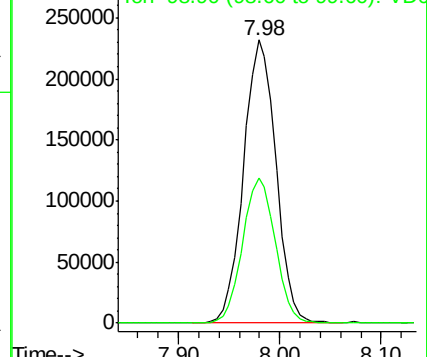
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 10.139 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064804.D

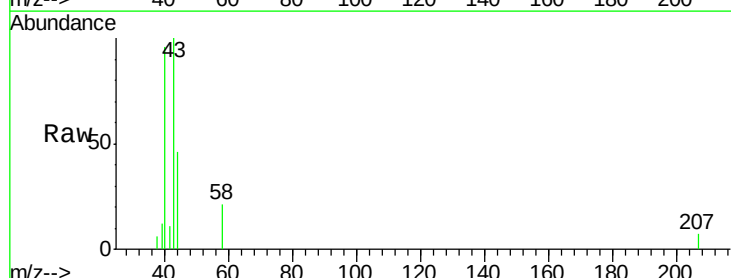
Acq: 08 Jan 2020 14:10

Tgt Ion: 43 Resp: 6467

Ion Ratio Lower Upper

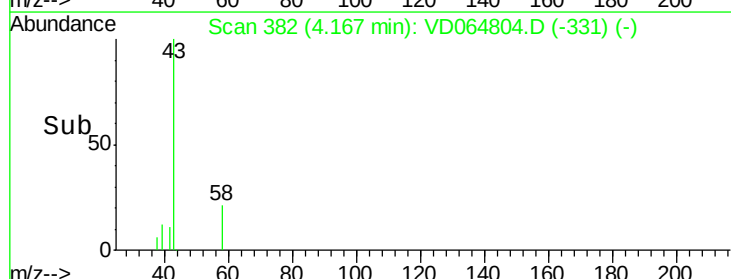
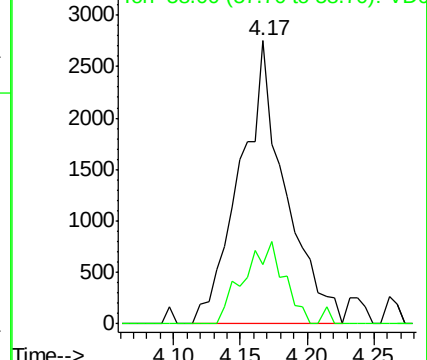
43 100

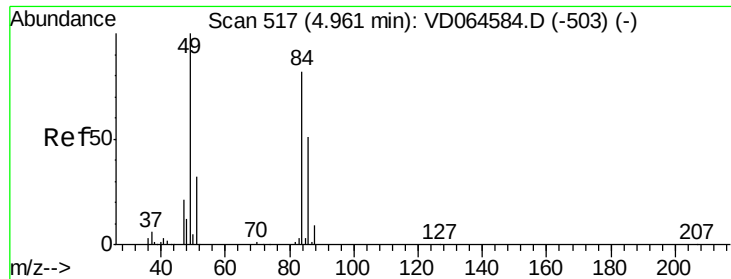
58 20.8 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD064804.D

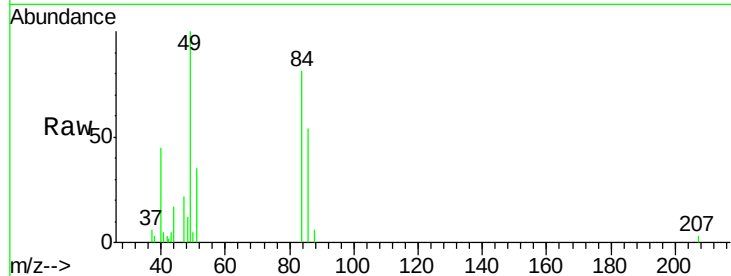
Acq: 08 Jan 2020 14:10

Instrument :

MSVOA_D

ClientSampled :

DI01



Tgt Ion: 84 Resp: 17536

Ion Ratio Lower Upper

84 100

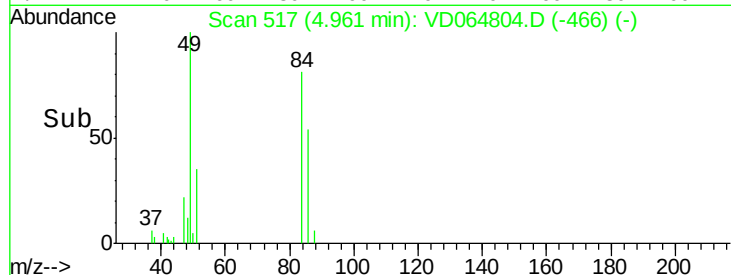
49 123.1 97.2 145.8

51 43.1 31.4 47.0

86 66.4 49.3 73.9

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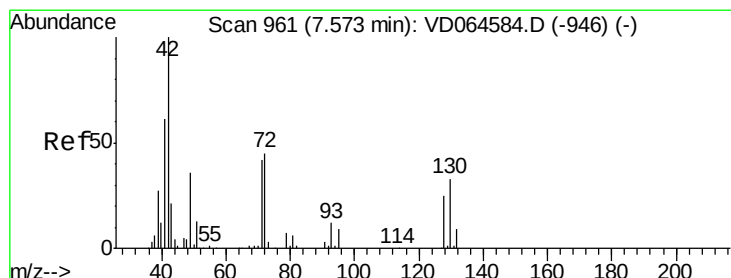
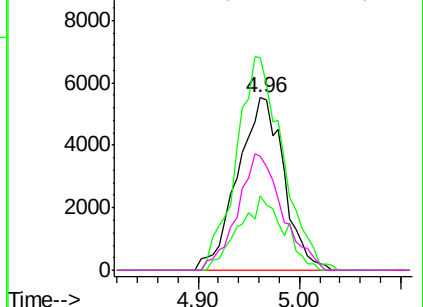


Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#29

Tetrahydrofuran

Concen: 3.761 ug/l m

RT: 7.58 min Scan# 962

Delta R.T. 0.01 min

Lab File: VD064804.D

Acq: 08 Jan 2020 14:10

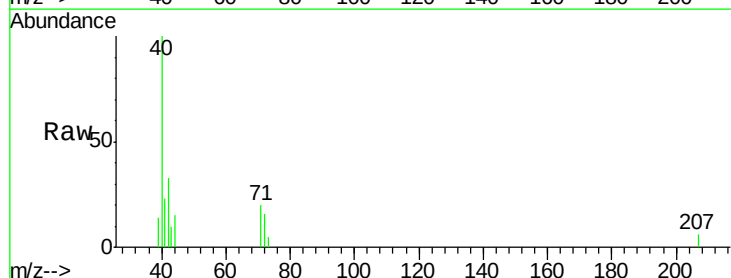
Tgt Ion: 42 Resp: 2922

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

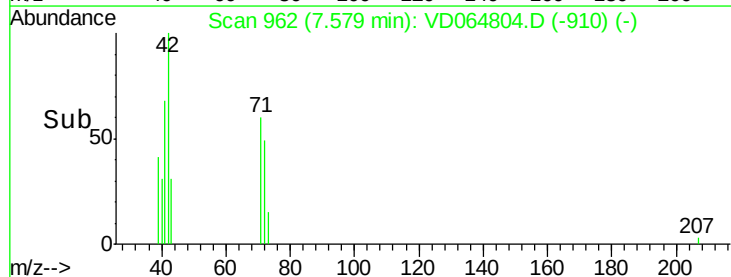
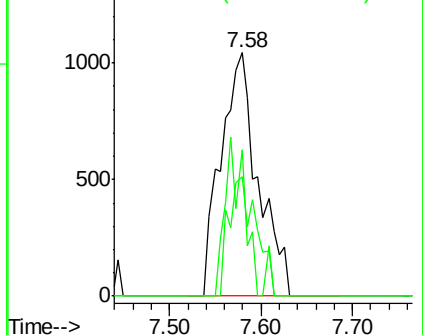
71 0.0 32.9 49.3#

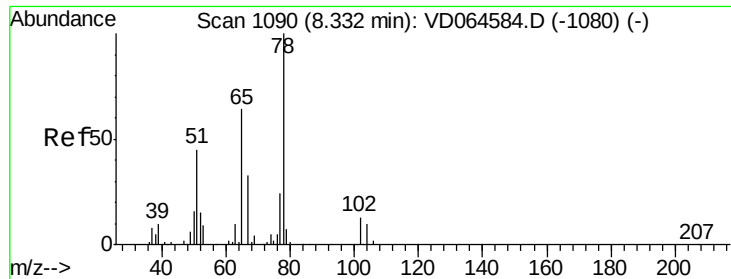


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





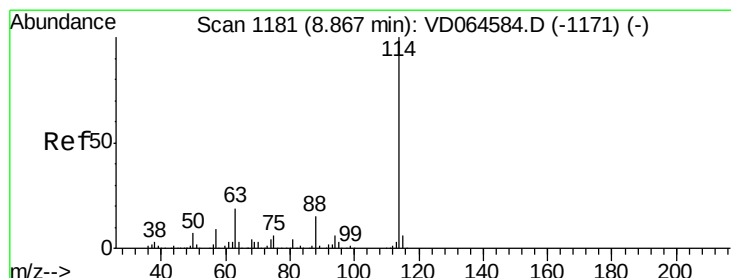
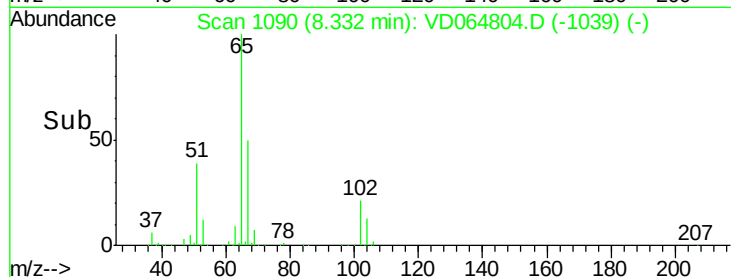
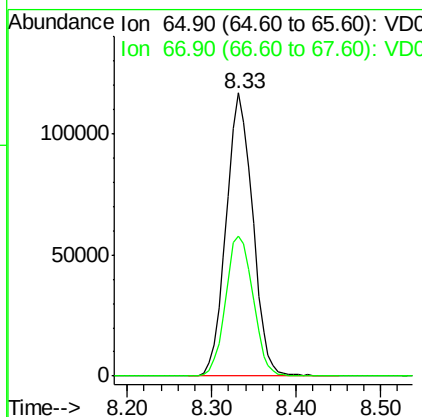
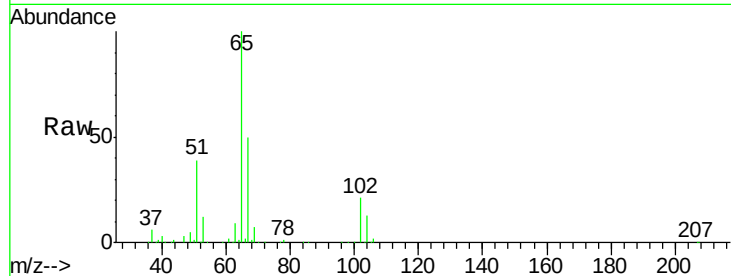
#33
 1,2-Dichloroethane-d4
 Concen: 55.585 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064804.D
 Acq: 08 Jan 2020 14:10

Instrument :
 MSVOA_D
 ClientSampleID :
 DI01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	252603		
67	51.4	0.0	106.2	

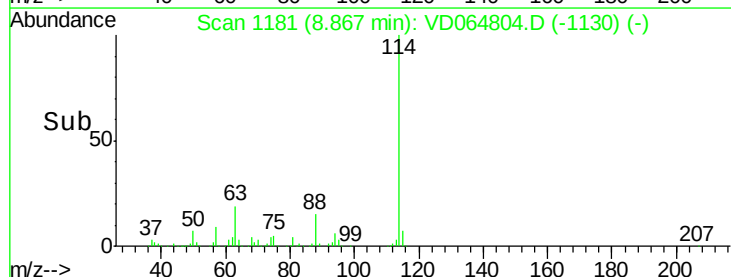
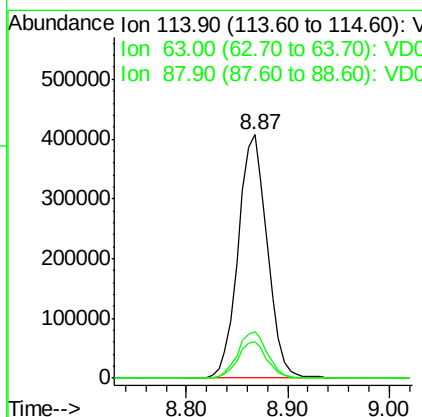
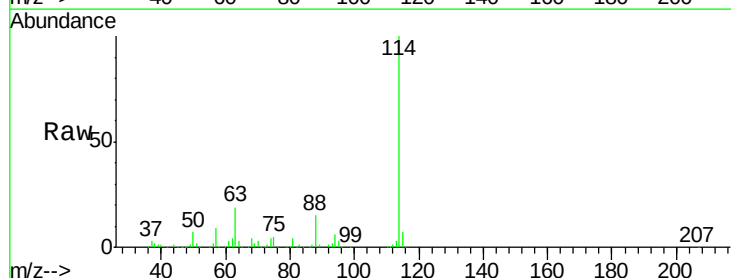
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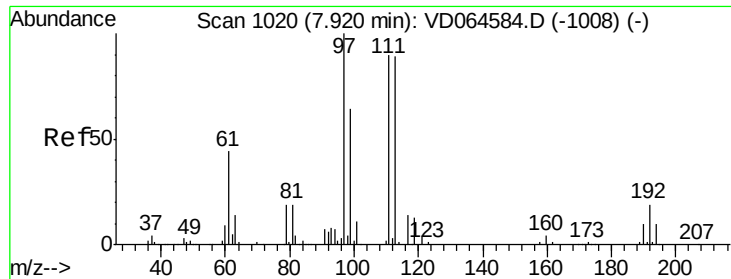
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064804.D
 Acq: 08 Jan 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	810334		
63	18.9	0.0	38.0	
88	14.8	0.0	29.2	





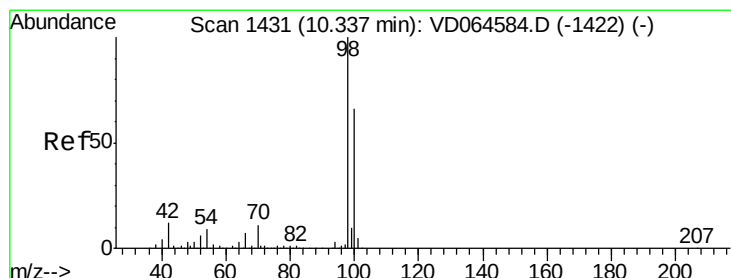
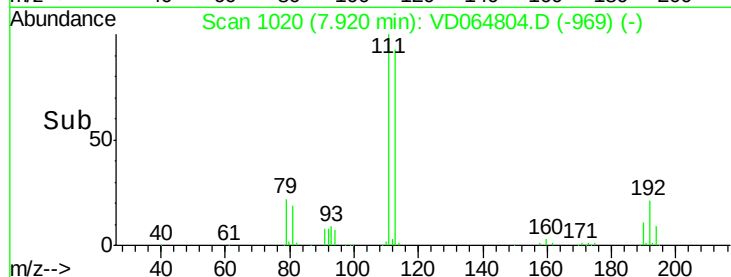
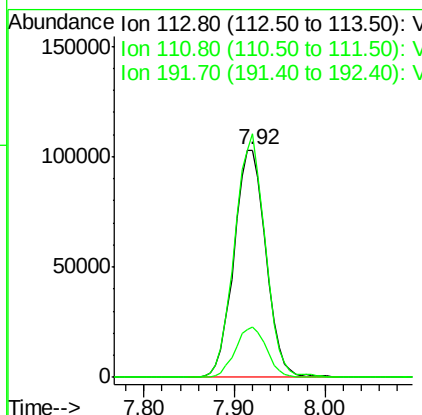
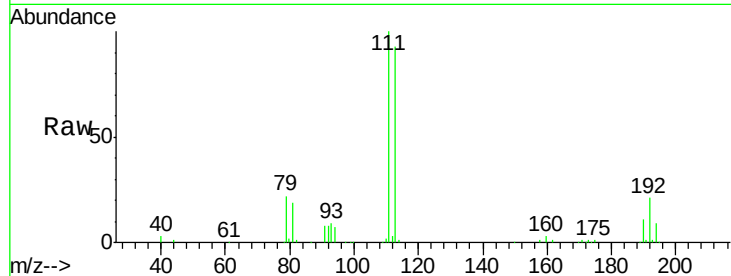
#35
 Dibromofluoromethane
 Concen: 50.784 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064804.D
 Acq: 08 Jan 2020 14:10

Instrument :
 MSVOA_D
 ClientSampleId :
 DI01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	252476		
111	102.8	80.6	121.0	
192	21.5	17.9	26.9	

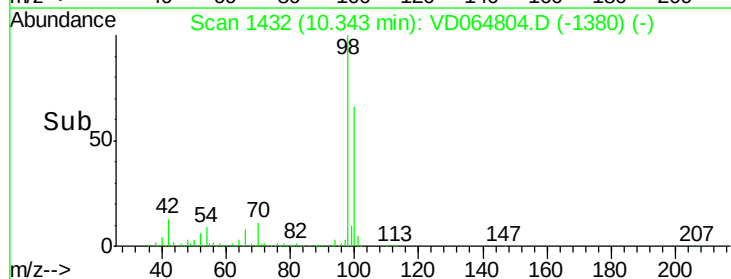
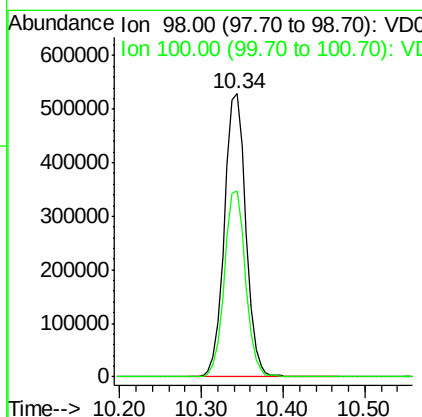
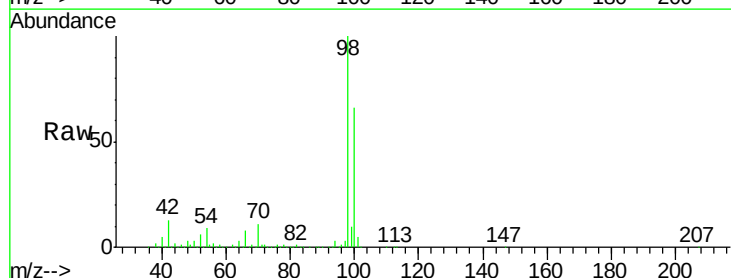
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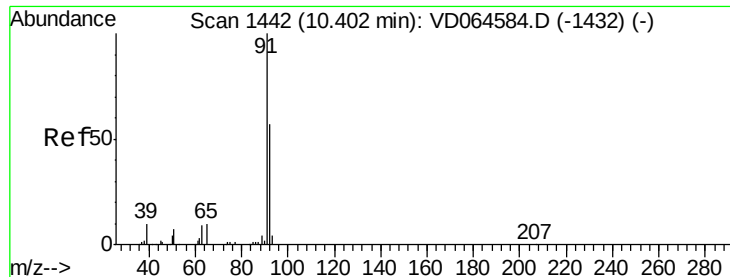
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#50
 Toluene-d8
 Concen: 50.869 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064804.D
 Acq: 08 Jan 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	968566		
100	65.0	51.7	77.5	





#52

Toluene

Concen: 1.103 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD064804.D

Acq: 08 Jan 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

DI01

Tgt Ion: 92 Resp: 15413

Ion Ratio Lower Upper

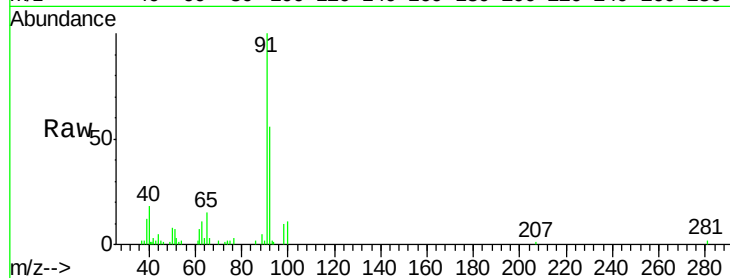
92 100

91 185.6 138.7 208.1

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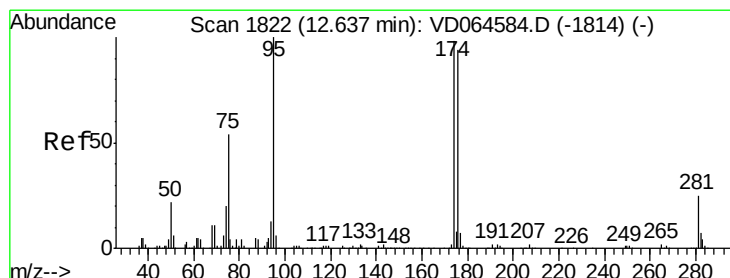
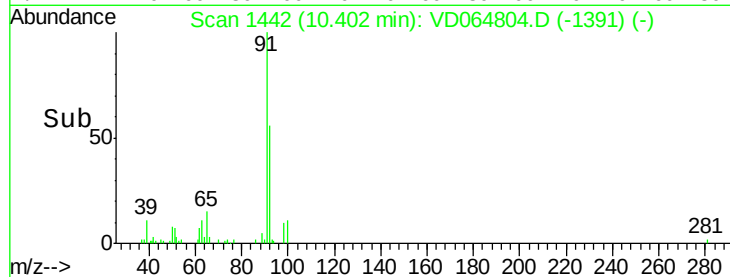
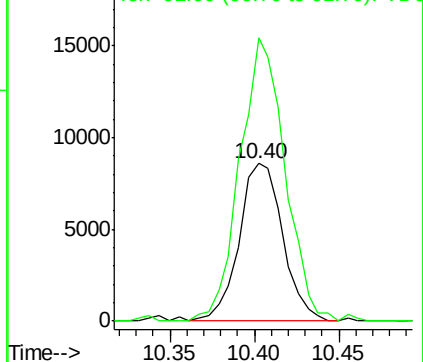
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Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.729 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064804.D

Acq: 08 Jan 2020 14:10

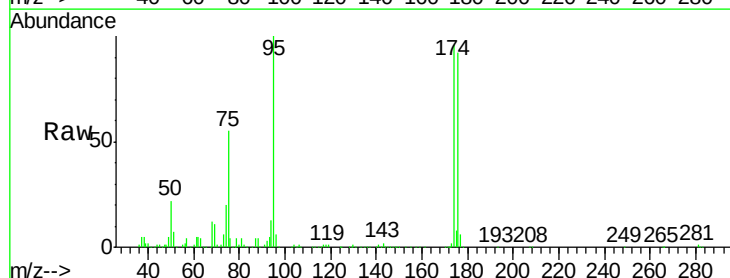
Tgt Ion: 95 Resp: 299410

Ion Ratio Lower Upper

95 100

174 96.3 0.0 193.2

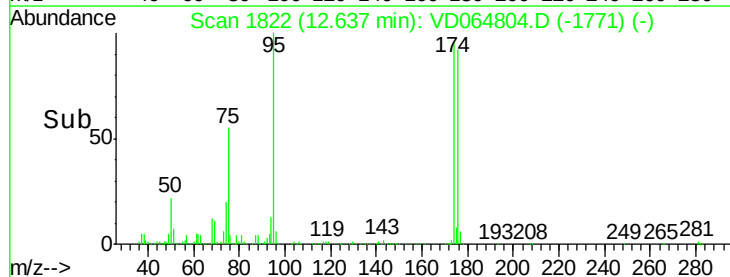
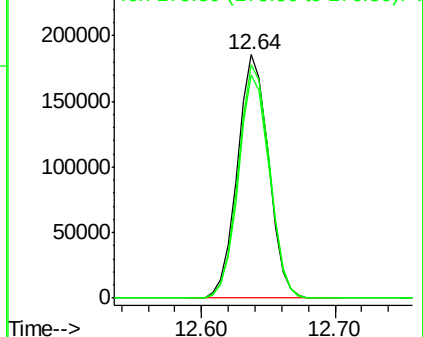
176 91.2 0.0 184.2

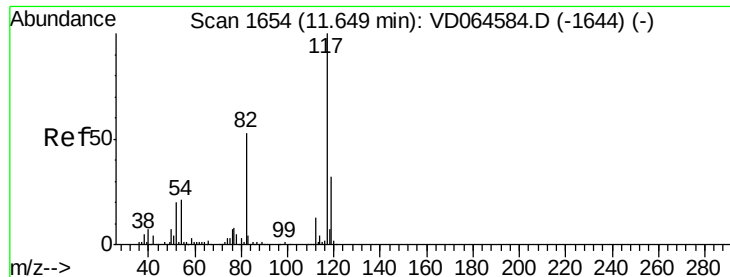


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





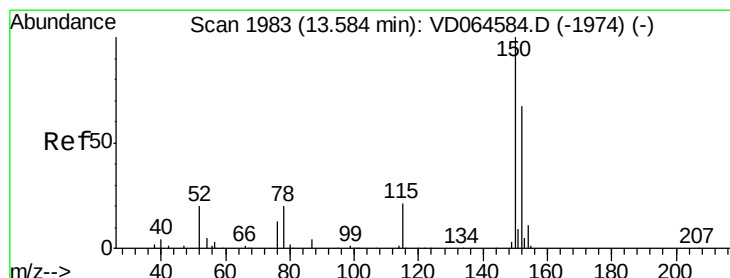
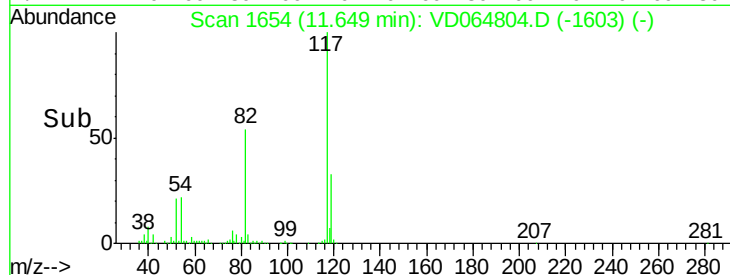
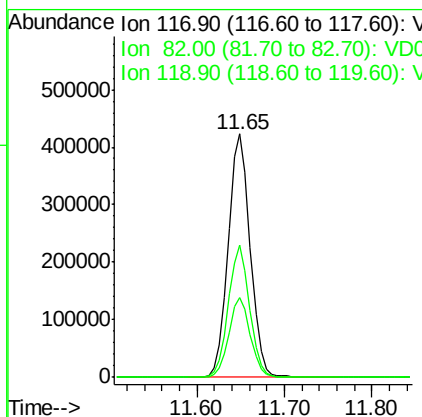
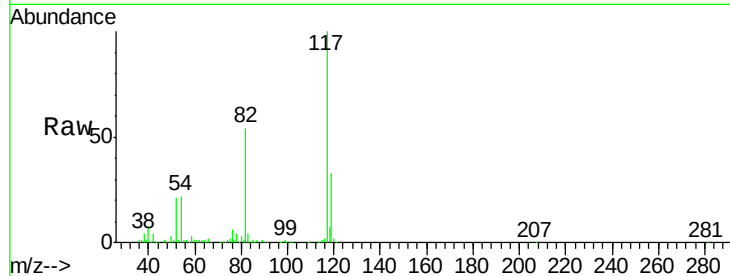
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064804.D
Acq: 08 Jan 2020 14:10

Instrument :
MSVOA_D
ClientSampled :
DI01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	724318		
82	54.2		42.2	63.4
119	32.9		26.0	39.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064804.D
Acq: 08 Jan 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	341126		
115	54.9		27.8	83.4
150	158.6		0.0	351.4

