

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066738.D
 Acq On : 17 Sep 2020 12:20
 Operator : VA/SY
 Sample : L4007-01RE
 Misc : 4.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11929RE

Manual Integrations
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 9/18/2020 12:18:20 PM

Quant Time: Sep 18 01:29:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	398721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	731569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	700649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	233162	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
35) Dibromofluoromethane	7.91	113	88322	19.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.38%	
50) Toluene-d8	10.34	98	888815	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
62) 4-Bromofluorobenzene	12.63	95	295095	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
Target Compounds						
8) Diethyl Ether	3.70	74	2161m	1.100	ug/l	Qvalue
16) Acetone	4.16	43	19951	23.030	ug/l #	85
20) Methylene Chloride	4.96	84	85006	12.773	ug/l	98
52) Toluene	10.40	92	196048	15.039	ug/l	99
95) Naphthalene	15.41	128	19456	2.133	ug/l	97

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

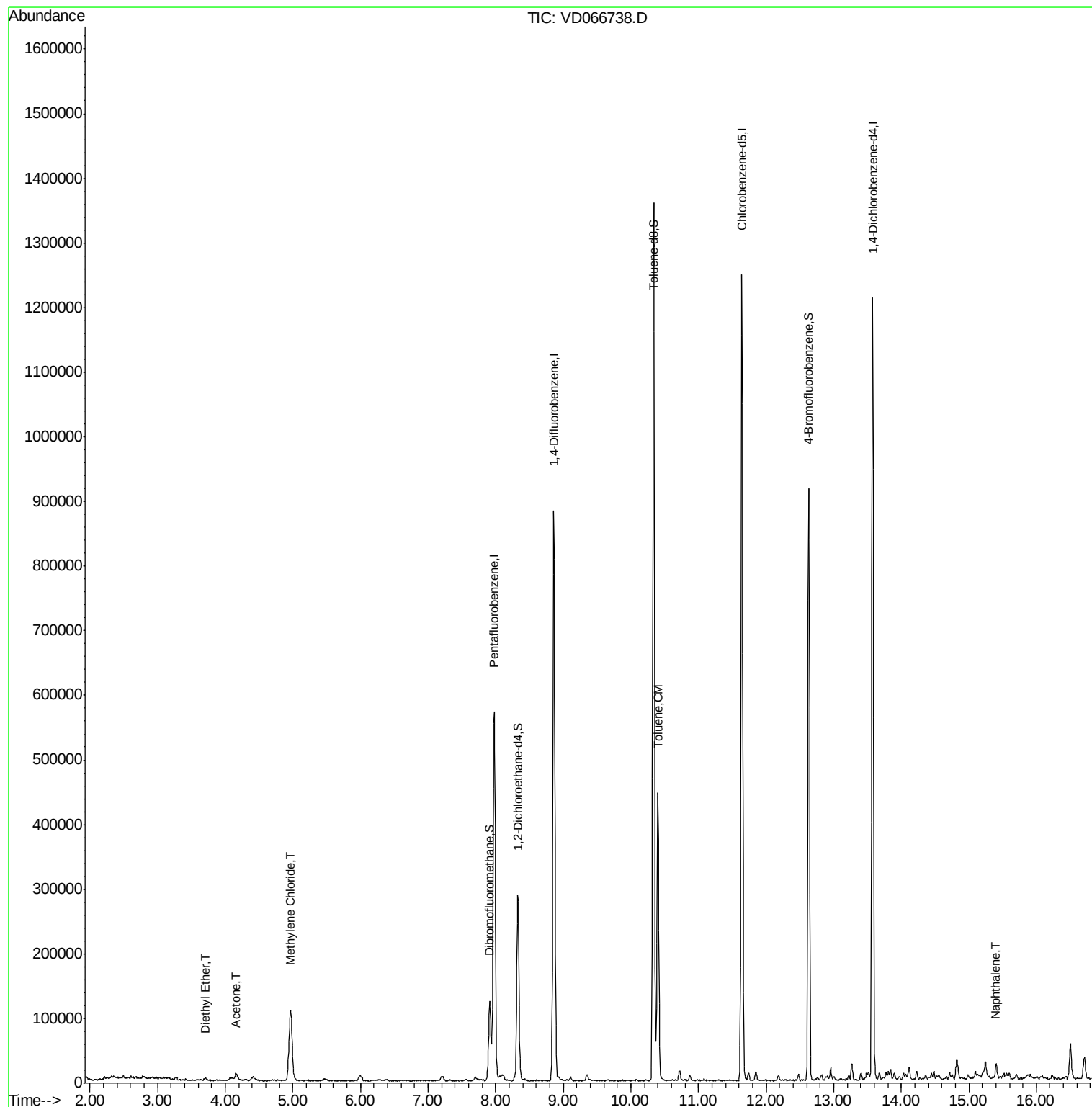
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066738.D
Acq On : 17 Sep 2020 12:20
Operator : VA/SY
Sample : L4007-01RE
Misc : 4.62G/5.00ml/MSVOA D/SOIL
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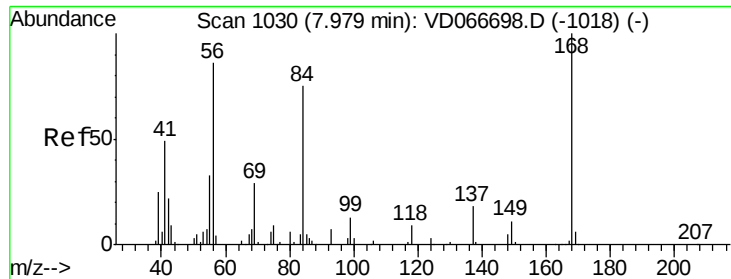
Instrument :
MSVOA_D
ClientSampleId :
72-11929RE

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Quant Time: Sep 18 01:29:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066738.D

Acq: 17 Sep 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

72-11929RE

Tot Ion:168 Resp: 398721

Ion Ratio Lower Upper

168 100

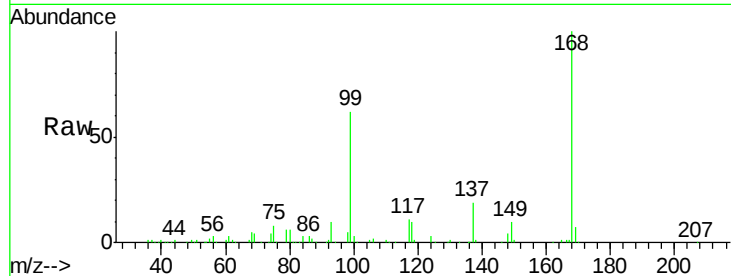
99 62.2 54.4 81.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

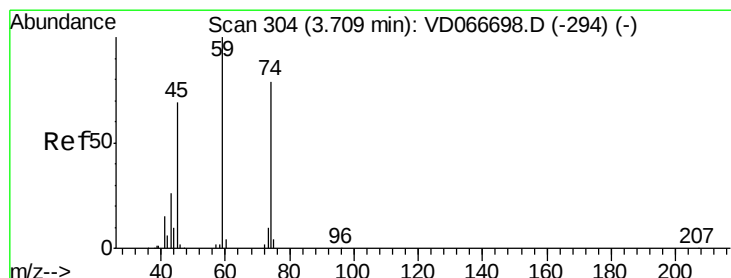
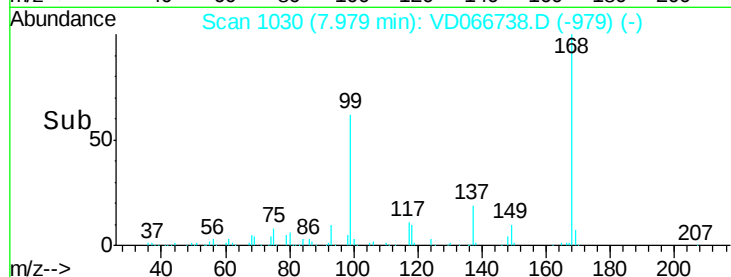
100000

50000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.100 ug/l m

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066738.D

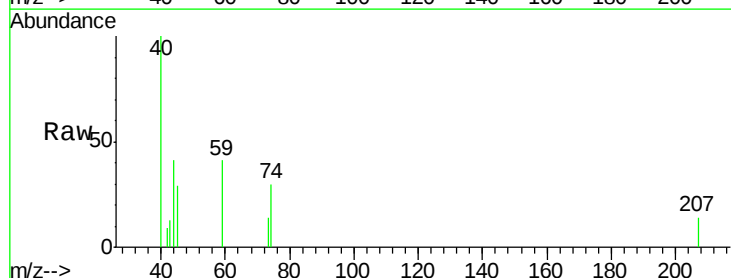
Acq: 17 Sep 2020 12:20

Tgt Ion: 74 Resp: 2161

Ion Ratio Lower Upper

74 100

45 90.7 48.0 144.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

1200

1000

800

600

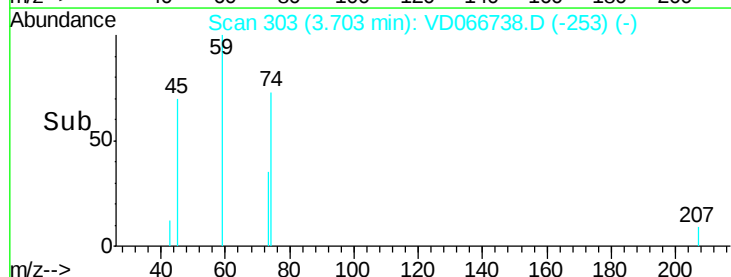
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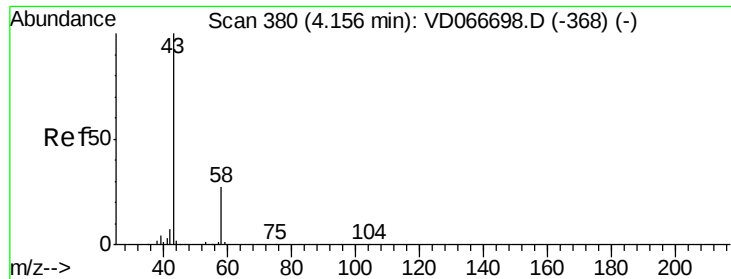
200

0

3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 23.030 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066738.D

Acq: 17 Sep 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

72-11929RE

Tot Ion: 43 Resp: 19951

Ion Ratio Lower Upper

43 100

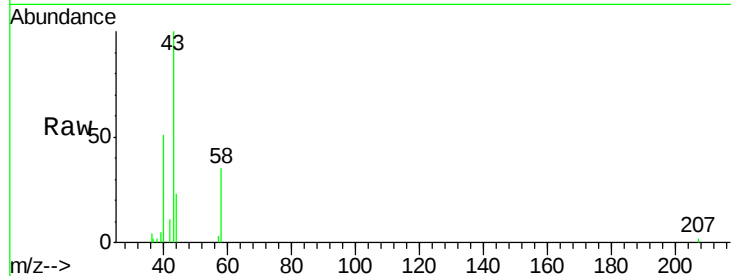
58 35.1 21.9 32.9#

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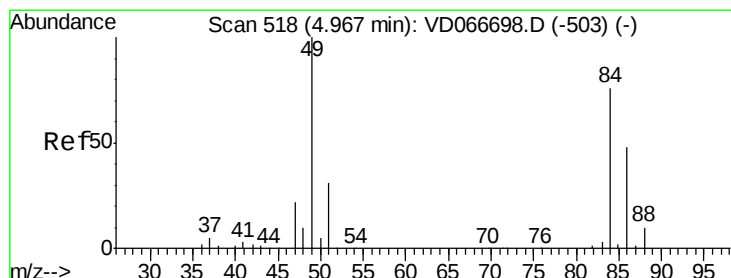
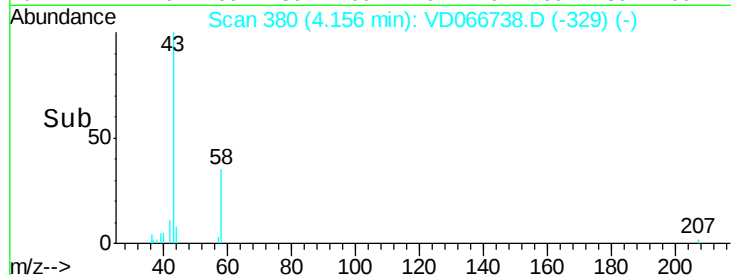
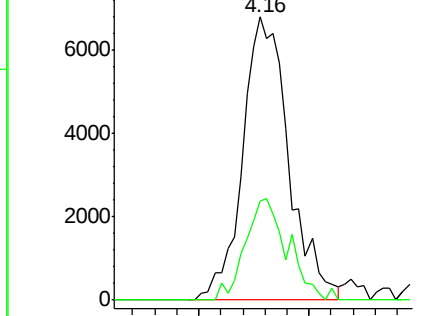
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 12.773 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066738.D

Acq: 17 Sep 2020 12:20

Tgt Ion: 84 Resp: 85006

Ion Ratio Lower Upper

84 100

49 129.9 105.0 157.6

51 36.8 32.2 48.4

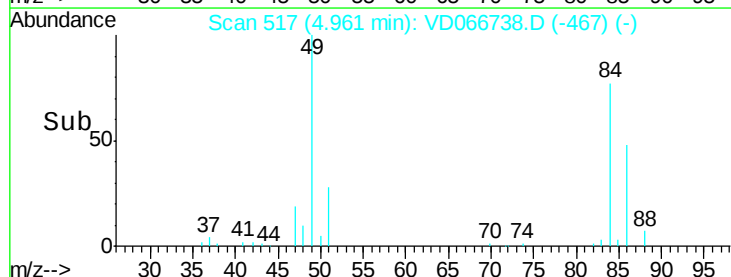
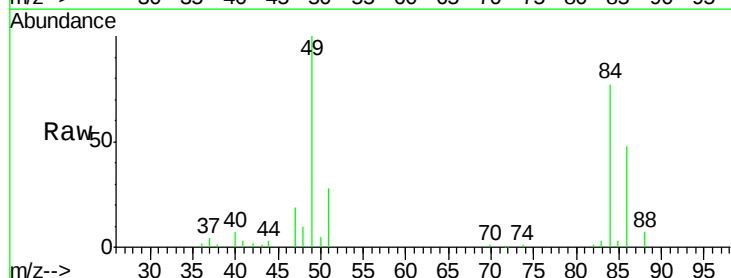
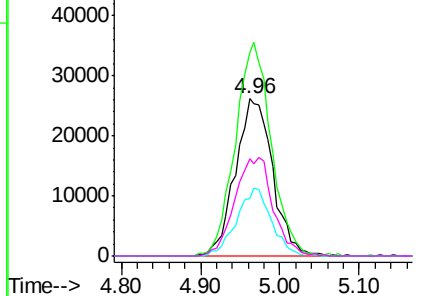
86 62.3 50.4 75.6

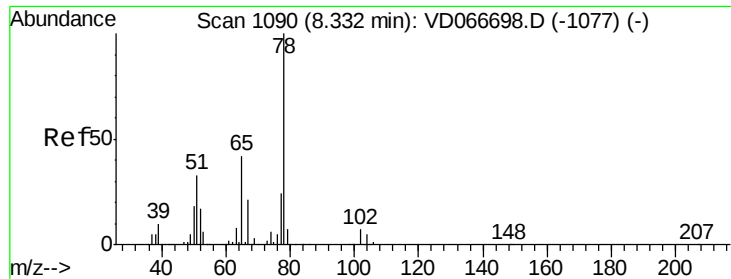
Abundance Ion 83.90 (83.60 to 84.60): VDC

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





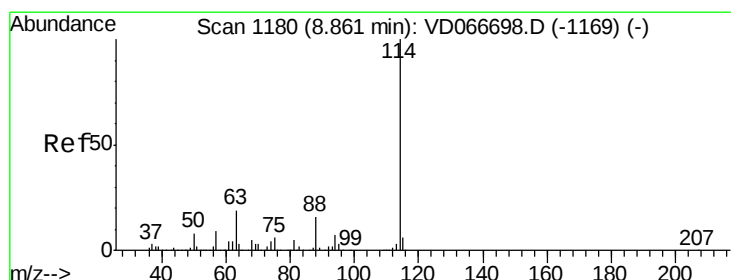
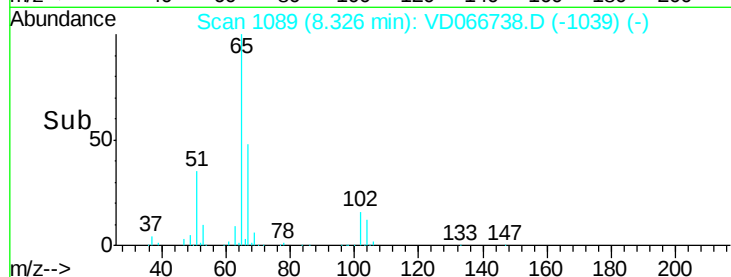
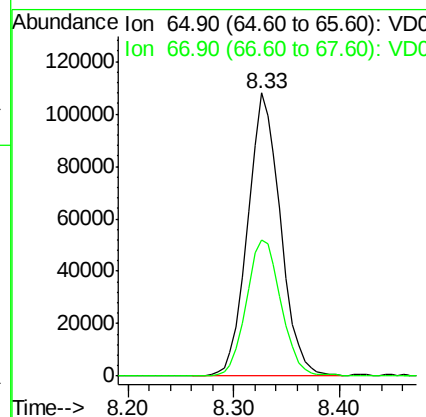
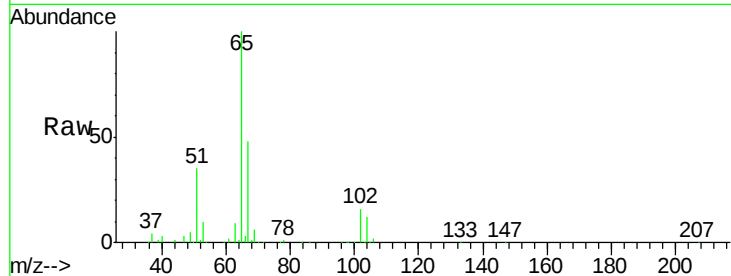
#33
 1,2-Dichloroethane-d4
 Concen: 54.809 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066738.D
 Acq: 17 Sep 2020 12:20

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11929RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	233162		
67	50.5	0.0	102.2	

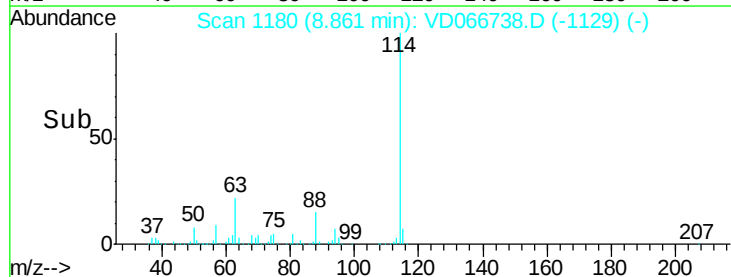
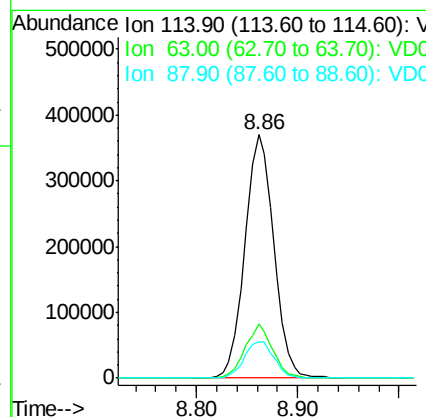
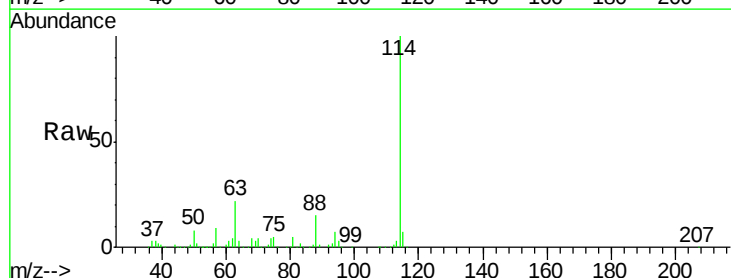
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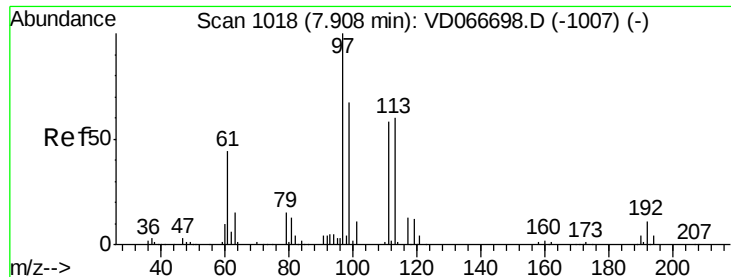
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066738.D
 Acq: 17 Sep 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	731569		
63	22.1	0.0	37.6	
88	14.6	0.0	32.2	





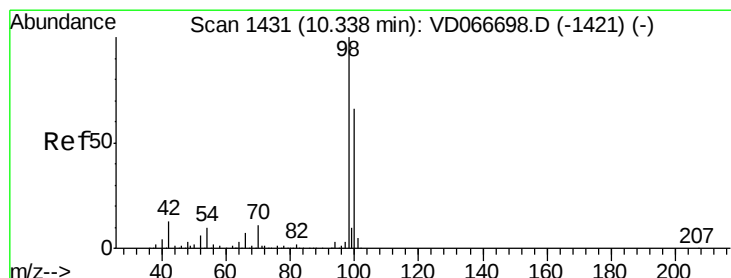
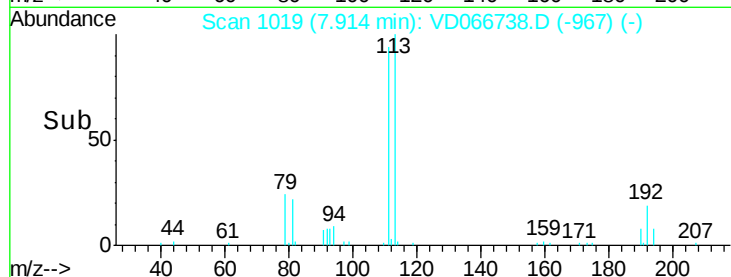
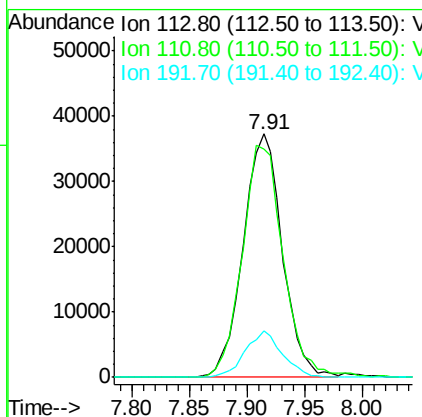
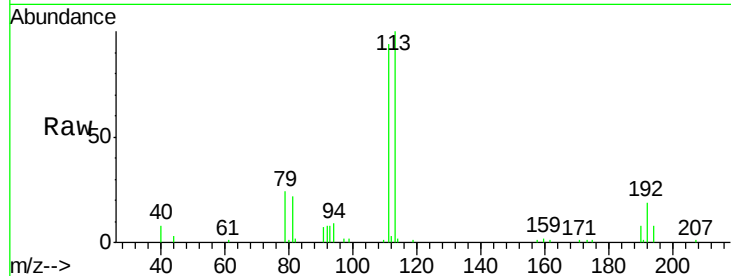
#35
Dibromofluoromethane
Concen: 19.692 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066738.D
Acq: 17 Sep 2020 12:20

Instrument :
MSVOA_D
ClientSampleId :
72-11929RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.7	83.2	124.8
192	17.9	14.8	22.2

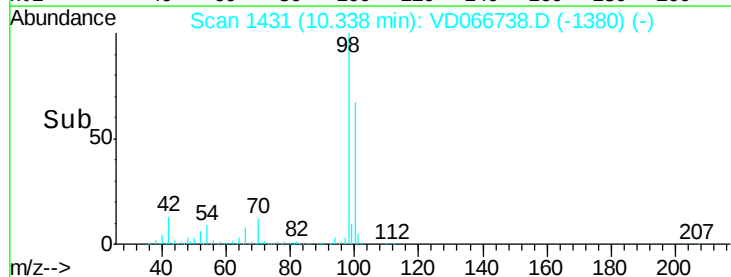
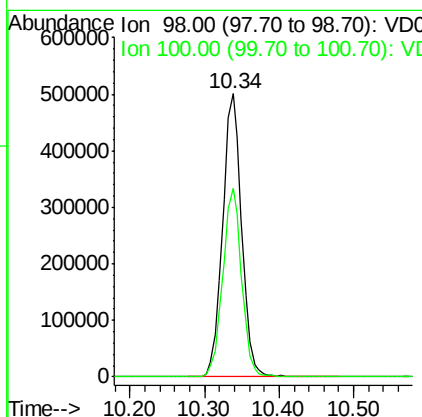
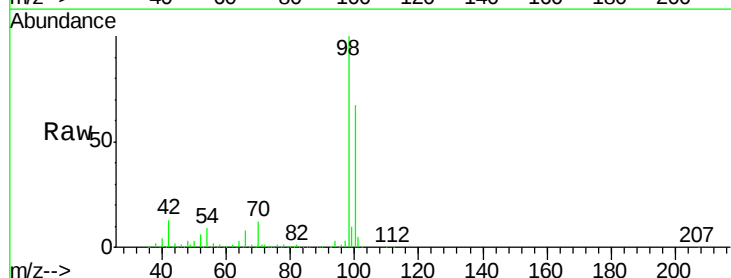
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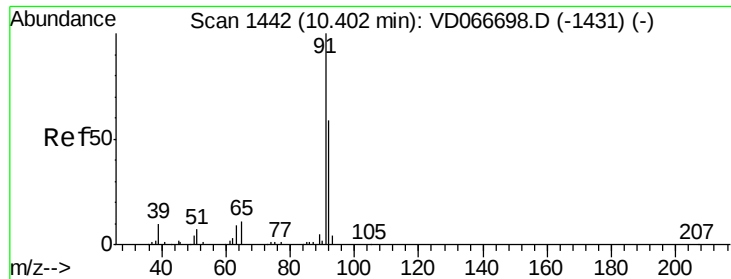
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#50
Toluene-d8
Concen: 55.621 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066738.D
Acq: 17 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.7	79.1





#52

Toluene

Concen: 15.039 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066738.D

Acq: 17 Sep 2020 12:20

Instrument :

MSVOA_D

ClientSampleId :

72-11929RE

Tot Ion: 92 Resp: 196048

Ion Ratio Lower Upper

92 100

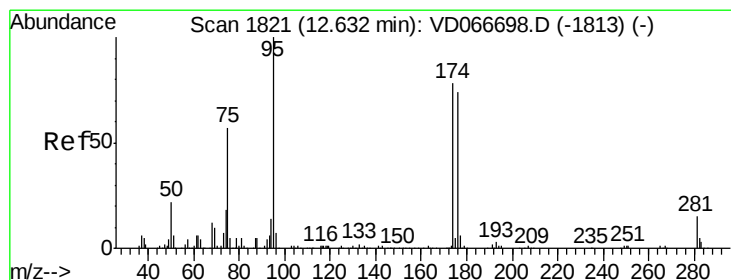
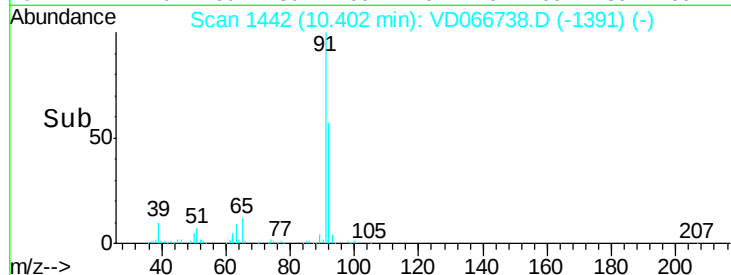
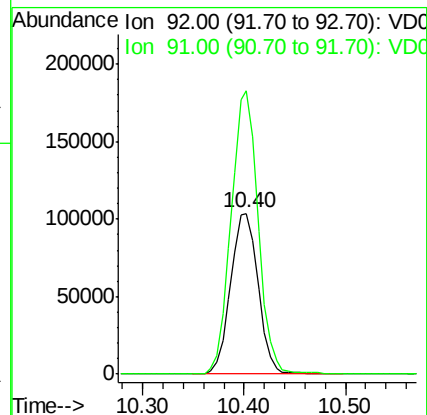
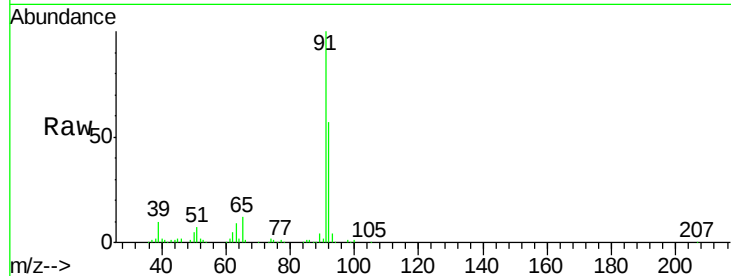
91 171.8 135.8 203.8

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#62

4-Bromofluorobenzene

Concen: 53.498 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066738.D

Acq: 17 Sep 2020 12:20

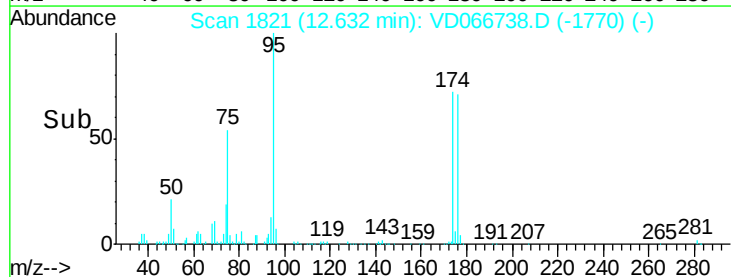
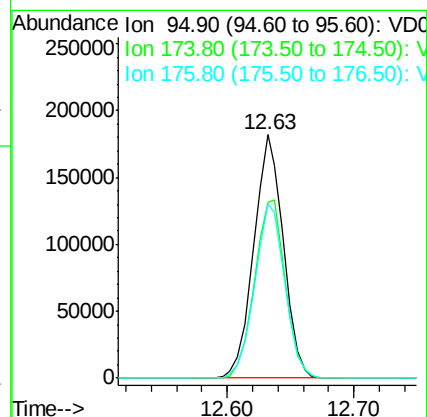
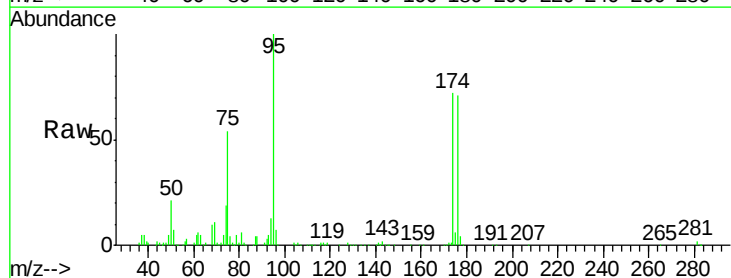
Tgt Ion: 95 Resp: 295095

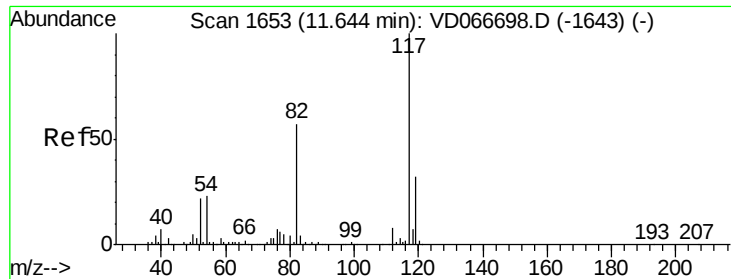
Ion Ratio Lower Upper

95 100

174 76.0 0.0 156.6

176 73.3 0.0 150.2





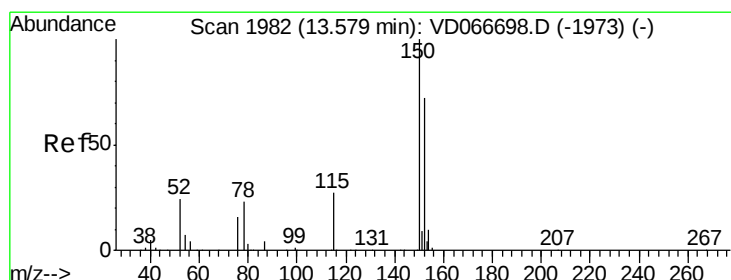
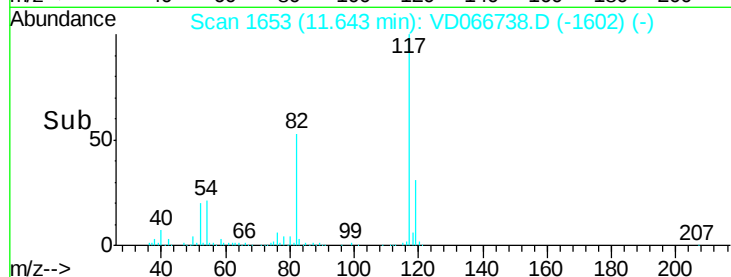
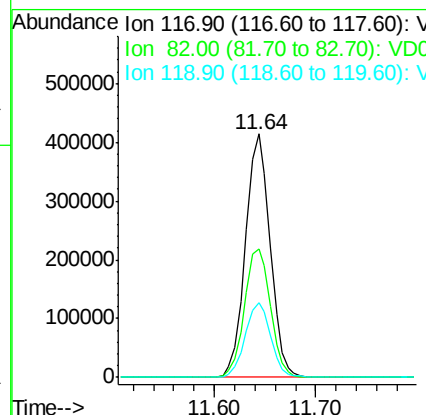
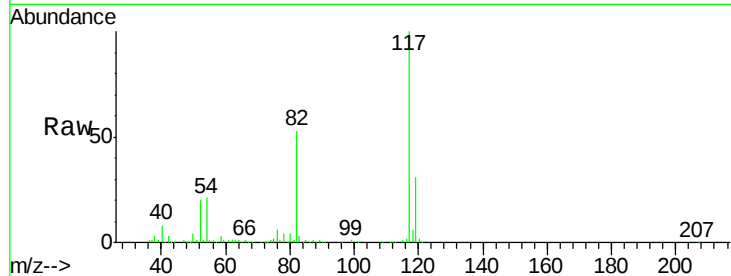
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066738.D
Acq: 17 Sep 2020 12:20

Instrument :
MSVOA_D
ClientSampleId :
72-11929RE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	700649		
82	52.5		45.4	68.0
119	30.8		25.8	38.6

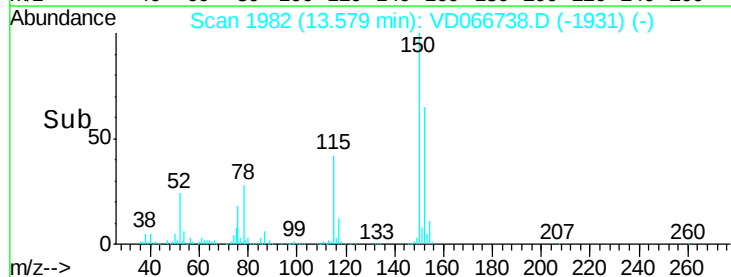
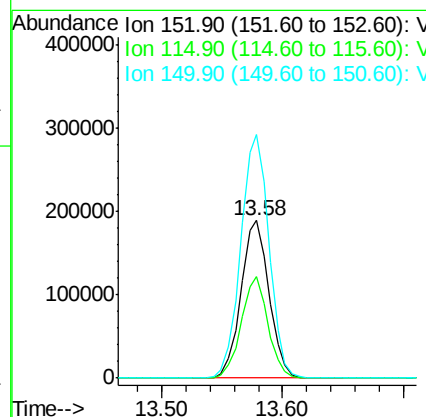
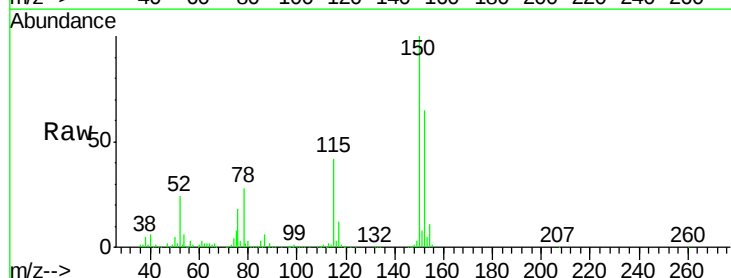
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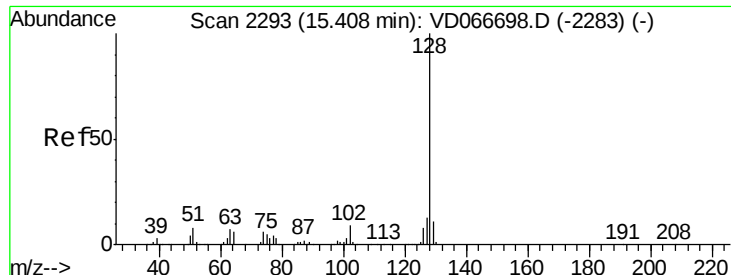
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066738.D
Acq: 17 Sep 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	305211		
115	61.6		30.5	91.5
150	155.7		0.0	344.6





#95
 Naphthalene
 Concen: 2.133 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VD066738.D
 Acq: 17 Sep 2020 12:20

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11929RE

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	14.2	10.5	15.7
129	12.3	8.6	12.8

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 9/18/2020 12:18:20 PM

