

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066718.D
 Acq On : 16 Sep 2020 14:36
 Operator : VA/SY
 Sample : L4007-01
 Misc : 3.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11929

Quant Time: Sep 17 01:08:49 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

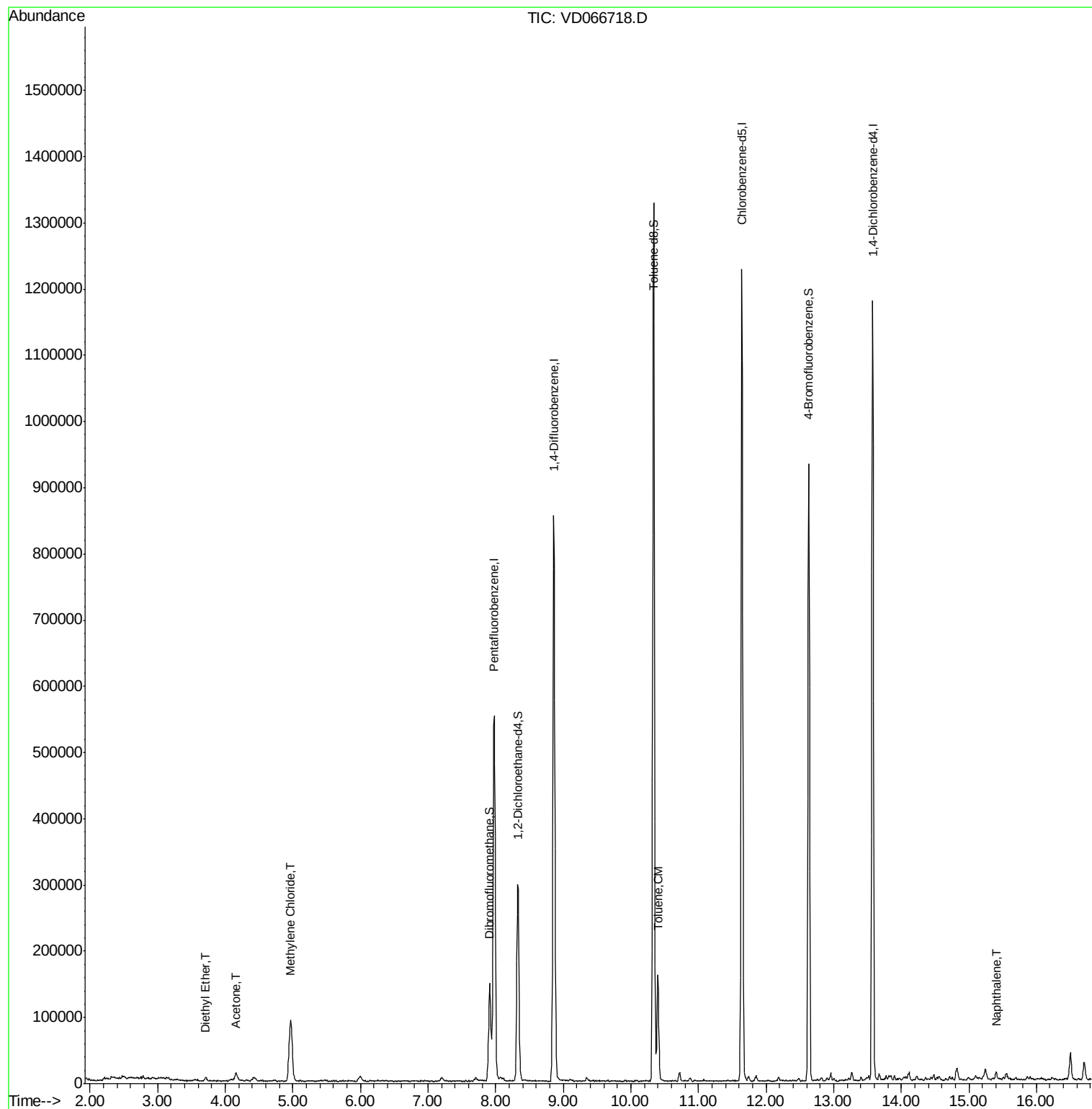
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	377130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	708313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	669369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	244914	60.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.74%	
35) Dibromofluoromethane	7.91	113	101402	23.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.70%	
50) Toluene-d8	10.34	98	865471	55.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.88%	
62) 4-Bromofluorobenzene	12.63	95	295250	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
Target Compounds						
8) Diethyl Ether	3.70	74	2411	1.298	ug/l	91
16) Acetone	4.16	43	21755	26.550	ug/l	96
20) Methylene Chloride	4.97	84	70934	10.252	ug/l	96
52) Toluene	10.40	92	67132	5.319	ug/l	100
95) Naphthalene	15.41	128	10859	1.248	ug/l	99

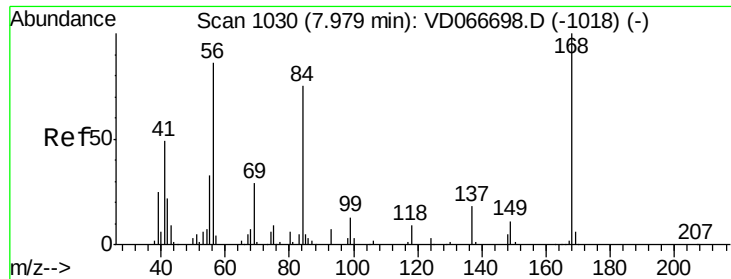
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091620\
Data File : VD066718.D
Acq On : 16 Sep 2020 14:36
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066718.D

Acq: 16 Sep 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

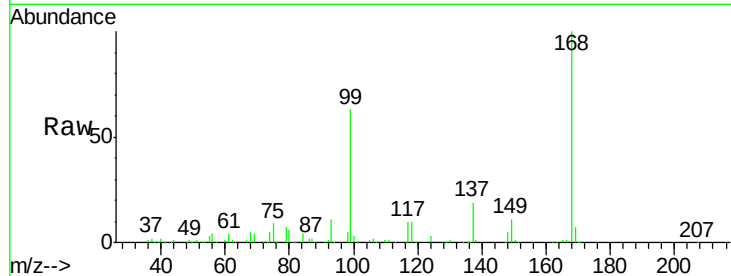
72-11929

Tot Ion:168 Resp: 377130

Ion Ratio Lower Upper

168 100

99 63.0 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

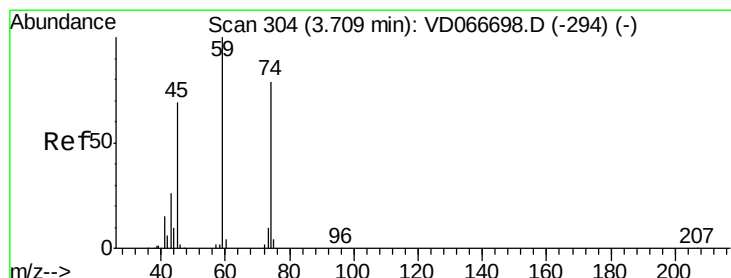
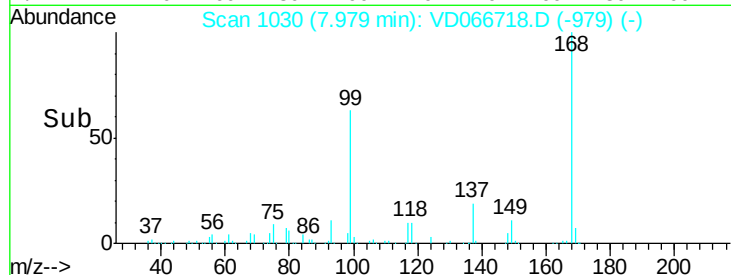
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.298 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066718.D

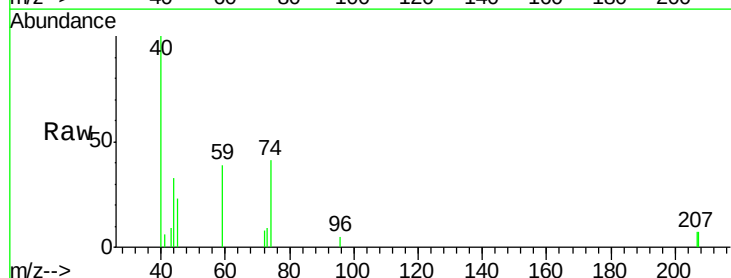
Acq: 16 Sep 2020 14:36

Tgt Ion: 74 Resp: 2411

Ion Ratio Lower Upper

74 100

45 87.3 48.0 144.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

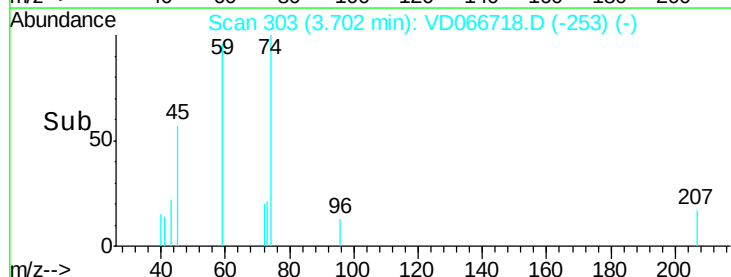
3.70

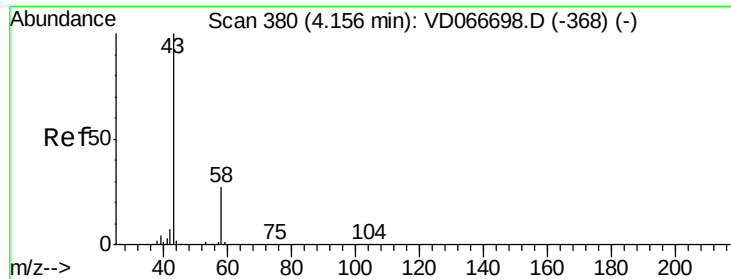
1000

500

0

Time-->





#16

Acetone

Concen: 26.550 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066718.D

Acq: 16 Sep 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

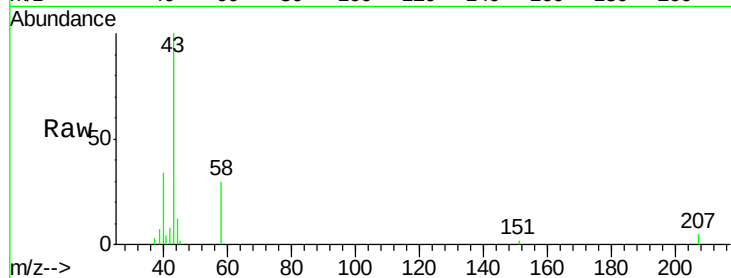
72-11929

Tot Ion: 43 Resp: 21755

Ion Ratio Lower Upper

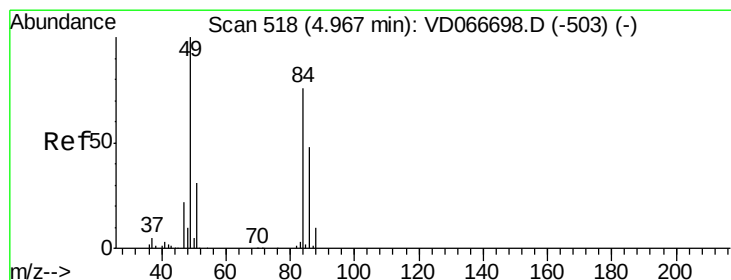
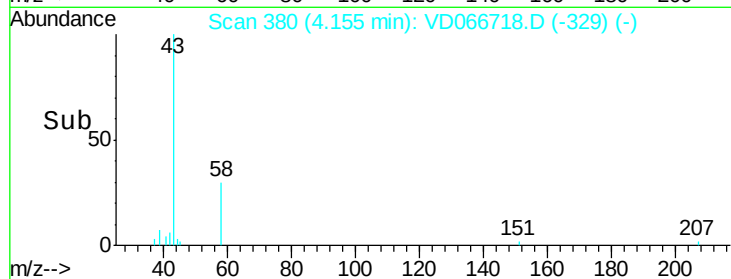
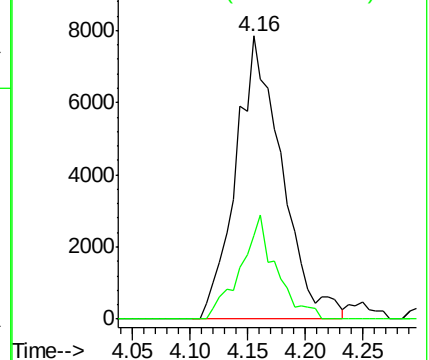
43 100

58 29.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 10.252 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066718.D

Acq: 16 Sep 2020 14:36

Tgt Ion: 84 Resp: 70934

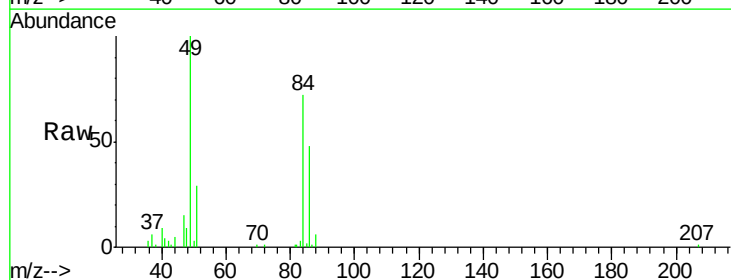
Ion Ratio Lower Upper

84 100

49 138.5 105.0 157.6

51 40.0 32.2 48.4

86 65.8 50.4 75.6

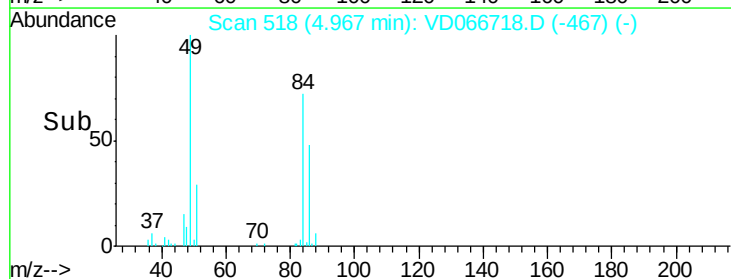
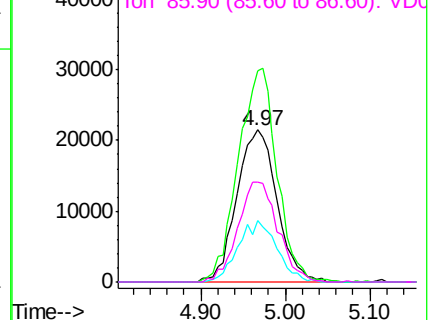


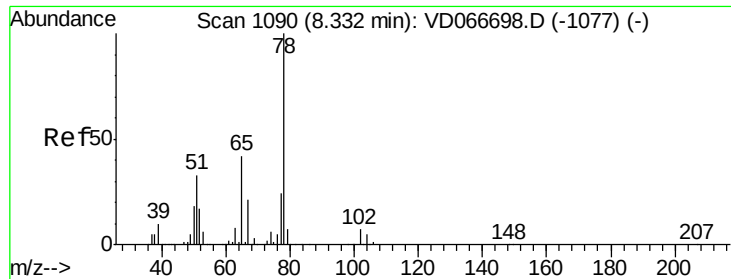
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

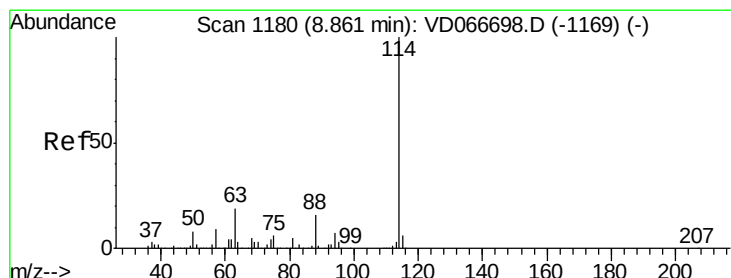
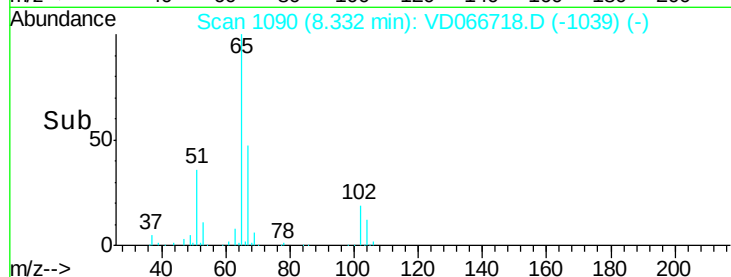
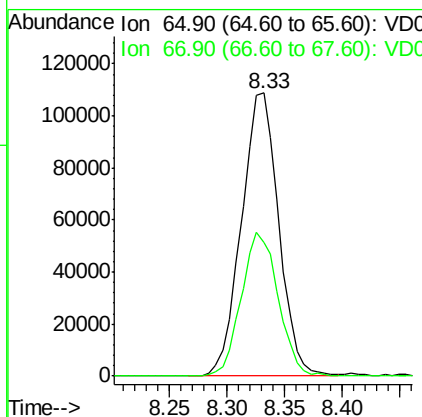
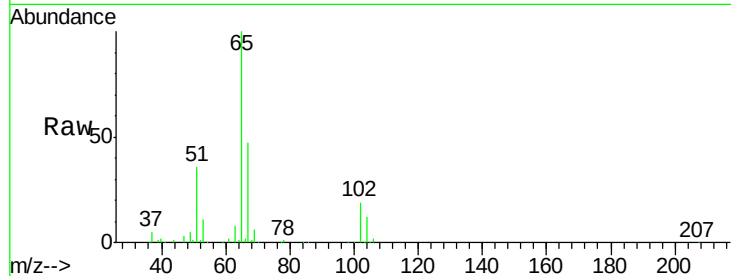




#33
 1,2-Dichloroethane-d4
 Concen: 60.867 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066718.D
 Acq: 16 Sep 2020 14:36

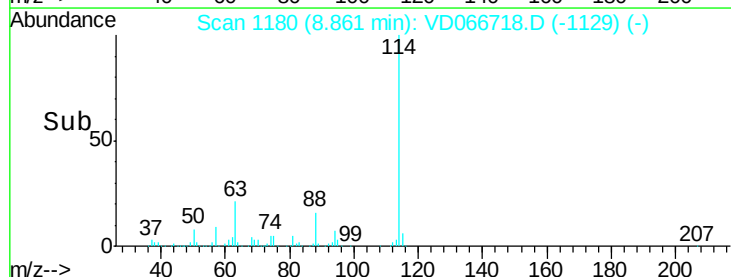
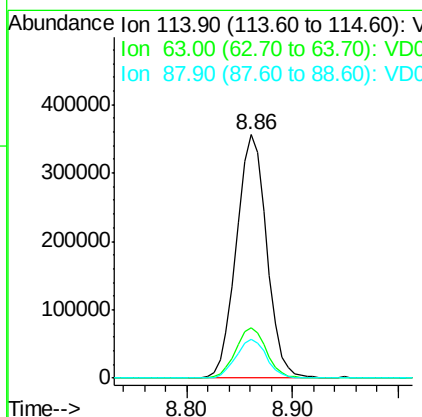
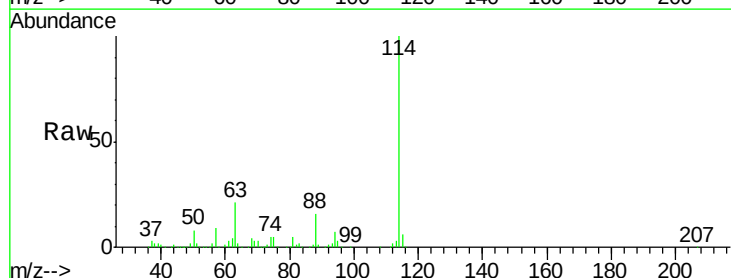
Instrument :
 MSVOA_D
 ClientSampleId :
 72-11929

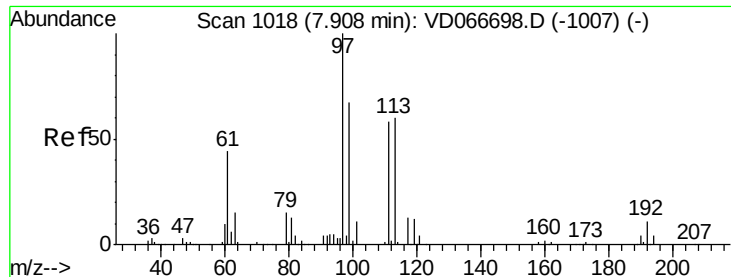
Tot Ion: 65 Resp: 244914
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066718.D
 Acq: 16 Sep 2020 14:36

Tgt Ion: 114 Resp: 708313
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.6
 88 15.8 0.0 32.2

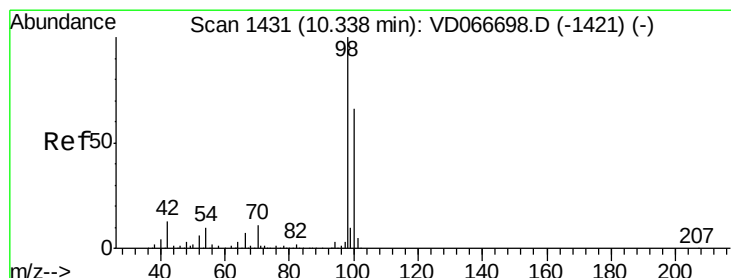
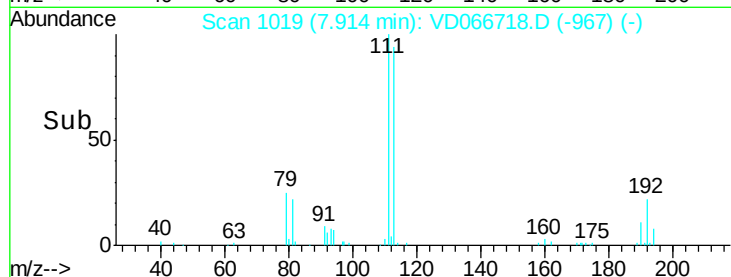
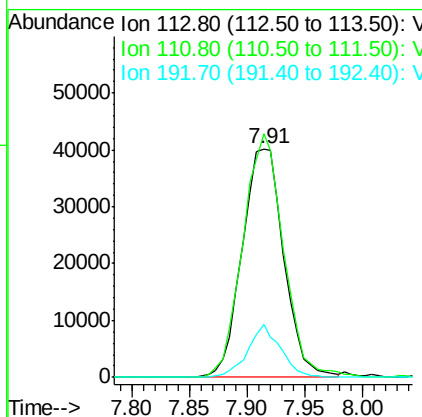
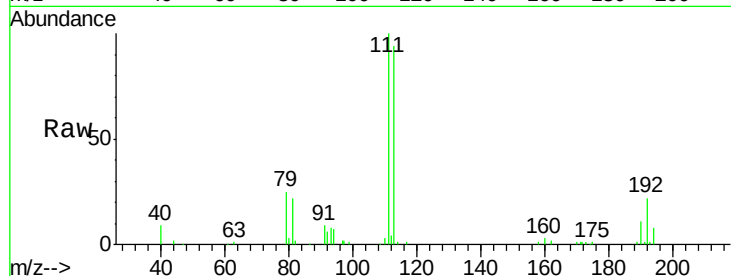




#35
Dibromofluoromethane
Concen: 23.350 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066718.D
Acq: 16 Sep 2020 14:36

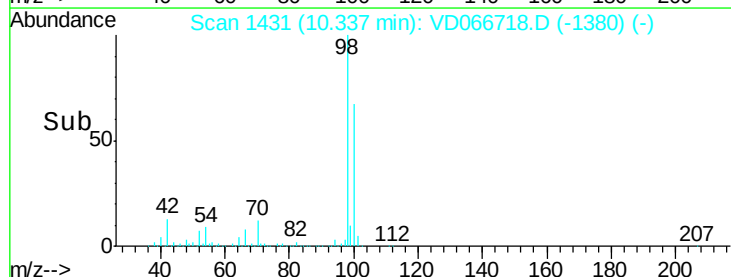
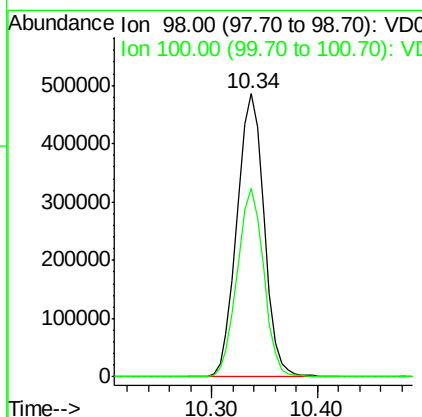
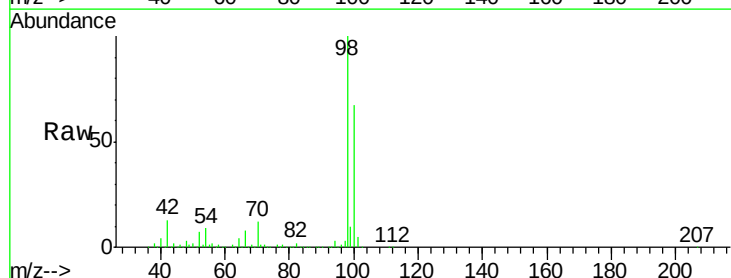
Instrument :
MSVOA_D
ClientSampleId :
72-11929

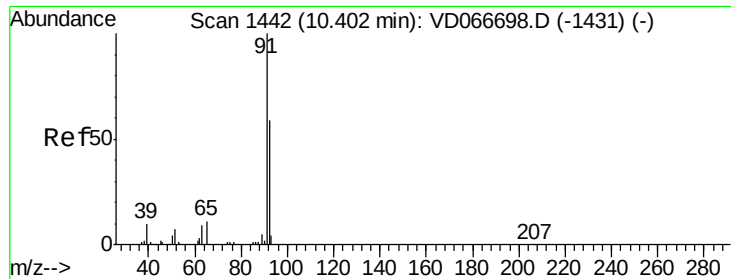
Tot Ion:113 Resp: 101402
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 18.0 14.8 22.2



#50
Toluene-d8
Concen: 55.939 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066718.D
Acq: 16 Sep 2020 14:36

Tgt Ion: 98 Resp: 865471
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





#52

Toluene

Concen: 5.319 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066718.D

Acq: 16 Sep 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

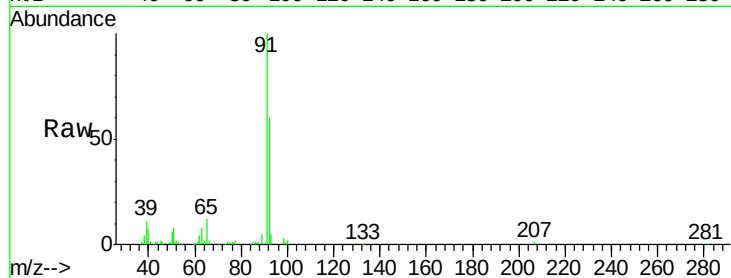
72-11929

Tot Ion: 92 Resp: 67132

Ion Ratio Lower Upper

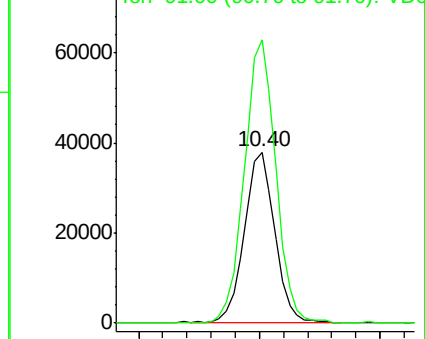
92 100

91 170.4 135.8 203.8

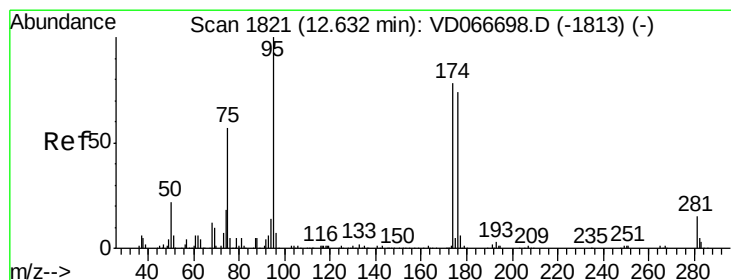
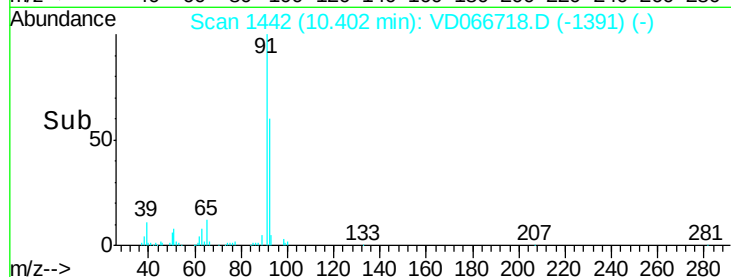


Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 55.283 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066718.D

Acq: 16 Sep 2020 14:36

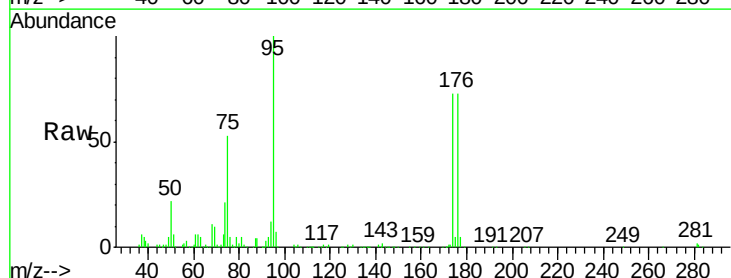
Tgt Ion: 95 Resp: 295250

Ion Ratio Lower Upper

95 100

174 75.2 0.0 156.6

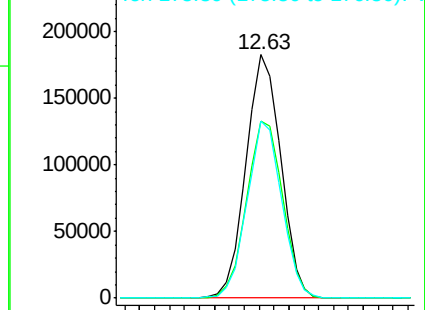
176 72.0 0.0 150.2



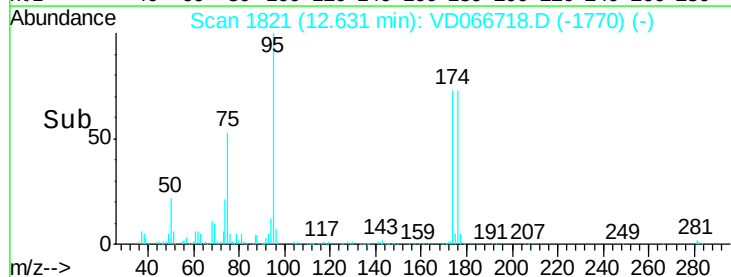
Abundance Ion 94.90 (94.60 to 95.60): VDC

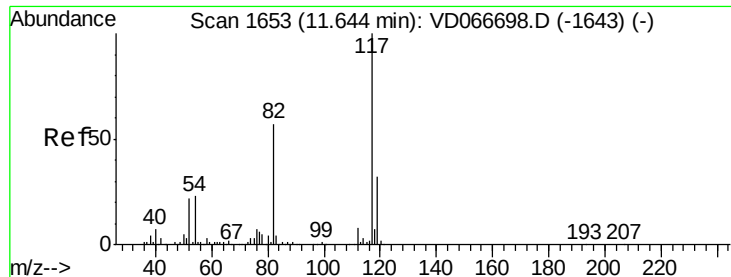
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

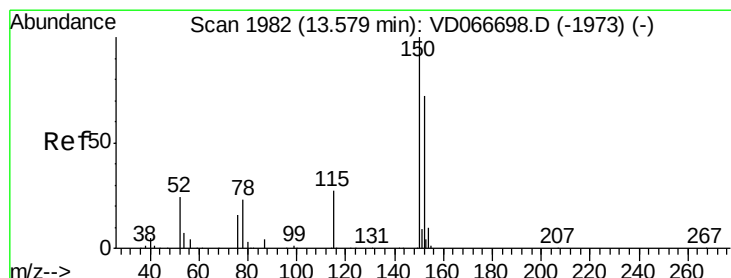
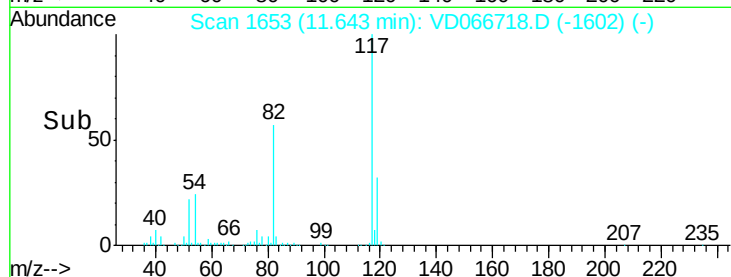
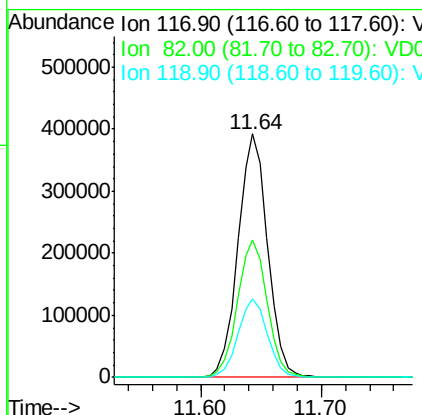
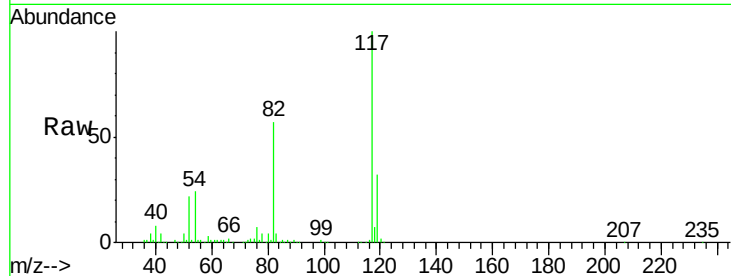




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066718.D
Acq: 16 Sep 2020 14:36

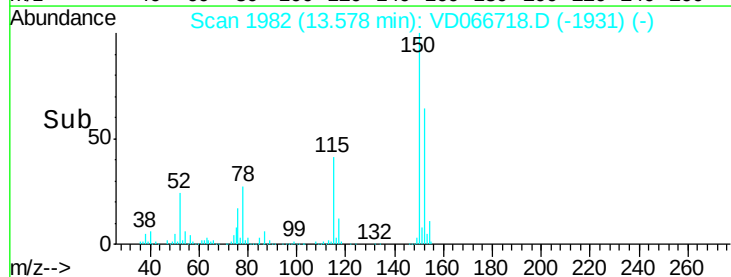
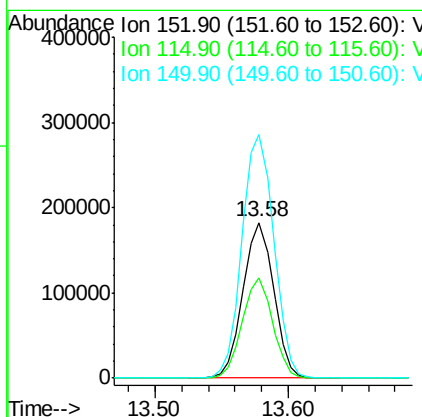
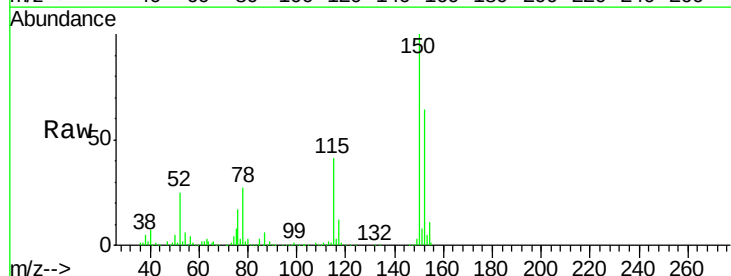
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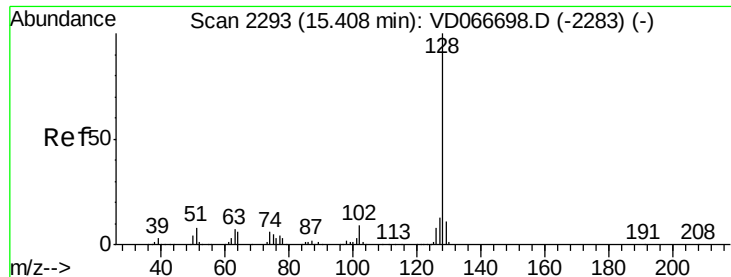
Tot Ion:117 Resp: 669369
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066718.D
Acq: 16 Sep 2020 14:36

Tgt Ion:152 Resp: 291150
Ion Ratio Lower Upper
152 100
115 63.4 30.5 91.5
150 162.0 0.0 344.6

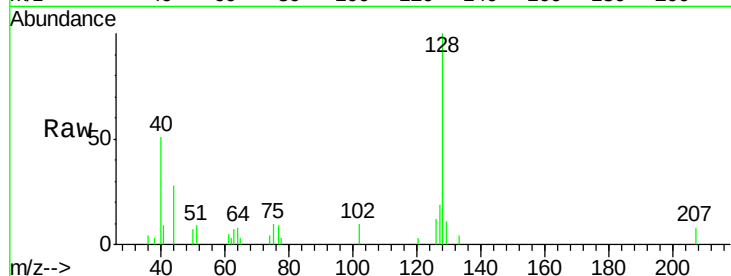




#95
 Naphthalene
 Concen: 1.248 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VD066718.D
 Acq: 16 Sep 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11929

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	9.9	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

