

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066382.D
 Acq On : 24 Aug 2020 15:43
 Operator : VA/SY
 Sample : L3772-01
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 349-346

Quant Time: Aug 25 04:46:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

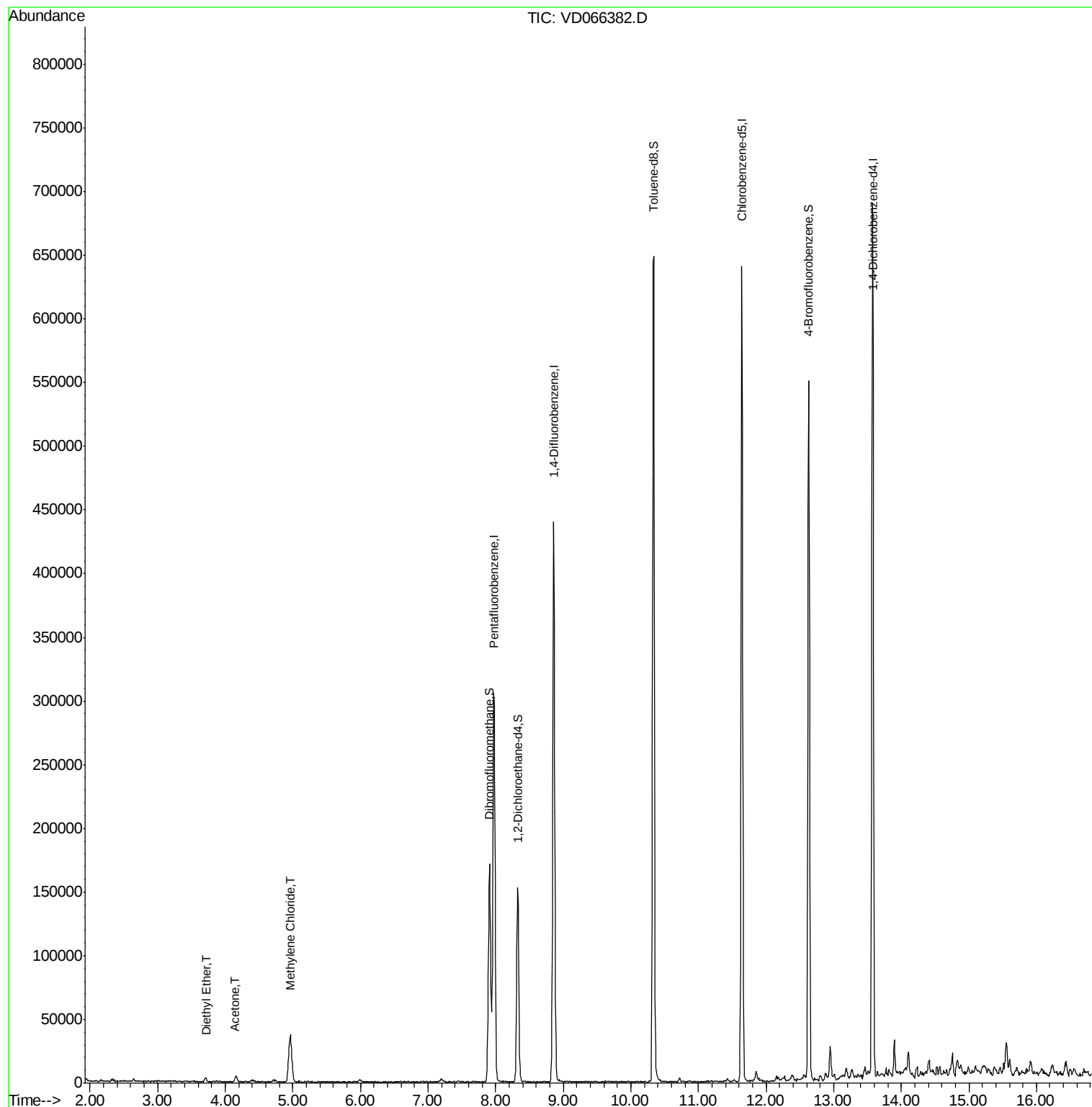
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	237630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	375731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	354982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	185385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	127714	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
35) Dibromofluoromethane	7.91	113	120472	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	10.34	98	443419	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.63	95	162670	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
Target Compounds						
8) Diethyl Ether	3.72	74	1725	1.841	ug/l	76
16) Acetone	4.15	43	8241	19.621	ug/l #	89
20) Methylene Chloride	4.96	84	29160	7.626	ug/l #	93

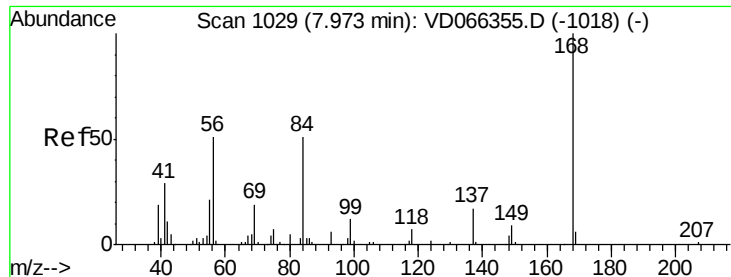
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
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: VD066382.D

Acq: 24 Aug 2020 15:43

Instrument :

MSVOA_D

ClientSampleId :

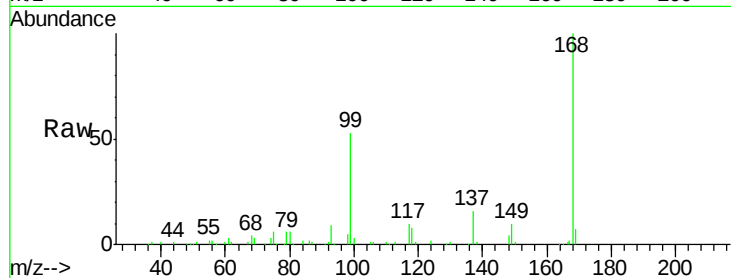
349-346

Tot Ion:168 Resp: 237630

Ion Ratio Lower Upper

168 100

99 52.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

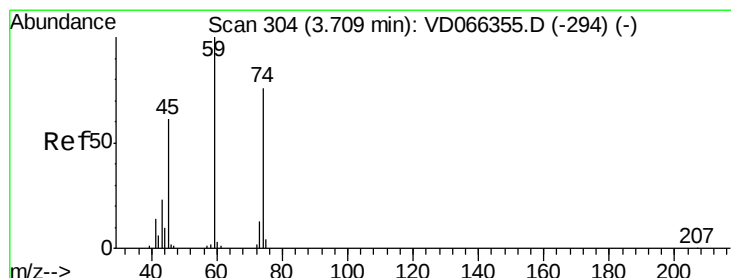
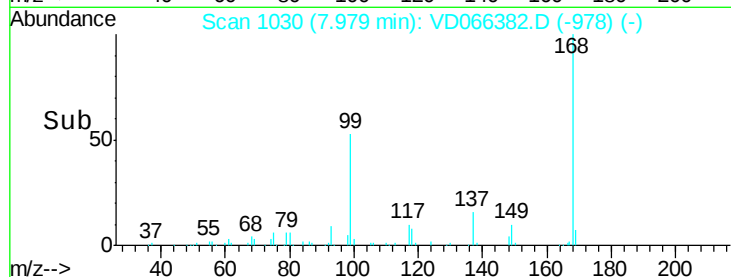
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.841 ug/l

RT: 3.72 min Scan# 306

Delta R.T. 0.01 min

Lab File: VD066382.D

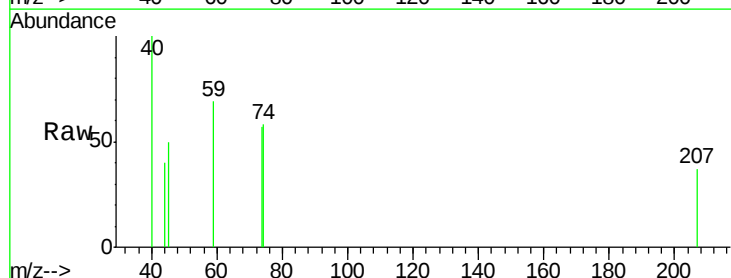
Acq: 24 Aug 2020 15:43

Tgt Ion: 74 Resp: 1725

Ion Ratio Lower Upper

74 100

45 63.4 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.72

800

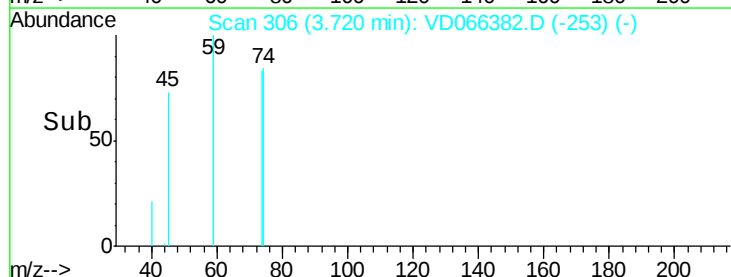
600

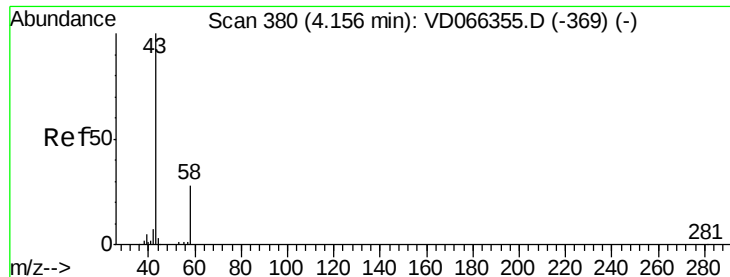
400

200

0

Time-->





#16

Acetone

Concen: 19.621 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066382.D

Acq: 24 Aug 2020 15:43

Instrument :

MSVOA_D

ClientSampleId :

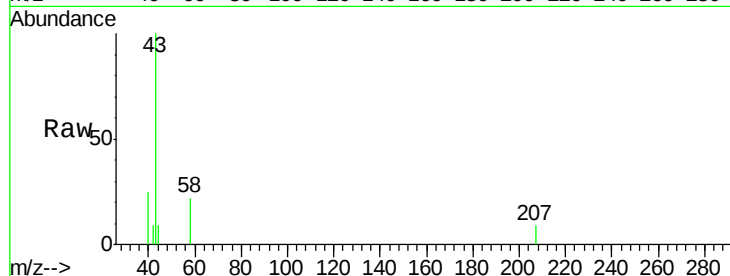
349-346

Tot Ion: 43 Resp: 8241

Ion Ratio Lower Upper

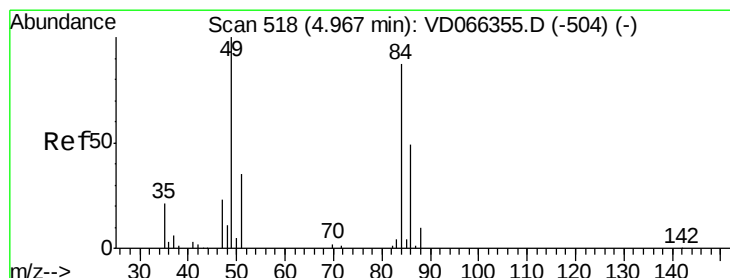
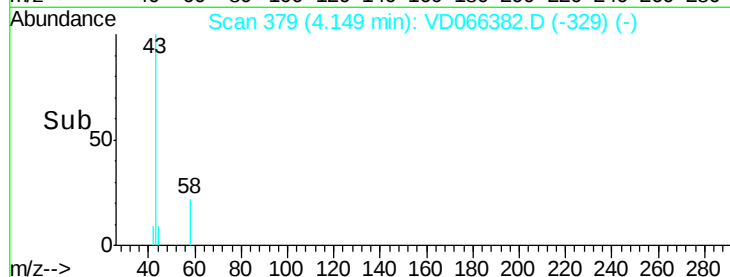
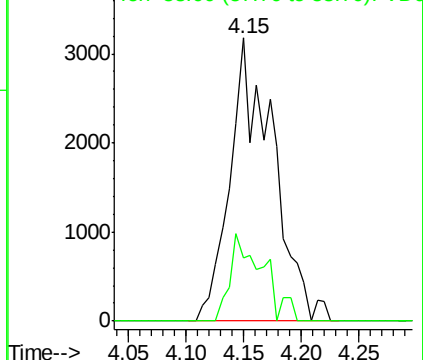
43 100

58 22.5 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 7.626 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066382.D

Acq: 24 Aug 2020 15:43

Tgt Ion: 84 Resp: 29160

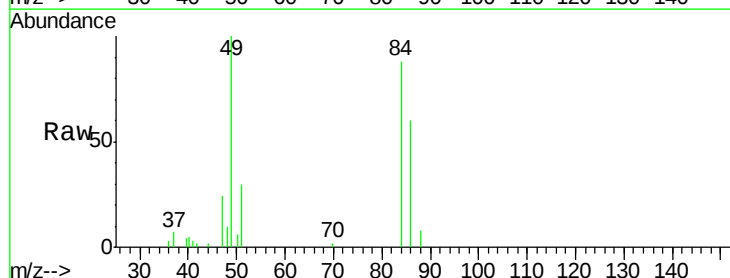
Ion Ratio Lower Upper

84 100

49 114.0 92.5 138.7

51 34.3 32.5 48.7

86 68.7 45.0 67.6#

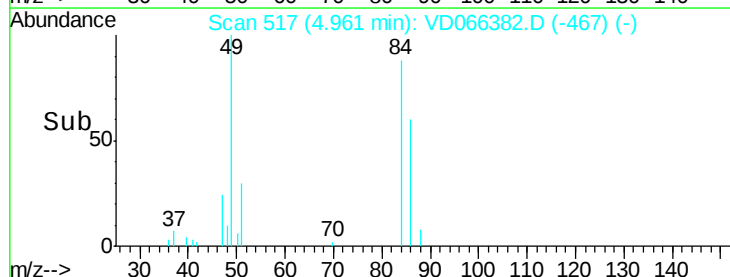
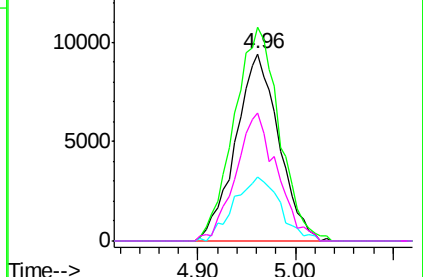


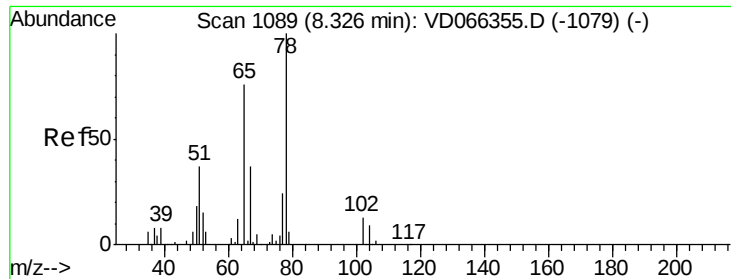
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

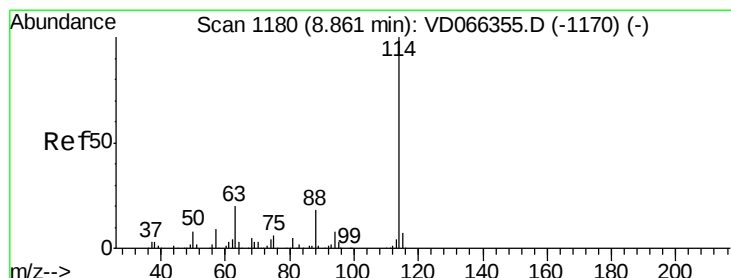
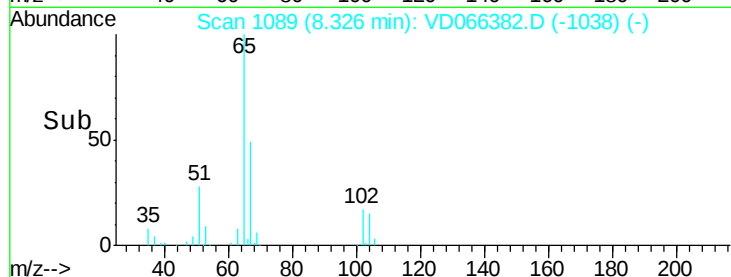
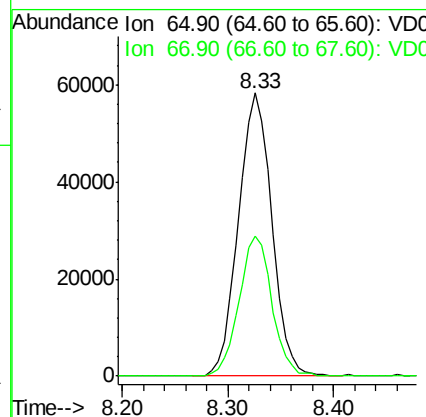
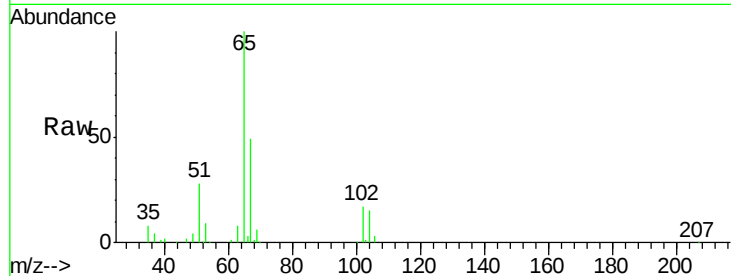




#33
 1,2-Dichloroethane-d4
 Concen: 54.820 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066382.D
 Acq: 24 Aug 2020 15:43

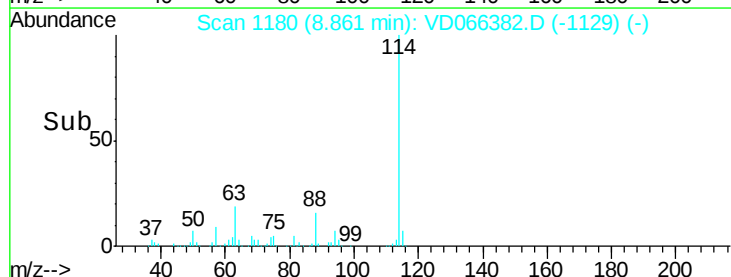
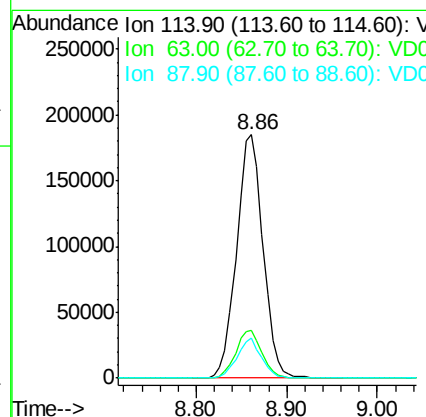
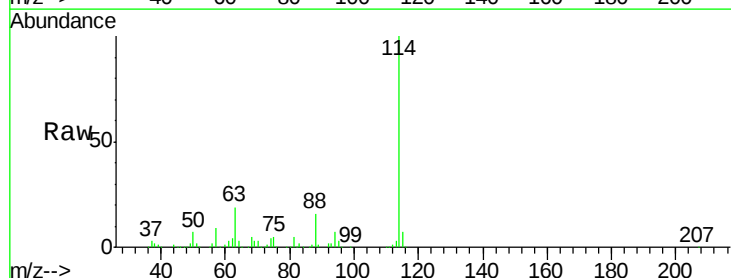
Instrument :
 MSVOA_D
 ClientSampleId :
 349-346

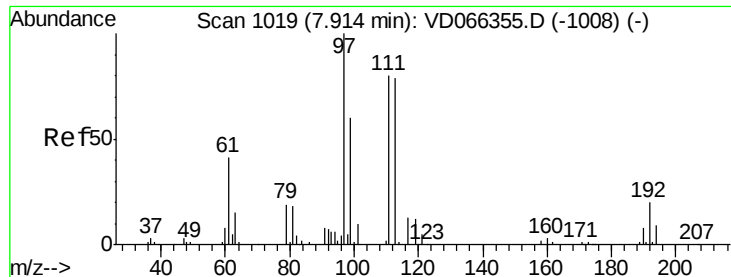
Tot Ion: 65 Resp: 127714
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066382.D
 Acq: 24 Aug 2020 15:43

Tgt Ion: 114 Resp: 375731
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 16.4 0.0 35.4

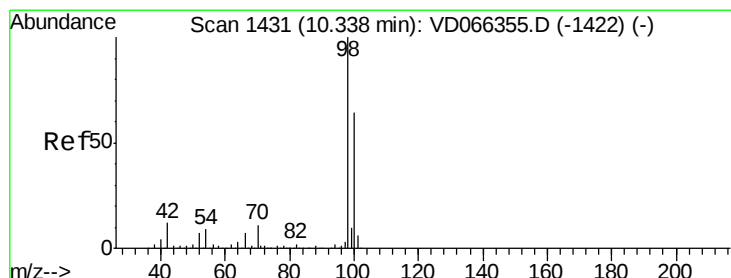
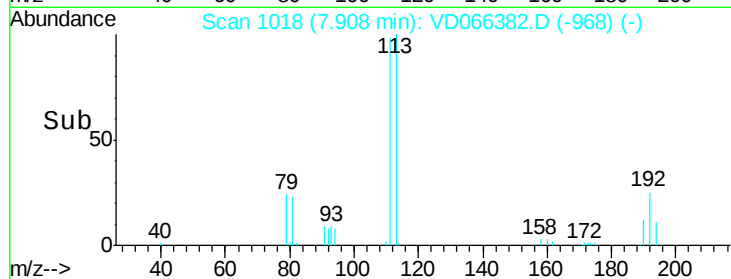
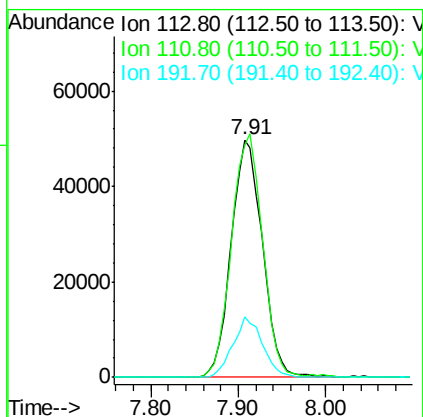
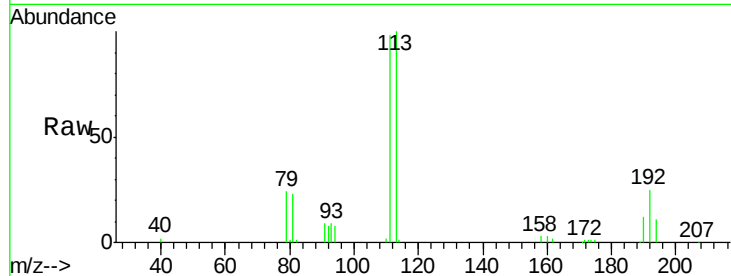




#35
 Dibromofluoromethane
 Concen: 51.276 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066382.D
 Acq: 24 Aug 2020 15:43

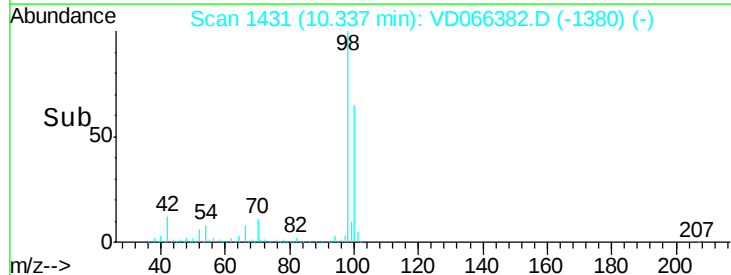
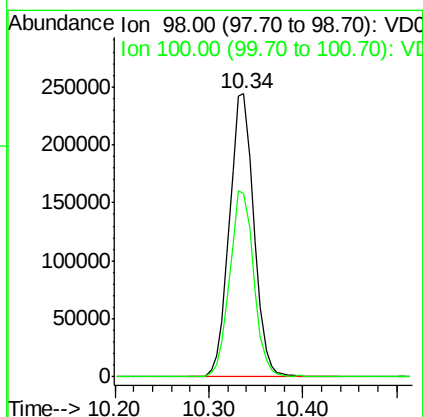
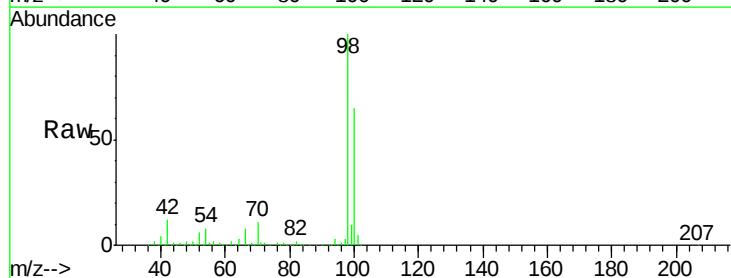
Instrument :
 MSVOA_D
 ClientSampleId :
 349-346

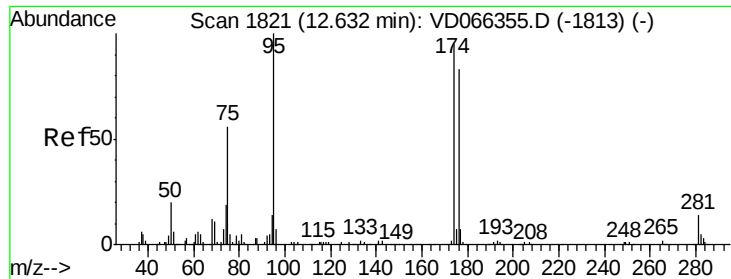
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.3	120.5
192	23.8	19.0	28.6



#50
 Toluene-d8
 Concen: 51.582 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066382.D
 Acq: 24 Aug 2020 15:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.0	79.4





#62

4-Bromofluorobenzene

Concen: 53.328 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066382.D

Acq: 24 Aug 2020 15:43

Instrument :

MSVOA_D

ClientSampleId :

349-346

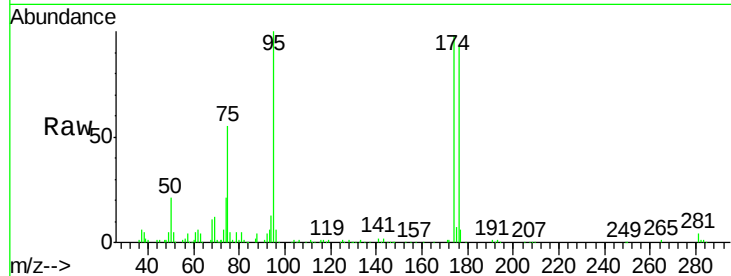
Tot Ion: 95 Resp: 162670

Ion Ratio Lower Upper

95 100

174 95.1 0.0 183.4

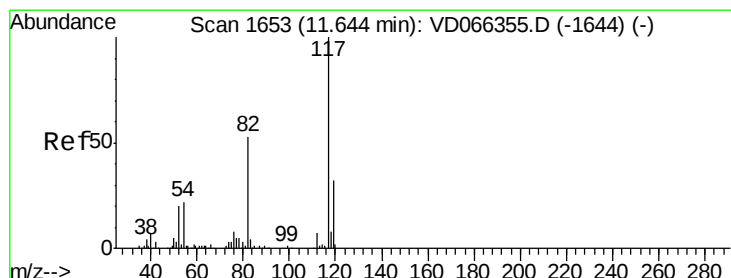
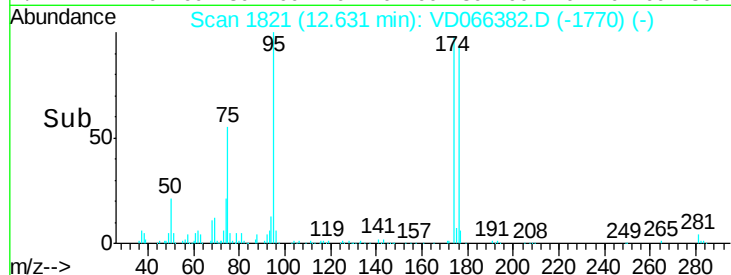
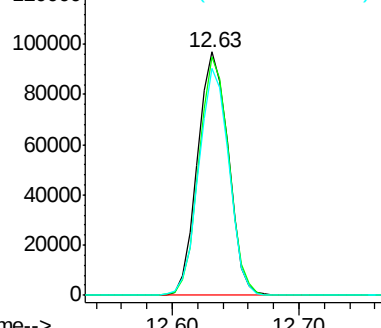
176 91.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): V

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: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066382.D

Acq: 24 Aug 2020 15:43

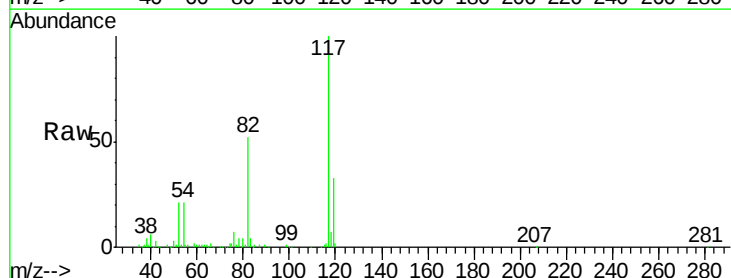
Tgt Ion: 117 Resp: 354982

Ion Ratio Lower Upper

117 100

82 52.3 42.8 64.2

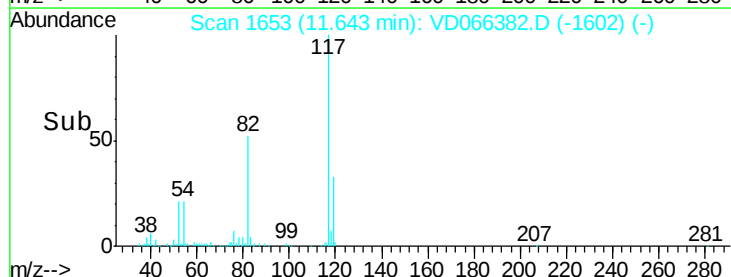
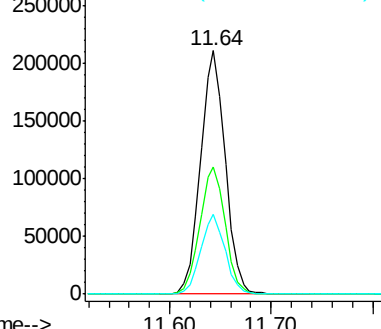
119 32.8 25.8 38.8

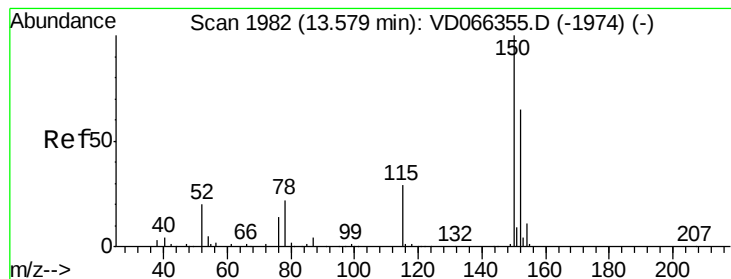


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066382.D

Acq: 24 Aug 2020 15:43

Instrument :

MSVOA_D

ClientSampleId :

349-346

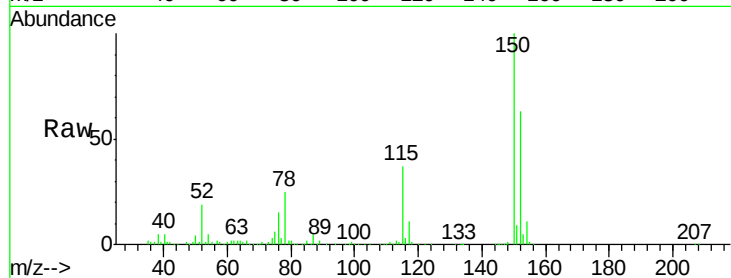
Tot Ion:152 Resp: 185385

Ion Ratio Lower Upper

152 100

115 57.3 28.3 85.0

150 156.4 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

