

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066140.D
 Acq On : 06 Aug 2020 17:49
 Operator : VA/SY
 Sample : L3555-01
 Misc : 6.32G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-23729

Quant Time: Aug 07 02:25:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

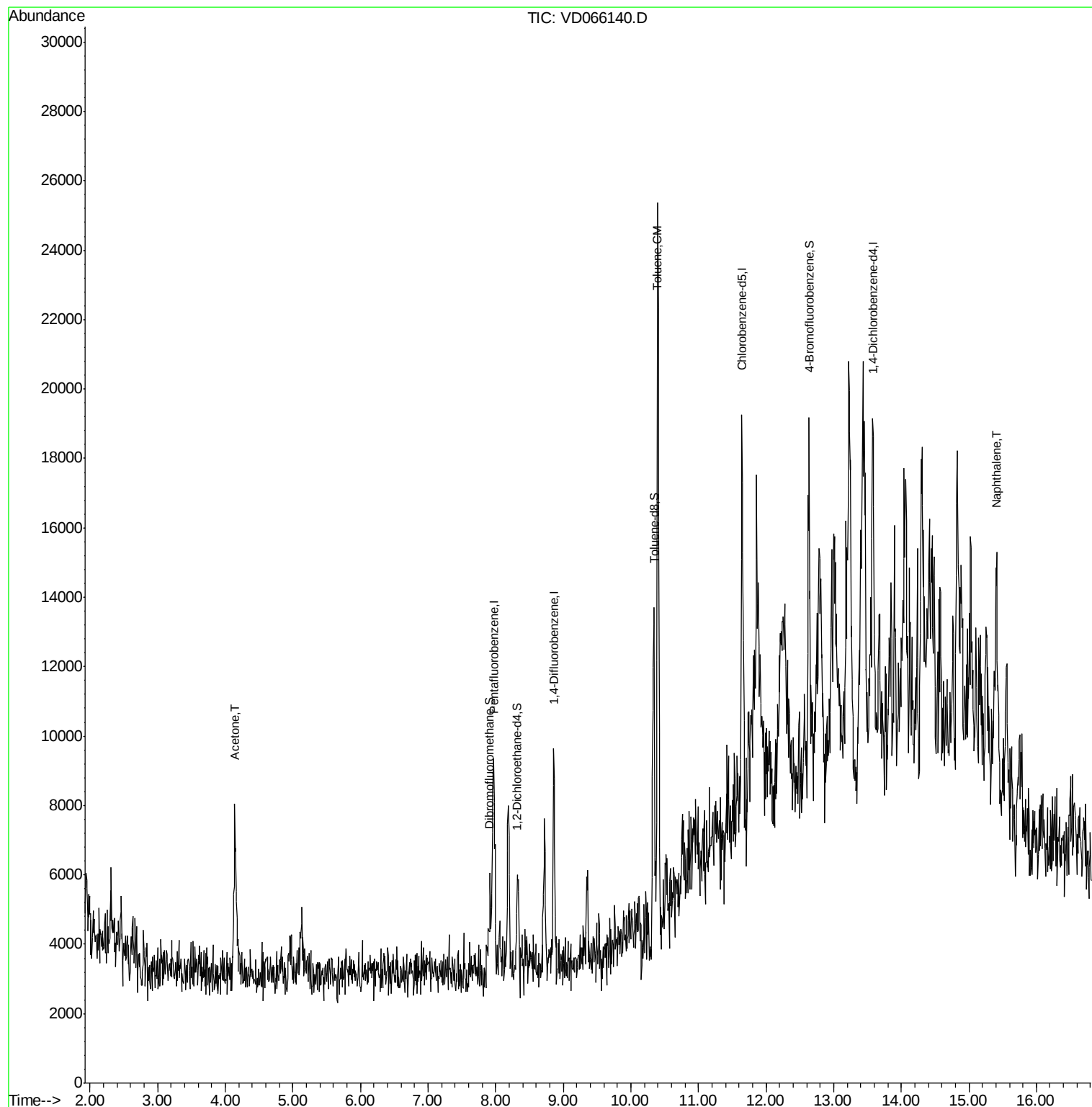
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	3427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	5369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	6191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	1803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	2328	76.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.28%	
35) Dibromofluoromethane	7.91	113	1777	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
50) Toluene-d8	10.34	98	6139	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.64	95	3223	71.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.48%	
Target Compounds						
16) Acetone	4.14	43	7332	1263.877	ug/l #	84
52) Toluene	10.40	92	8908	96.726	ug/l	96
95) Naphthalene	15.41	128	7372	119.220	ug/l #	90

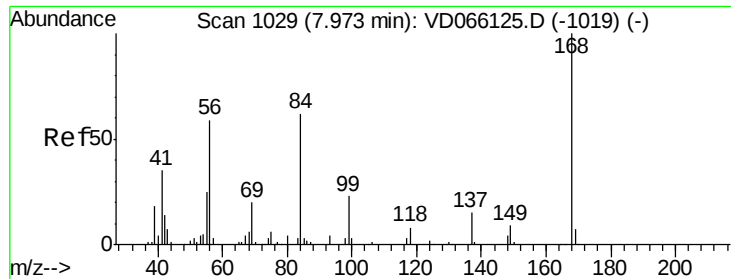
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080620\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 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: VD066140.D

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Instrument :

MSVOA_D

ClientSampleId :

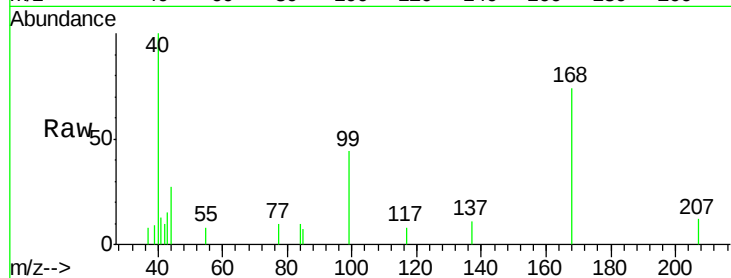
N-23729

Tot Ion:168 Resp: 3427

Ion Ratio Lower Upper

168 100

99 59.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

1500

1000

500

0

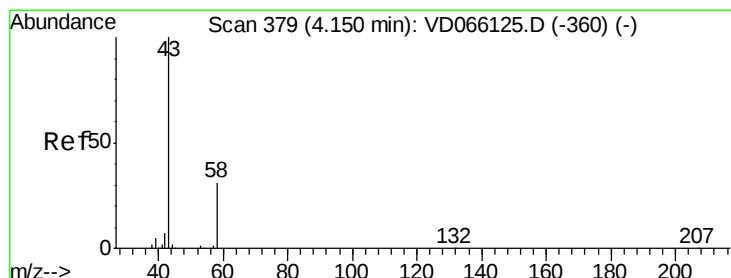
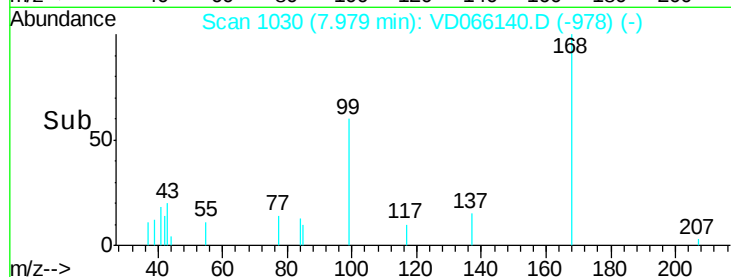
Time-->

7.90

7.95

8.00

8.05



#16

Acetone

Concen: 1263.877 ug/l

RT: 4.14 min Scan# 378

Delta R.T. -0.01 min

Lab File: VD066140.D

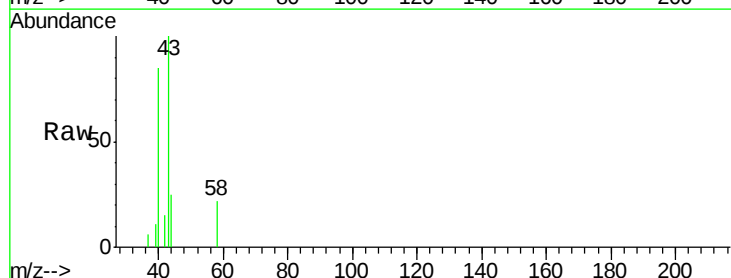
Acq: 06 Aug 2020 17:49

Tgt Ion: 43 Resp: 7332

Ion Ratio Lower Upper

43 100

58 22.3 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.14

3000

2500

2000

1500

1000

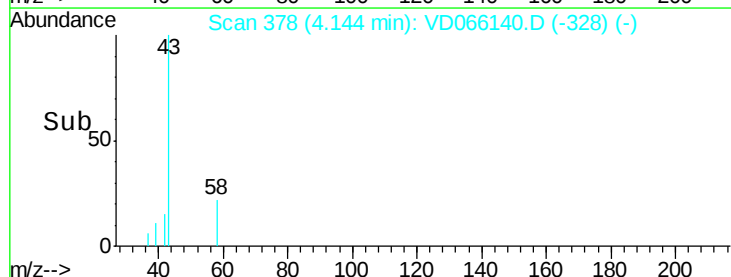
500

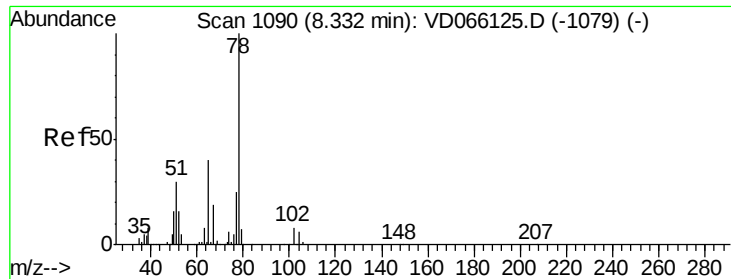
0

Time-->

4.10

4.20





#33

1,2-Dichloroethane-d4

Concen: 76.143 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066140.D

Acq: 06 Aug 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

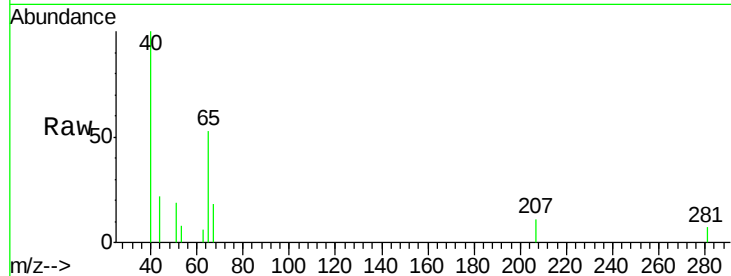
N-23729

Tot Ion: 65 Resp: 2328

Ion Ratio Lower Upper

65 100

67 44.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

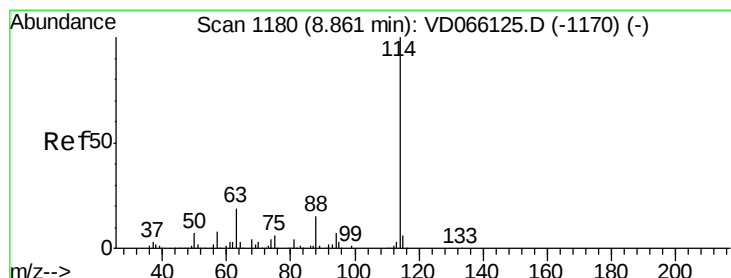
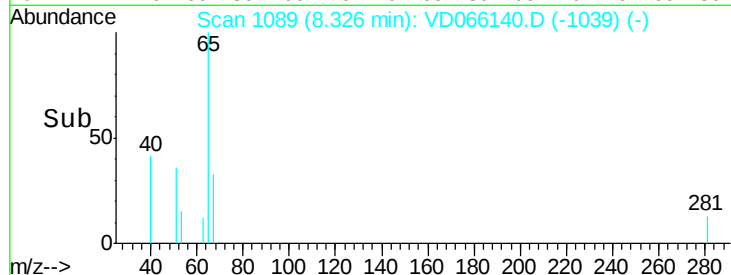
1500

1000

500

0

Time--> 8.25 8.30 8.35



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066140.D

Acq: 06 Aug 2020 17:49

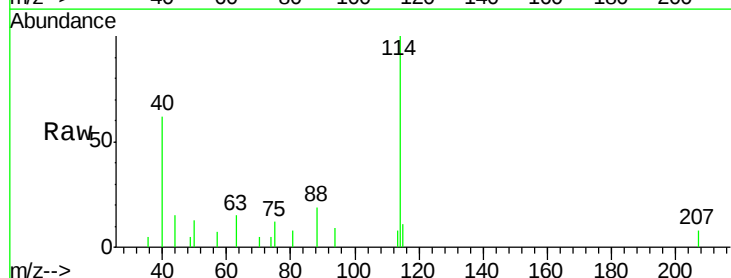
Tgt Ion: 114 Resp: 5369

Ion Ratio Lower Upper

114 100

63 14.7 0.0 38.6

88 18.7 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

4000

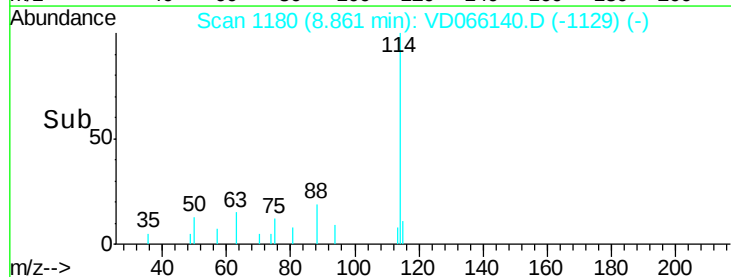
3000

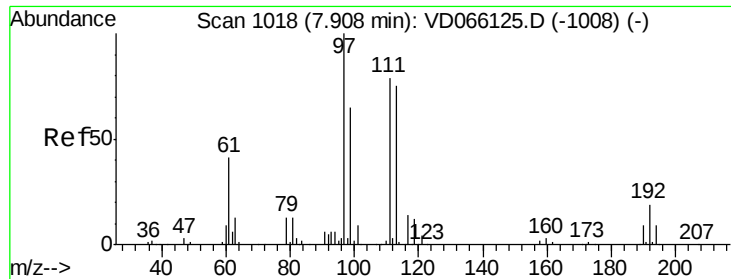
2000

1000

0

Time--> 8.80 8.85 8.90

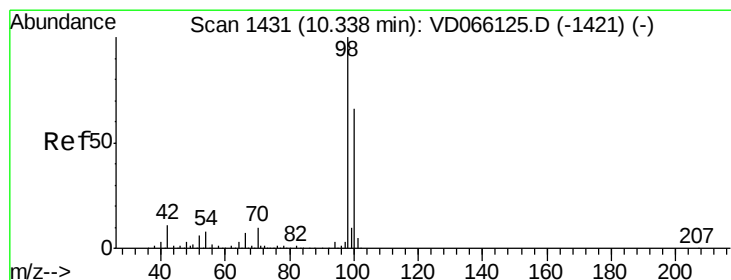
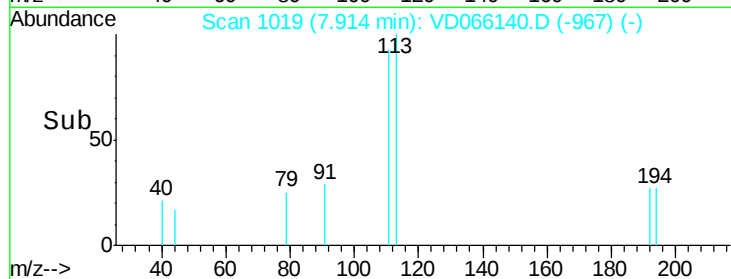
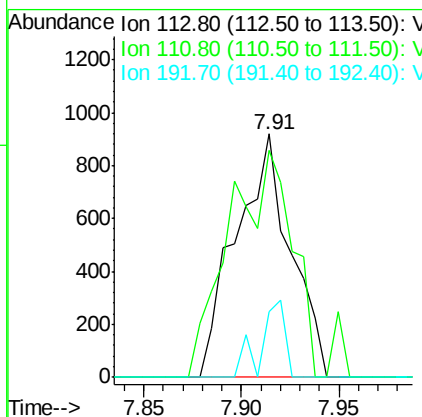
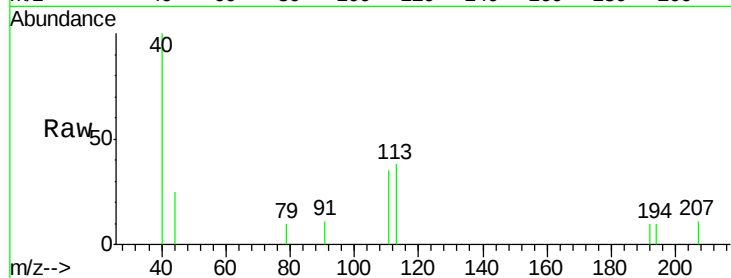




#35
 Dibromofluoromethane
 Concen: 52.246 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066140.D
 Acq: 06 Aug 2020 17:49

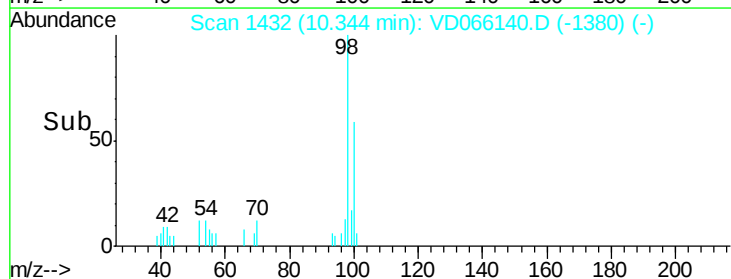
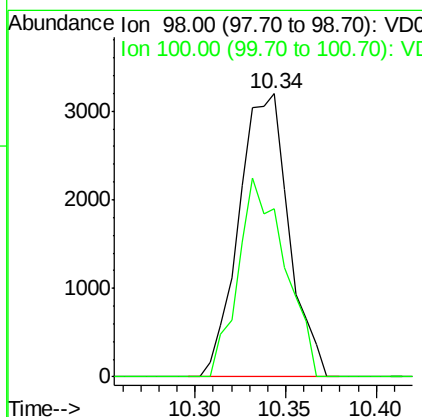
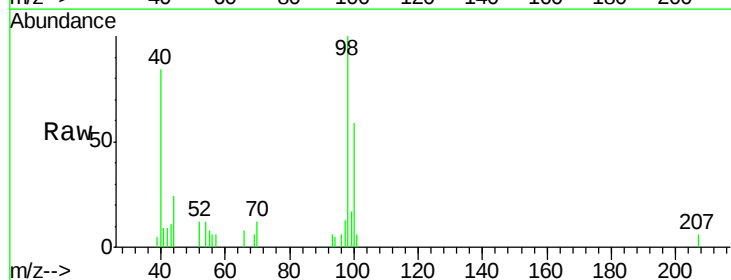
Instrument :
 MSVOA_D
 ClientSampleId :
 N-23729

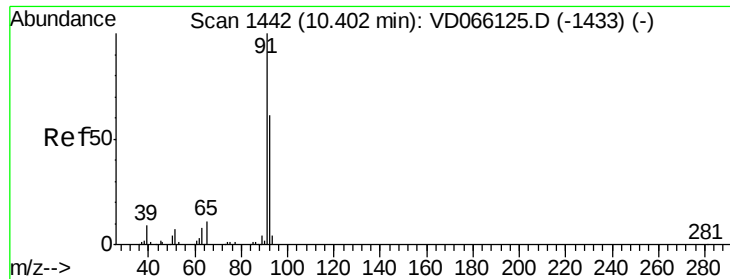
Tot Ion:113 Resp: 1777
 Ion Ratio Lower Upper
 113 100
 111 108.0 80.7 121.1
 192 13.9 18.4 27.6#



#50
 Toluene-d8
 Concen: 48.911 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD066140.D
 Acq: 06 Aug 2020 17:49

Tgt Ion: 98 Resp: 6139
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.6 78.8





#52

Toluene

Concen: 96.726 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066140.D

Acq: 06 Aug 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

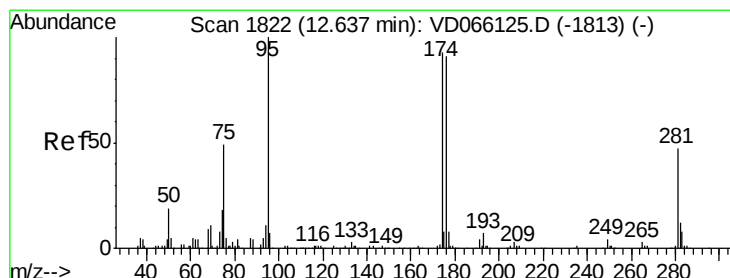
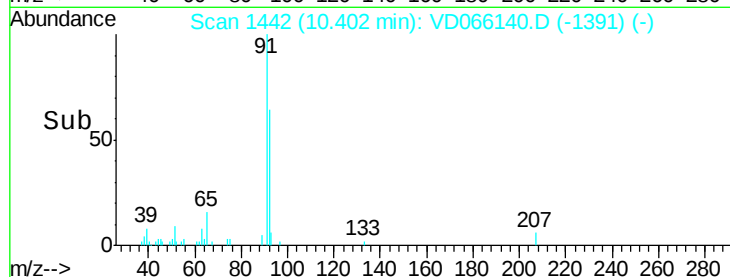
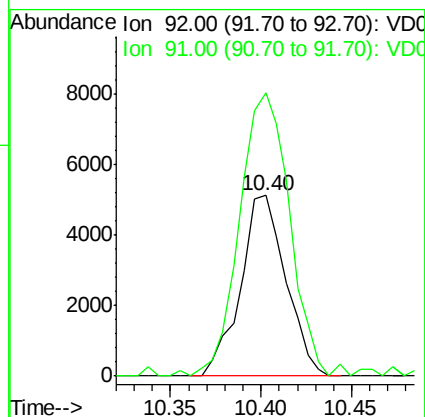
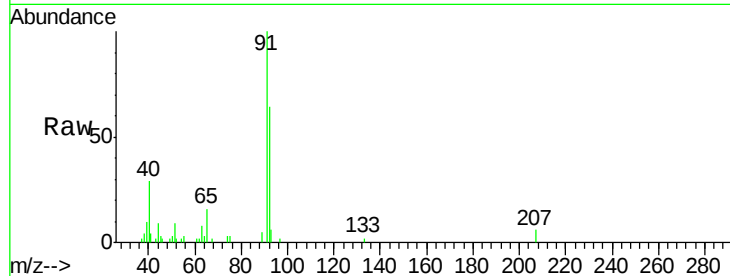
N-23729

Tot Ion: 92 Resp: 8908

Ion Ratio Lower Upper

92 100

91 174.2 135.2 202.8



#62

4-Bromofluorobenzene

Concen: 71.238 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066140.D

Acq: 06 Aug 2020 17:49

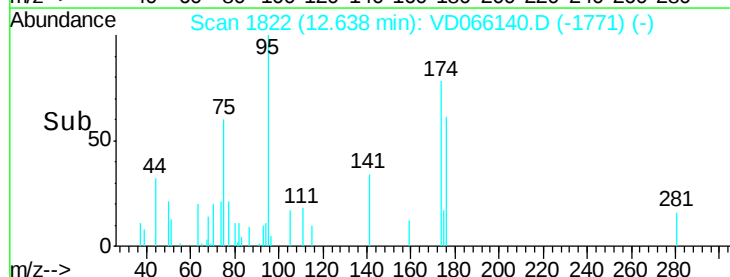
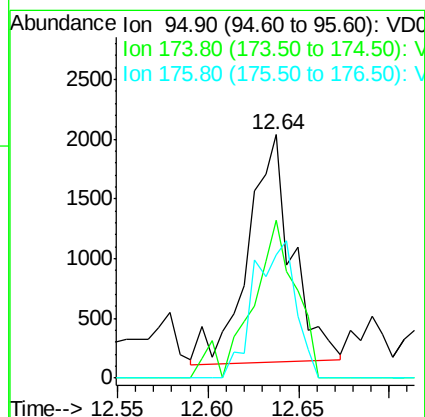
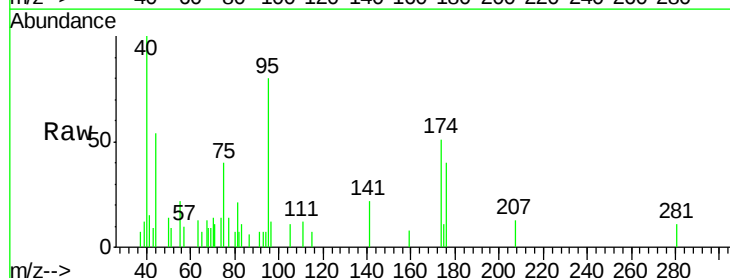
Tgt Ion: 95 Resp: 3223

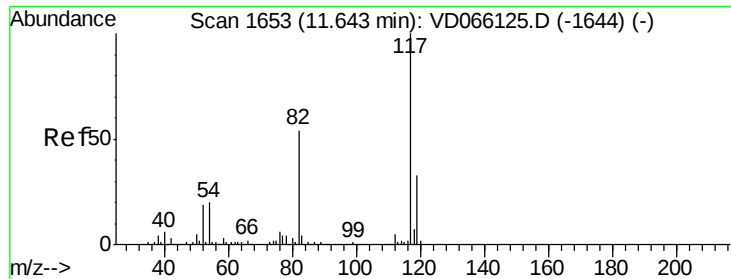
Ion Ratio Lower Upper

95 100

174 64.2 0.0 180.8

176 56.7 0.0 181.2

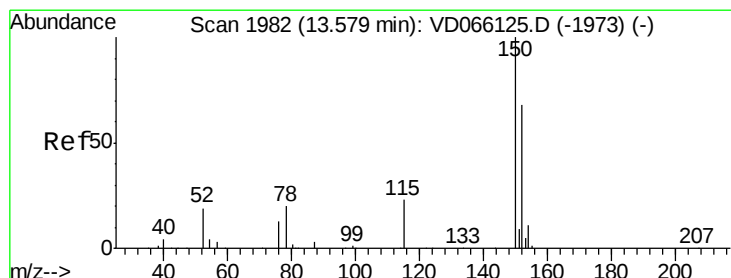
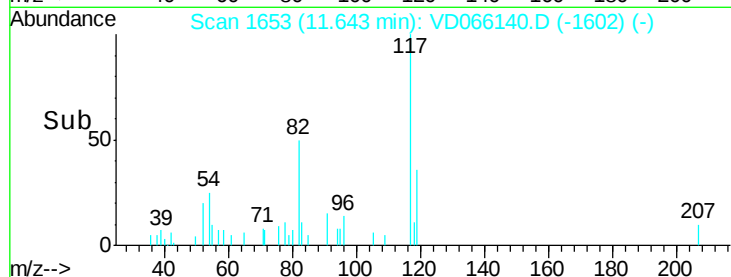
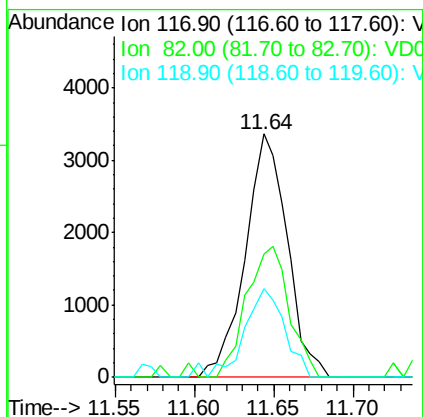
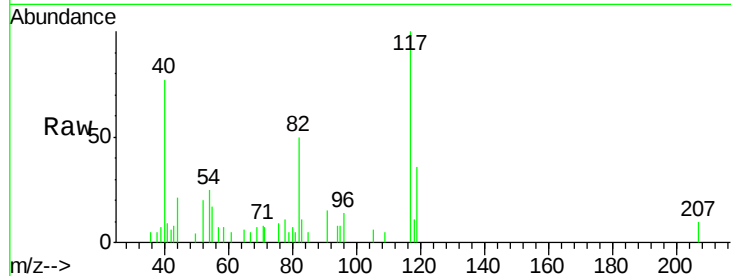




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066140.D
Acq: 06 Aug 2020 17:49

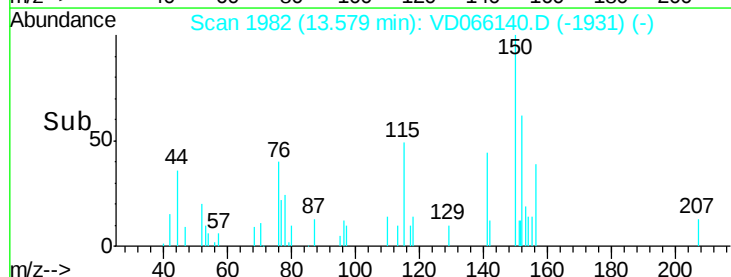
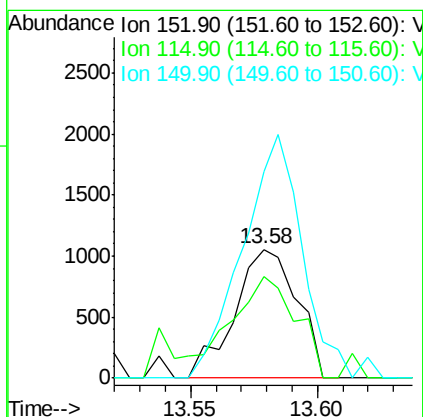
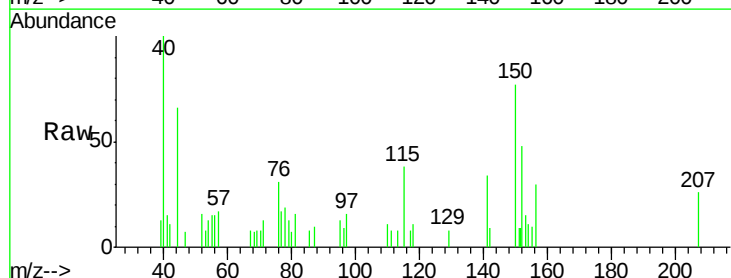
Instrument :
MSVOA_D
ClientSampleId :
N-23729

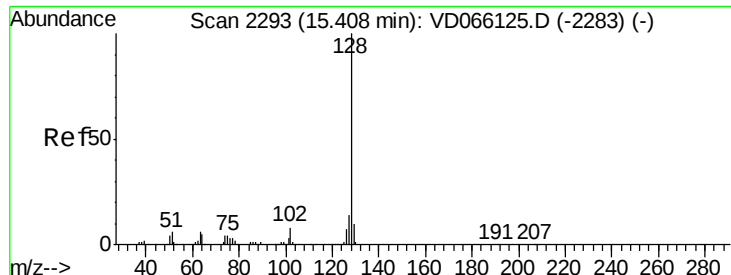
Tot Ion:117 Resp: 6191
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 36.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066140.D
Acq: 06 Aug 2020 17:49

Tgt Ion:152 Resp: 1803
Ion Ratio Lower Upper
152 100
115 82.1 28.0 83.9
150 183.3 0.0 346.4





#95

Naphthalene

Concen: 119.220 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066140.D

Acq: 06 Aug 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

N-23729

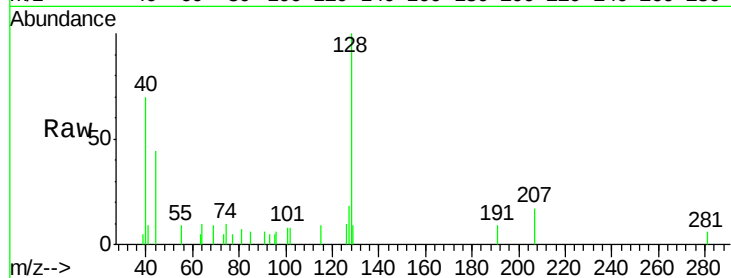
Tot Ion:128 Resp: 7372

Ion Ratio Lower Upper

128 100

127 17.3 11.0 16.4#

129 15.7 8.8 13.2#



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

