

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092320\
 Data File : VD066833.D
 Acq On : 23 Sep 2020 14:33
 Operator : VA/SY
 Sample : L4112-01
 Misc : 6.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KTS-SB-02-31-32

Quant Time: Sep 23 16:14:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

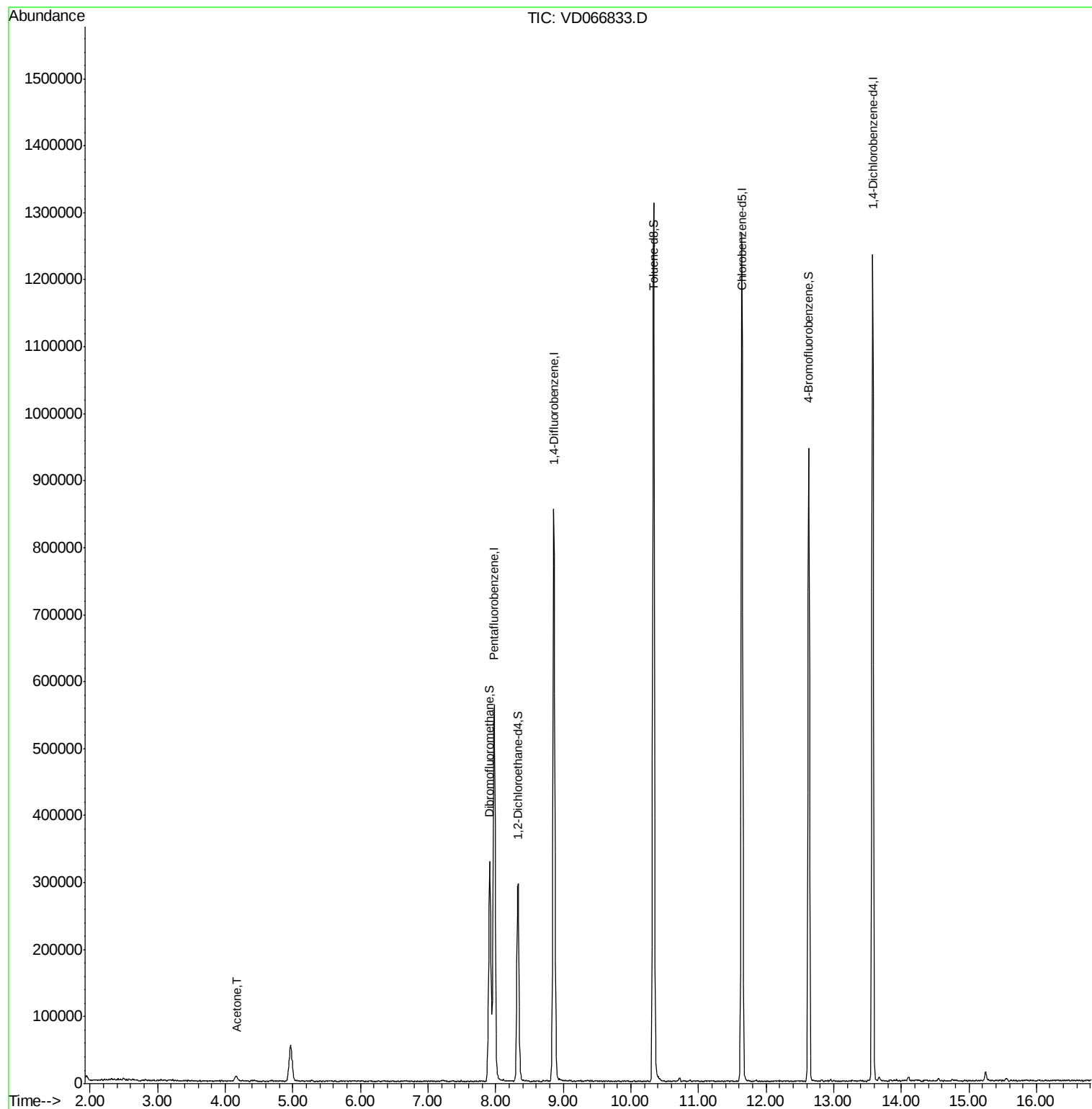
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	405286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	732103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	731665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	237376	59.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.68%	
35) Dibromofluoromethane	7.91	113	234482	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	10.34	98	883875	55.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.40%	
62) 4-Bromofluorobenzene	12.63	95	300729	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
Target Compounds						
16) Acetone	4.16	43	14241	16.924	ug/l	Qvalue 100

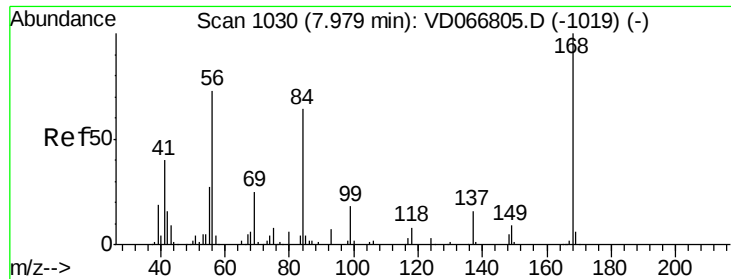
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

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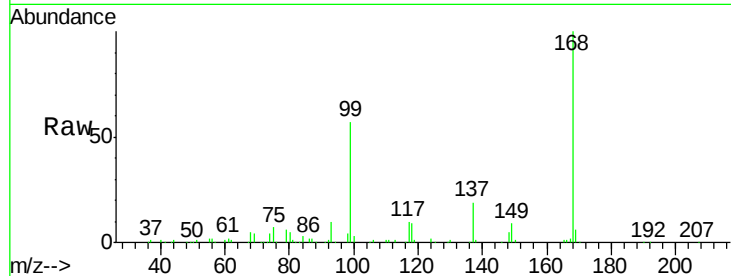
KTS-SB-02-31-32

Tot Ion:168 Resp: 405286

Ion Ratio Lower Upper

168 100

99 57.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

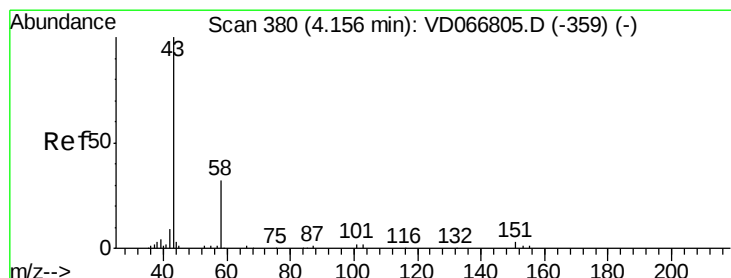
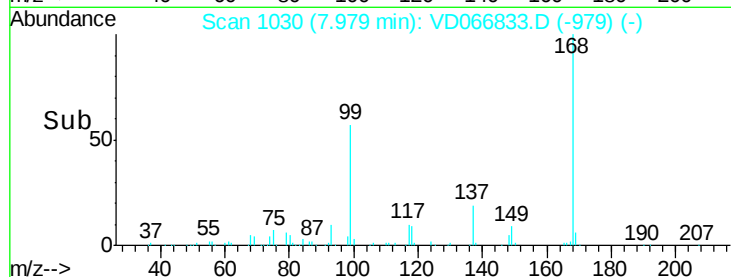
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.924 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066833.D

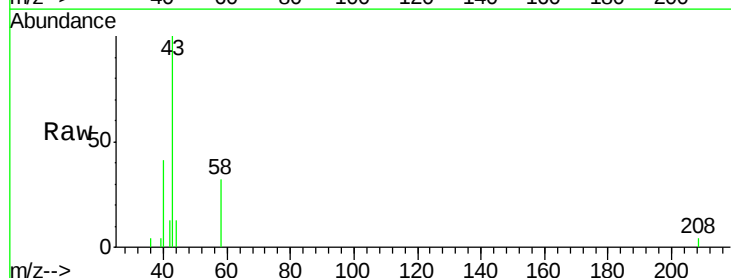
Acq: 23 Sep 2020 14:33

Tgt Ion: 43 Resp: 14241

Ion Ratio Lower Upper

43 100

58 32.1 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

6000

5000

4000

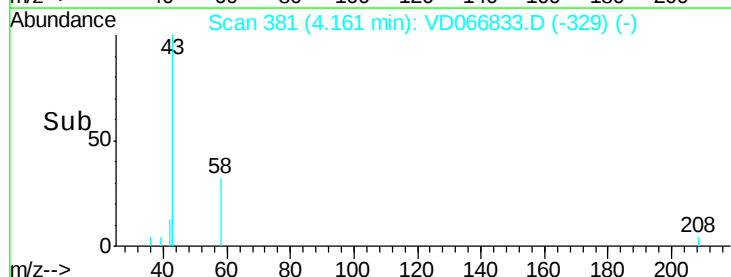
3000

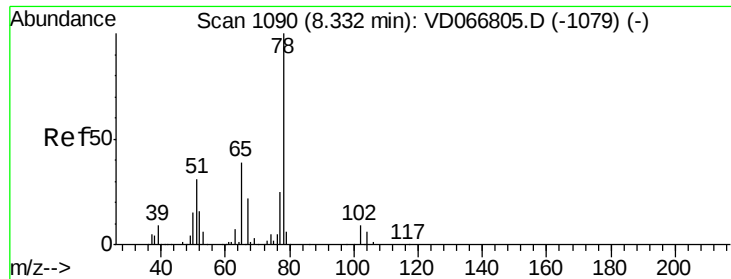
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 59.841 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066833.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_D

ClientSampleId :

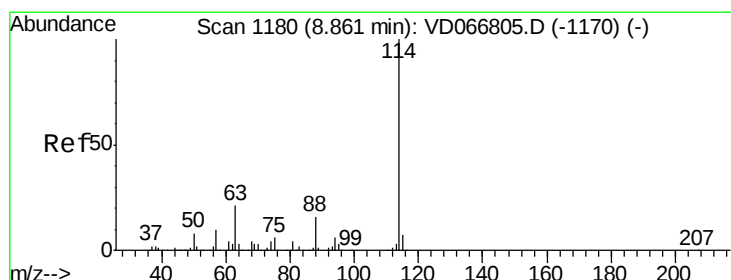
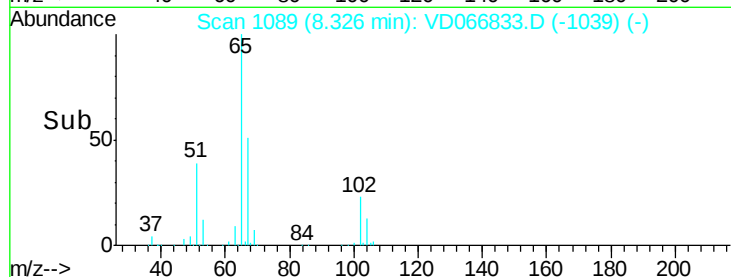
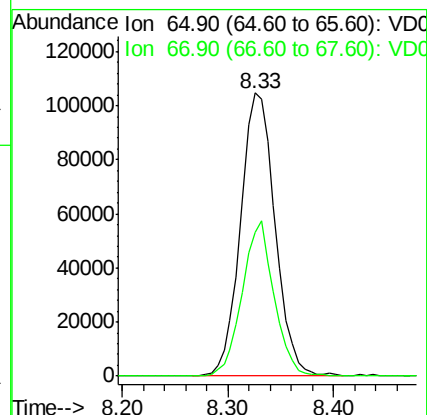
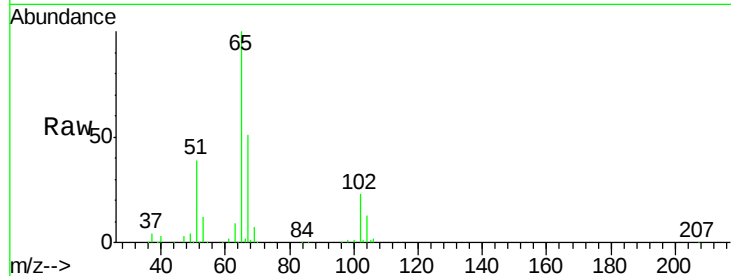
KTS-SB-02-31-32

Tot Ion: 65 Resp: 237376

Ion Ratio Lower Upper

65 100

67 50.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066833.D

Acq: 23 Sep 2020 14:33

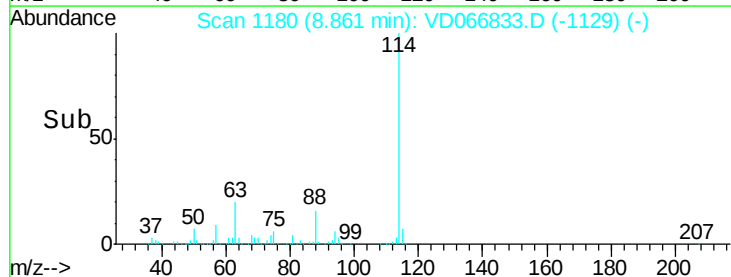
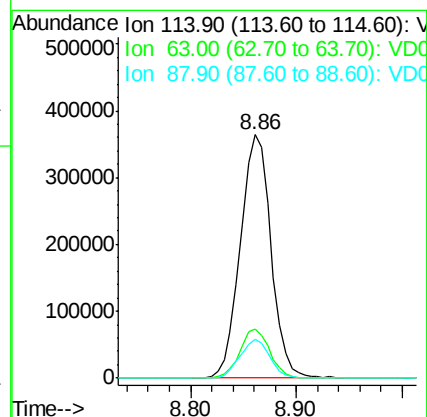
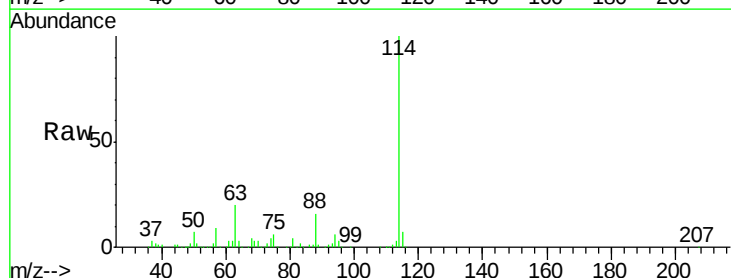
Tgt Ion: 114 Resp: 732103

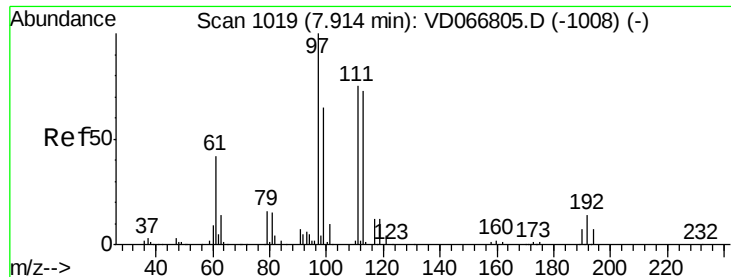
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.344 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066833.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-31-32

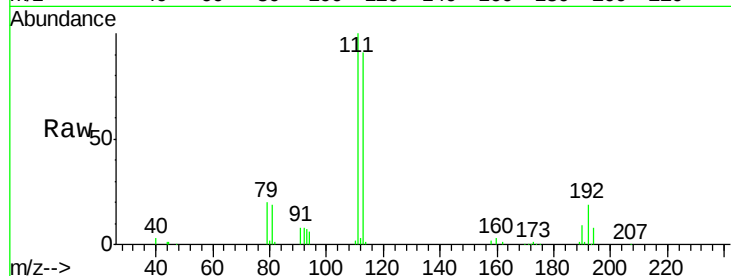
Tot Ion:113 Resp: 234482

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

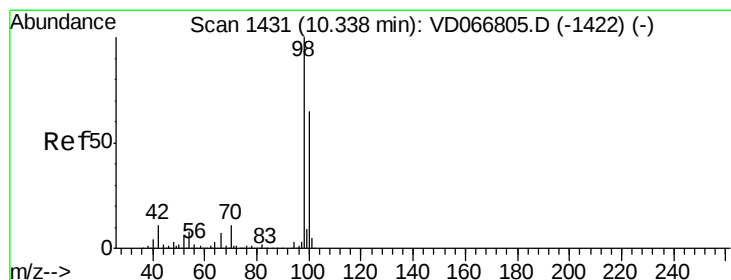
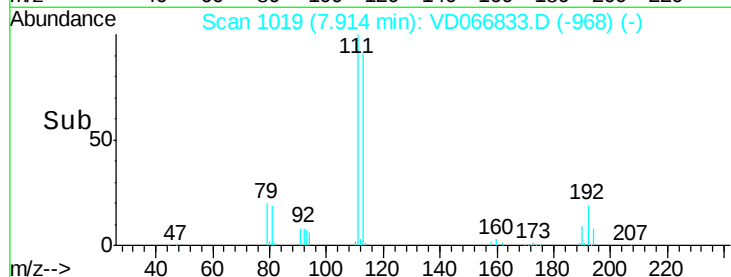
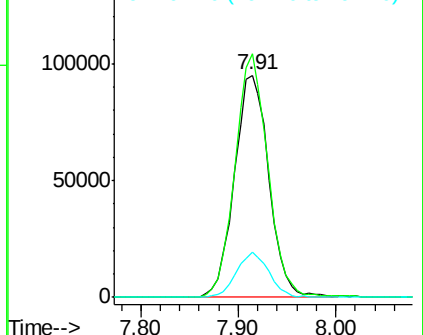
192 19.3 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 55.697 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066833.D

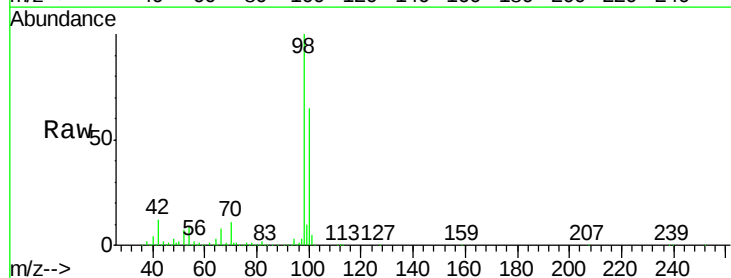
Acq: 23 Sep 2020 14:33

Tgt Ion: 98 Resp: 883875

Ion Ratio Lower Upper

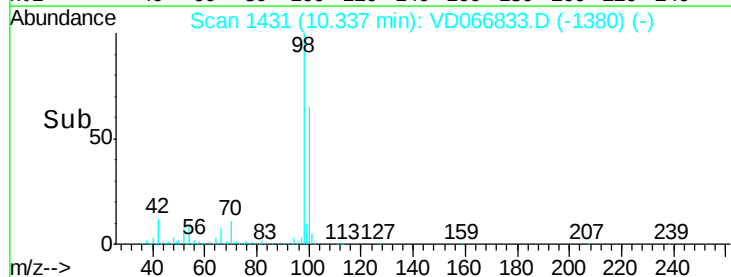
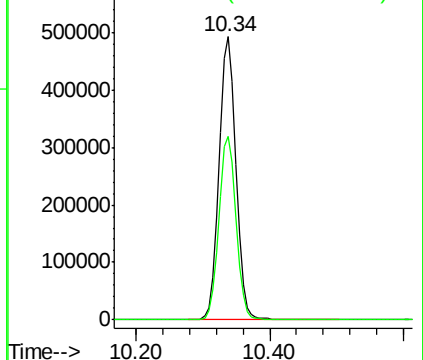
98 100

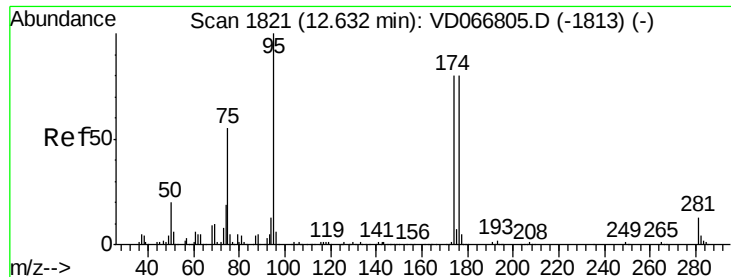
100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.356 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066833.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-31-32

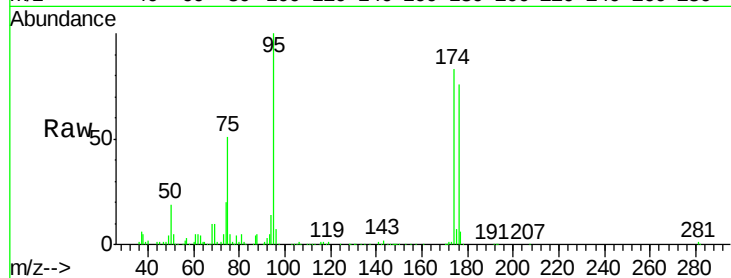
Tot Ion: 95 Resp: 300729

Ion Ratio Lower Upper

95 100

174 81.0 0.0 159.8

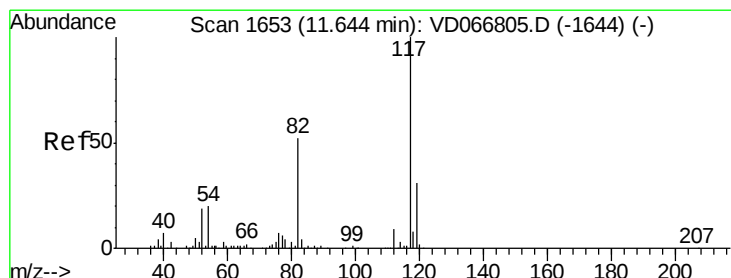
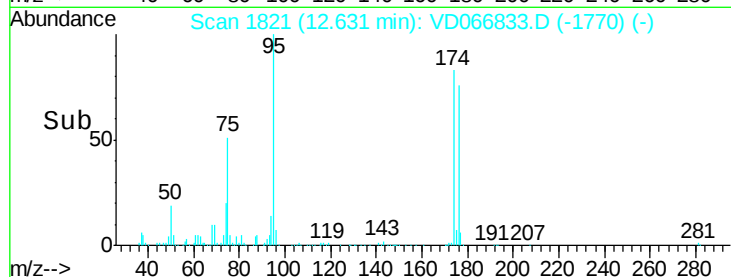
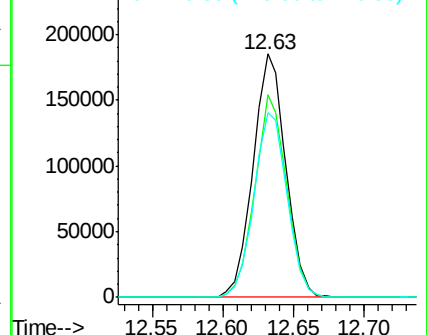
176 77.3 0.0 154.4



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: VD066833.D

Acq: 23 Sep 2020 14:33

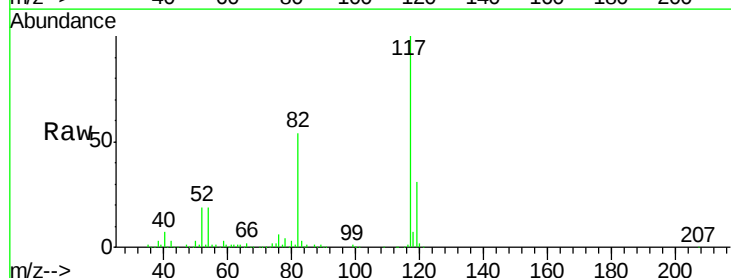
Tgt Ion: 117 Resp: 731665

Ion Ratio Lower Upper

117 100

82 53.7 41.8 62.6

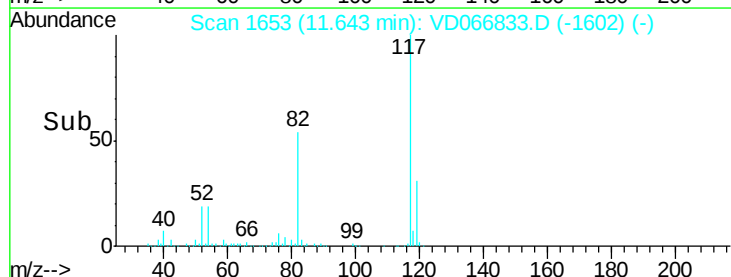
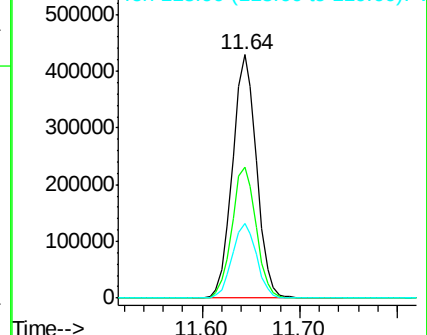
119 30.7 24.6 37.0

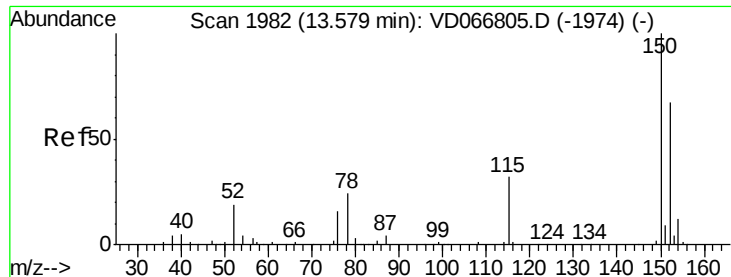


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

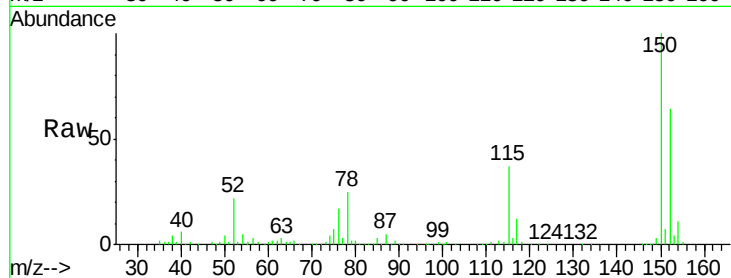




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD066833.D
 Acq: 23 Sep 2020 14:33

Instrument :
 MSVOA_D
 ClientSampleId :
 KTS-SB-02-31-32

Tot Ion:152 Resp: 319811
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.3 91.0
 150 159.1 0.0 346.2



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

