

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066172.D
 Acq On : 10 Aug 2020 18:49
 Operator : VA/SY
 Sample : L3576-02RE
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-017RE

Quant Time: Aug 11 05:56:34 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

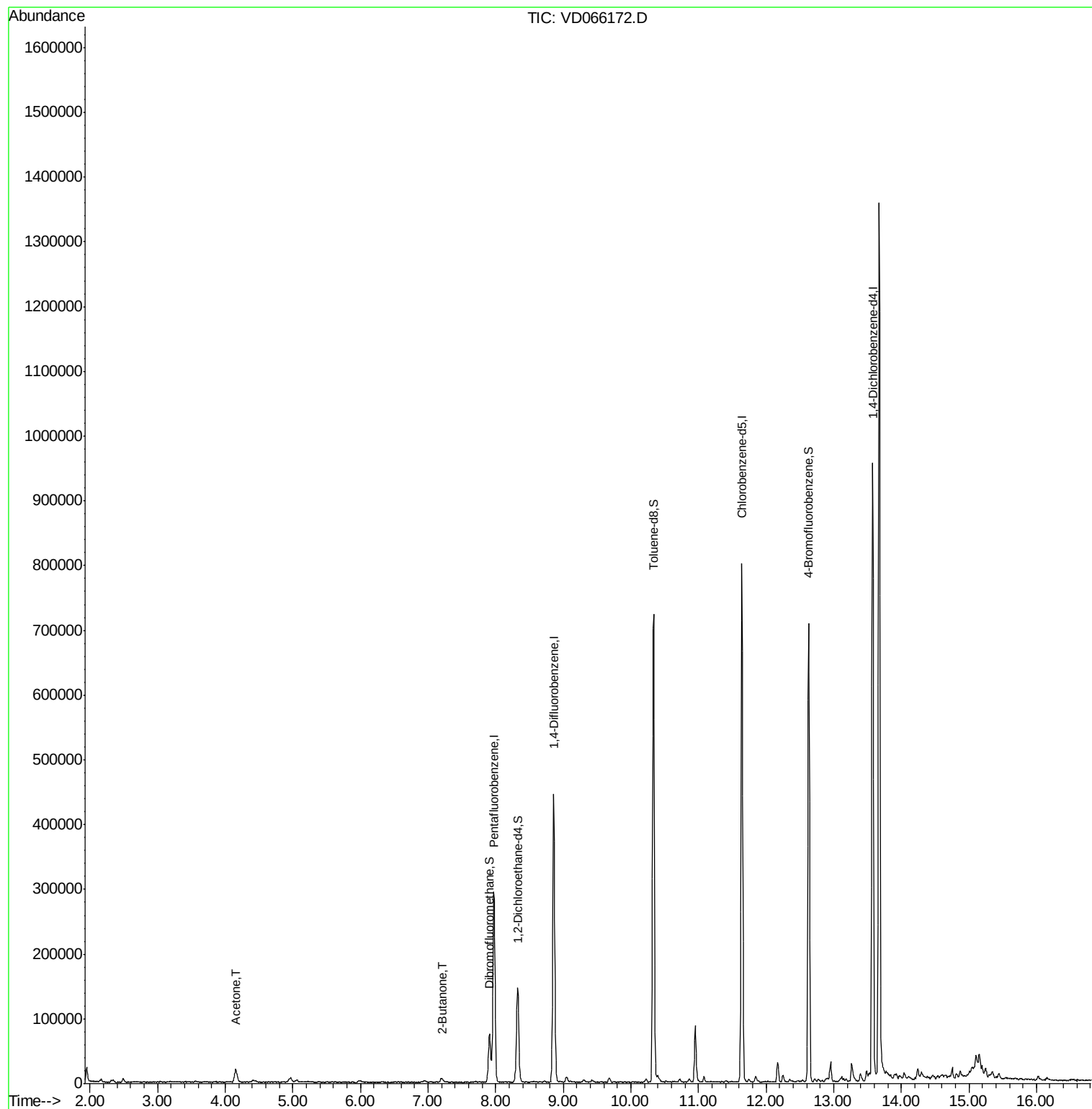
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	232154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	394696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	465116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	265061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	114204	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
35) Dibromofluoromethane	7.90	113	56005	22.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.80%	
50) Toluene-d8	10.34	98	496805	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.63	95	227891	68.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.04%	
Target Compounds						
16) Acetone	4.16	43	34716	88.338	ug/l	93
25) 2-Butanone	7.21	43	6412	11.093	ug/l	94

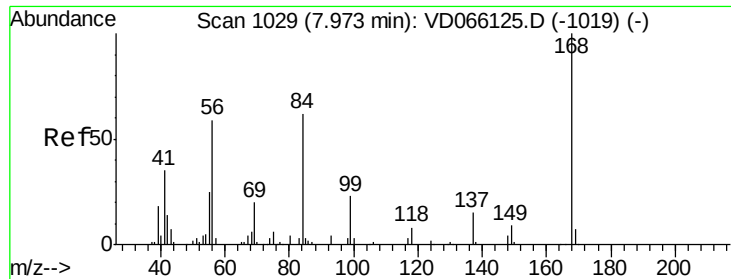
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:49:25 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066172.D

Acq: 10 Aug 2020 18:49

Instrument :

MSVOA_D

ClientSampleId :

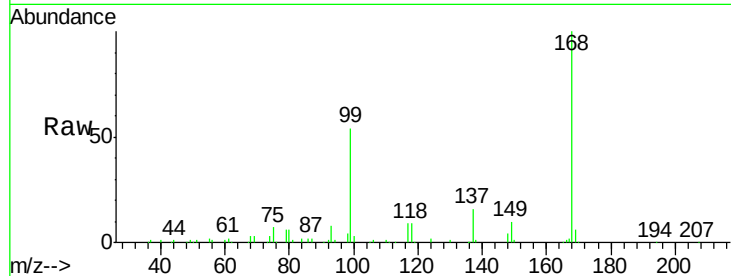
FK-0D015-03-017RE

Tot Ion:168 Resp: 232154

Ion Ratio Lower Upper

168 100

99 53.9 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

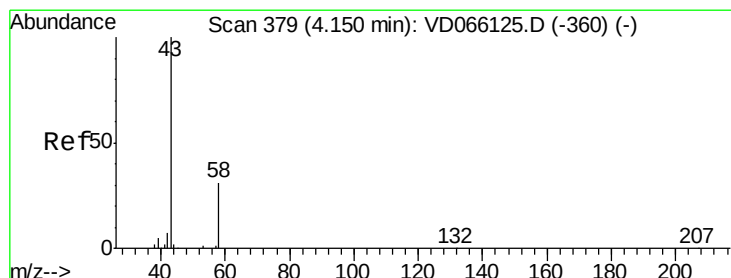
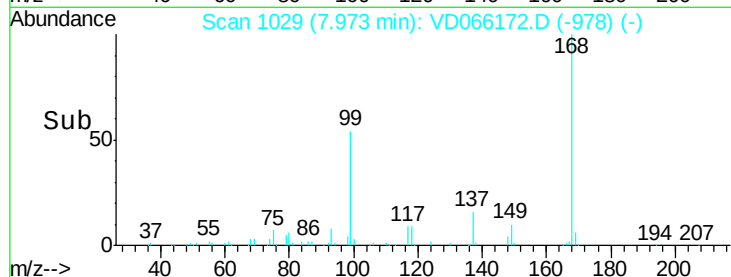
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 88.338 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066172.D

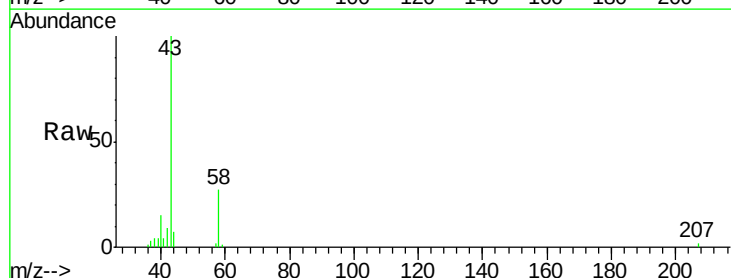
Acq: 10 Aug 2020 18:49

Tgt Ion: 43 Resp: 34716

Ion Ratio Lower Upper

43 100

58 27.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

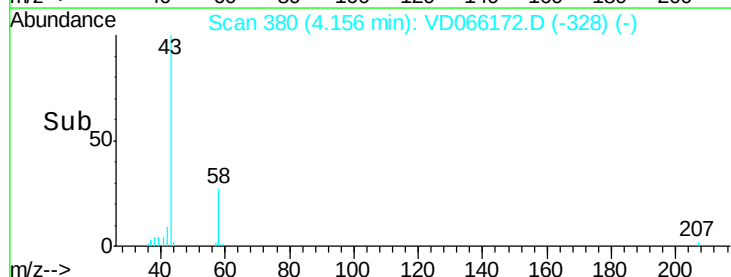
15000

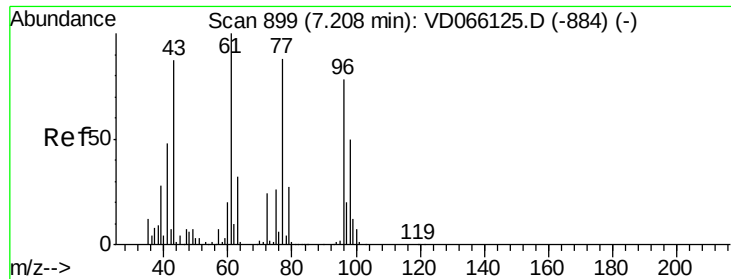
10000

5000

0

Time-->





#25

2-Butanone

Concen: 11.093 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066172.D

Acq: 10 Aug 2020 18:49

Instrument :

MSVOA_D

ClientSampleId :

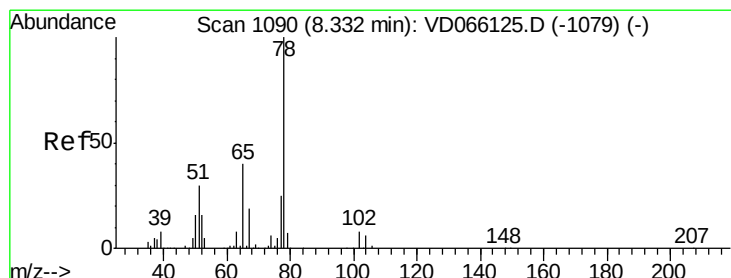
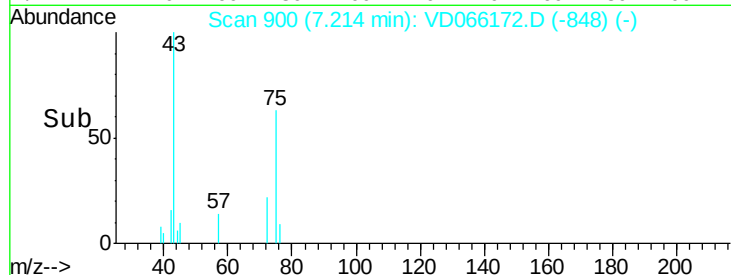
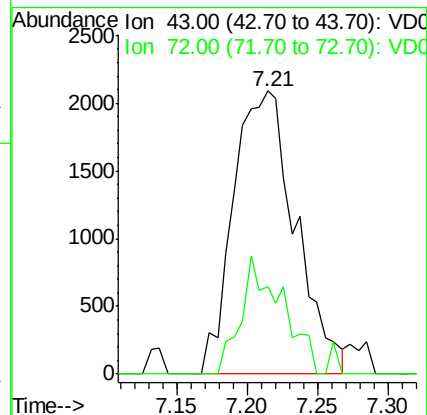
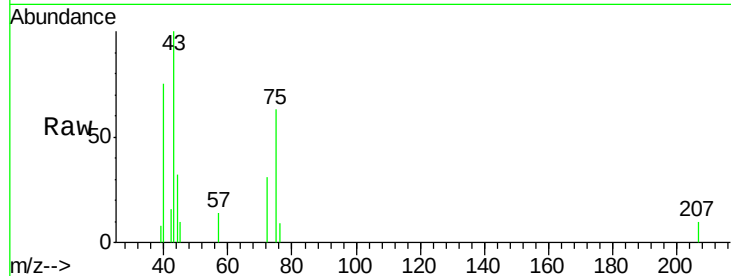
FK-0D015-03-017RE

Tot Ion: 43 Resp: 6412

Ion Ratio Lower Upper

43 100

72 30.8 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 55.140 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066172.D

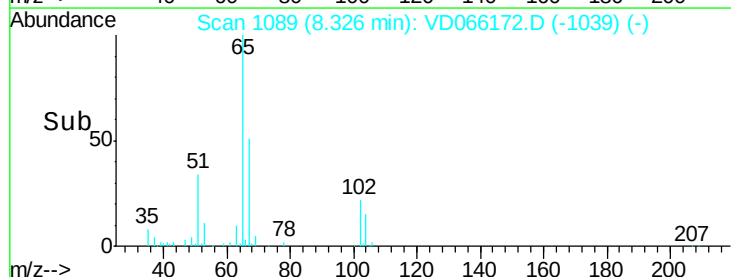
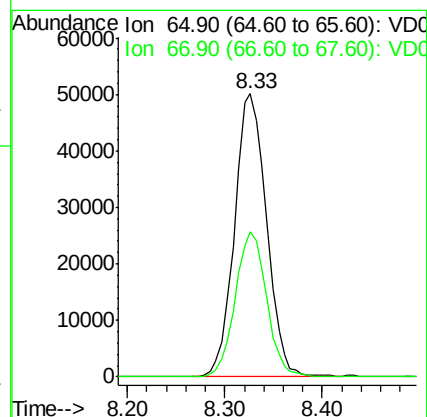
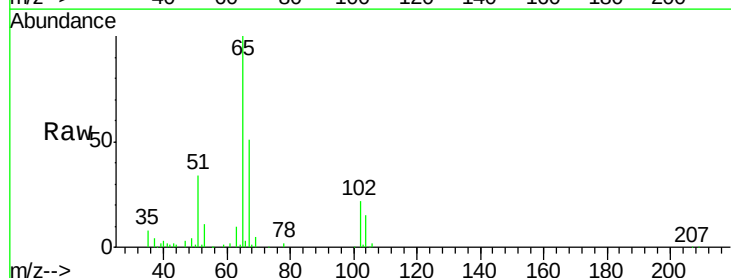
Acq: 10 Aug 2020 18:49

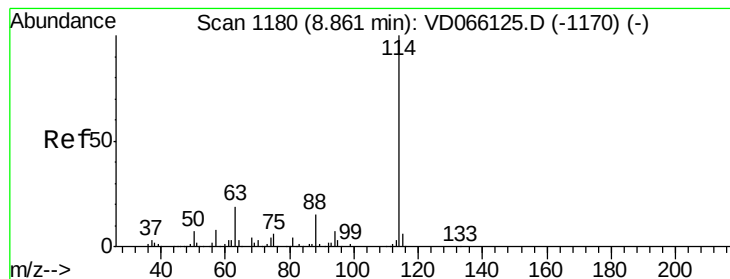
Tgt Ion: 65 Resp: 114204

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066172.D

Acq: 10 Aug 2020 18:49

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-017RE

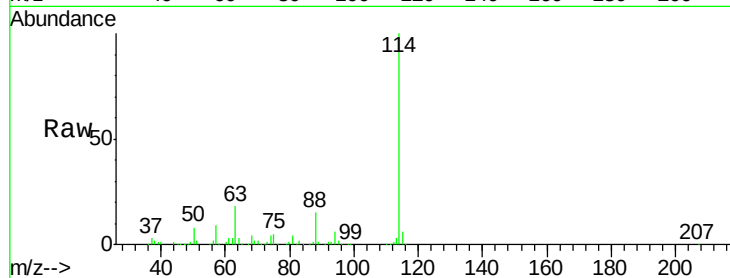
Tot Ion:114 Resp: 394696

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.6

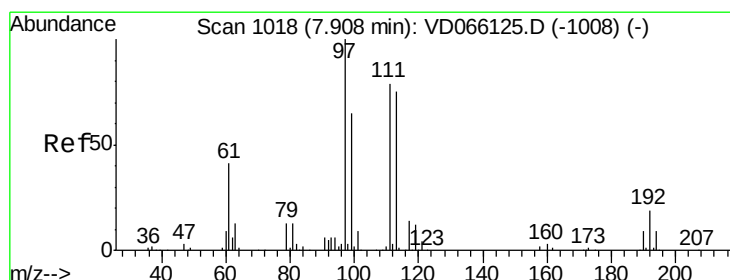
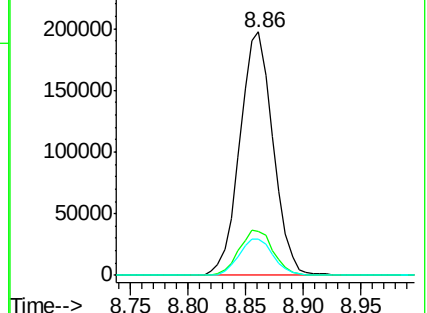
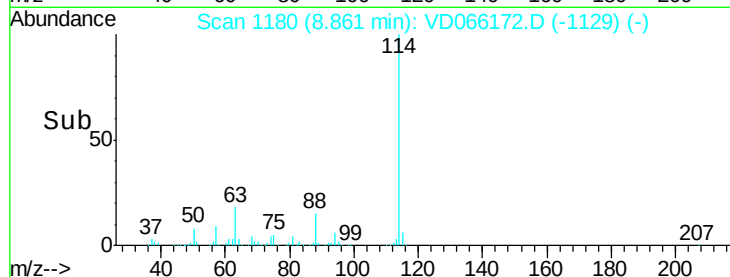
88 15.1 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 22.399 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD066172.D

Acq: 10 Aug 2020 18:49

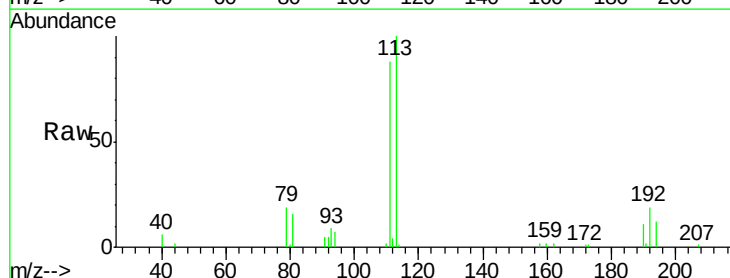
Tgt Ion:113 Resp: 56005

Ion Ratio Lower Upper

113 100

111 99.1 80.7 121.1

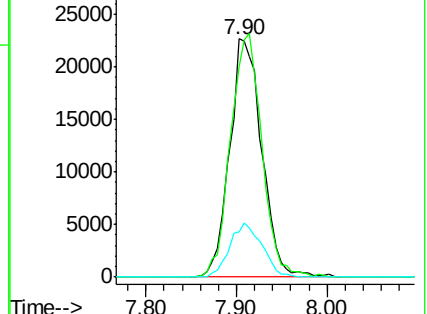
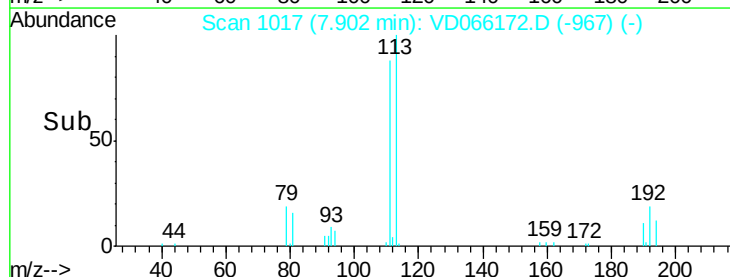
192 22.5 18.4 27.6

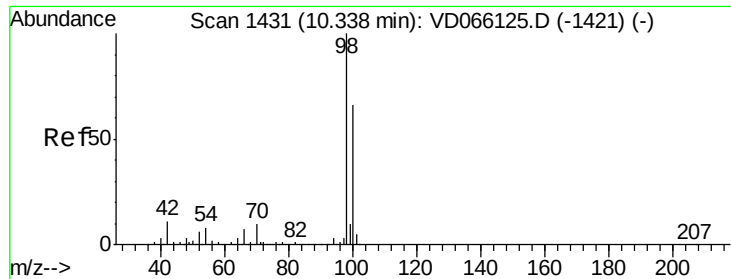


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.843 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066172.D

Acq: 10 Aug 2020 18:49

Instrument :

MSVOA_D

ClientSampleId :

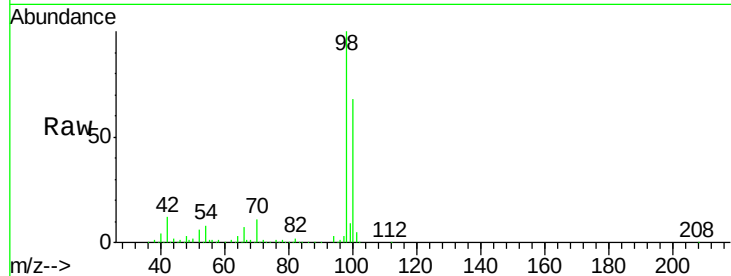
FK-0D015-03-017RE

Tot Ion: 98 Resp: 496805

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

150000

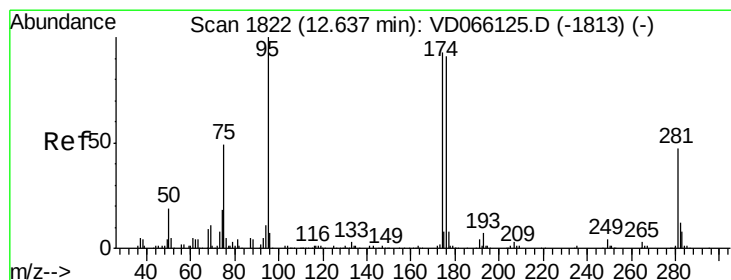
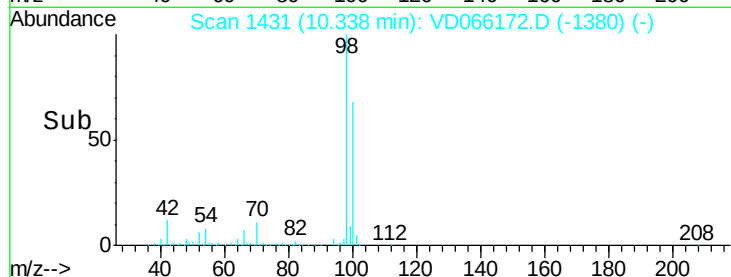
100000

50000

0

Time-->

10.30 10.40



#62

4-Bromofluorobenzene

Concen: 68.519 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066172.D

Acq: 10 Aug 2020 18:49

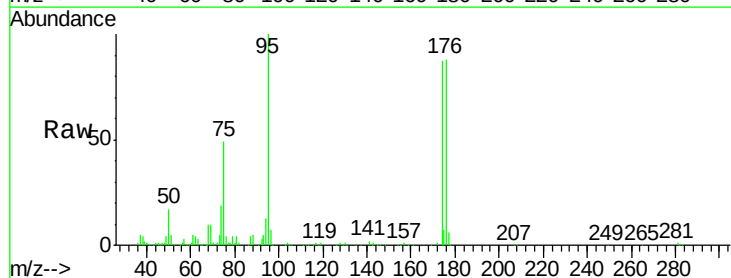
Tgt Ion: 95 Resp: 227891

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.8

176 88.0 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.63

150000

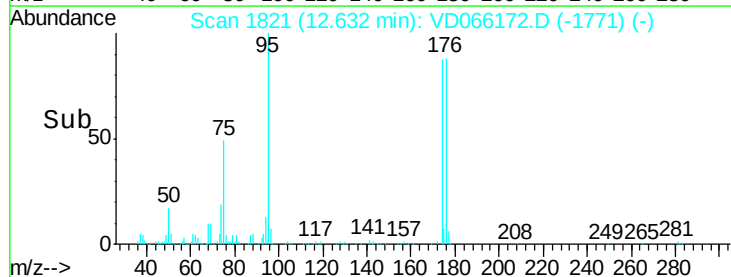
100000

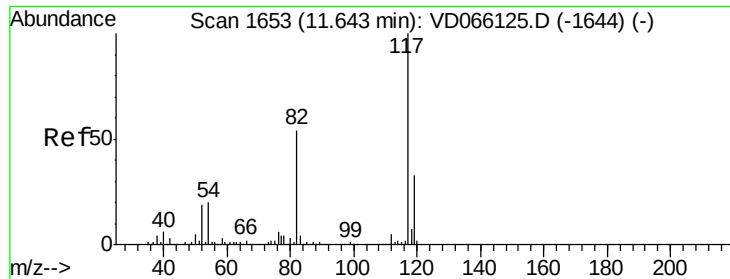
50000

0

Time-->

12.55 12.60 12.65 12.70

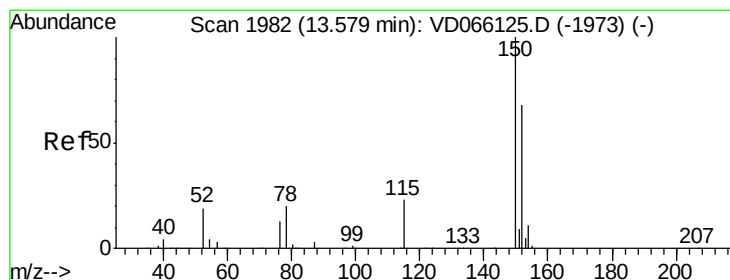
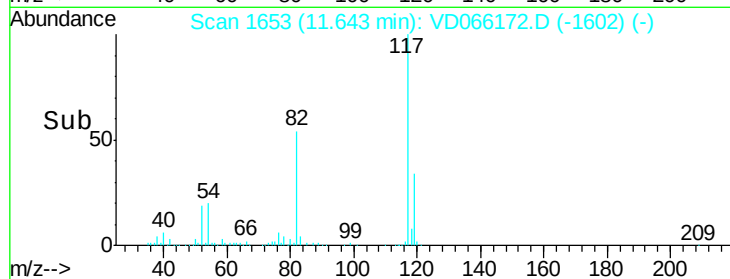
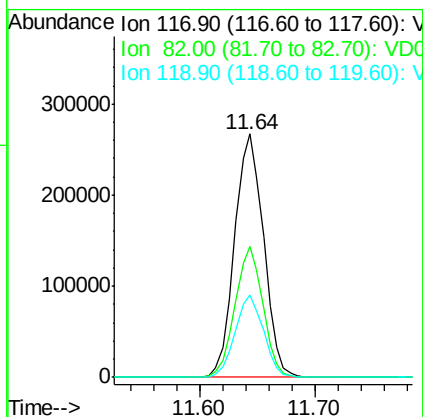
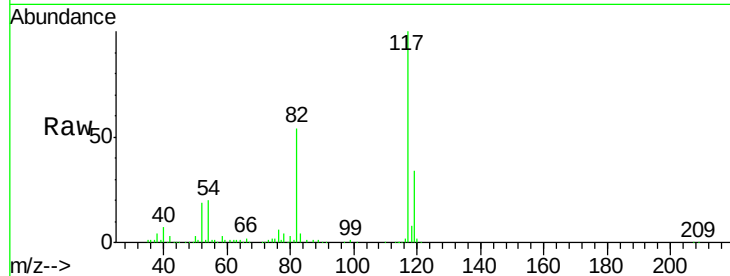




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066172.D
Acq: 10 Aug 2020 18:49

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-017RE

Tot Ion:117 Resp: 465116
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 33.7 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: VD066172.D
Acq: 10 Aug 2020 18:49

Tgt Ion:152 Resp: 265061
Ion Ratio Lower Upper
152 100
115 57.2 28.0 83.9
150 159.5 0.0 346.4

