

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066235.D
 Acq On : 14 Aug 2020 14:35
 Operator : VA/SY
 Sample : L3679-05
 Misc : 8.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S415-K-SO-1-1.5-081220

Quant Time: Aug 17 09:07:16 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

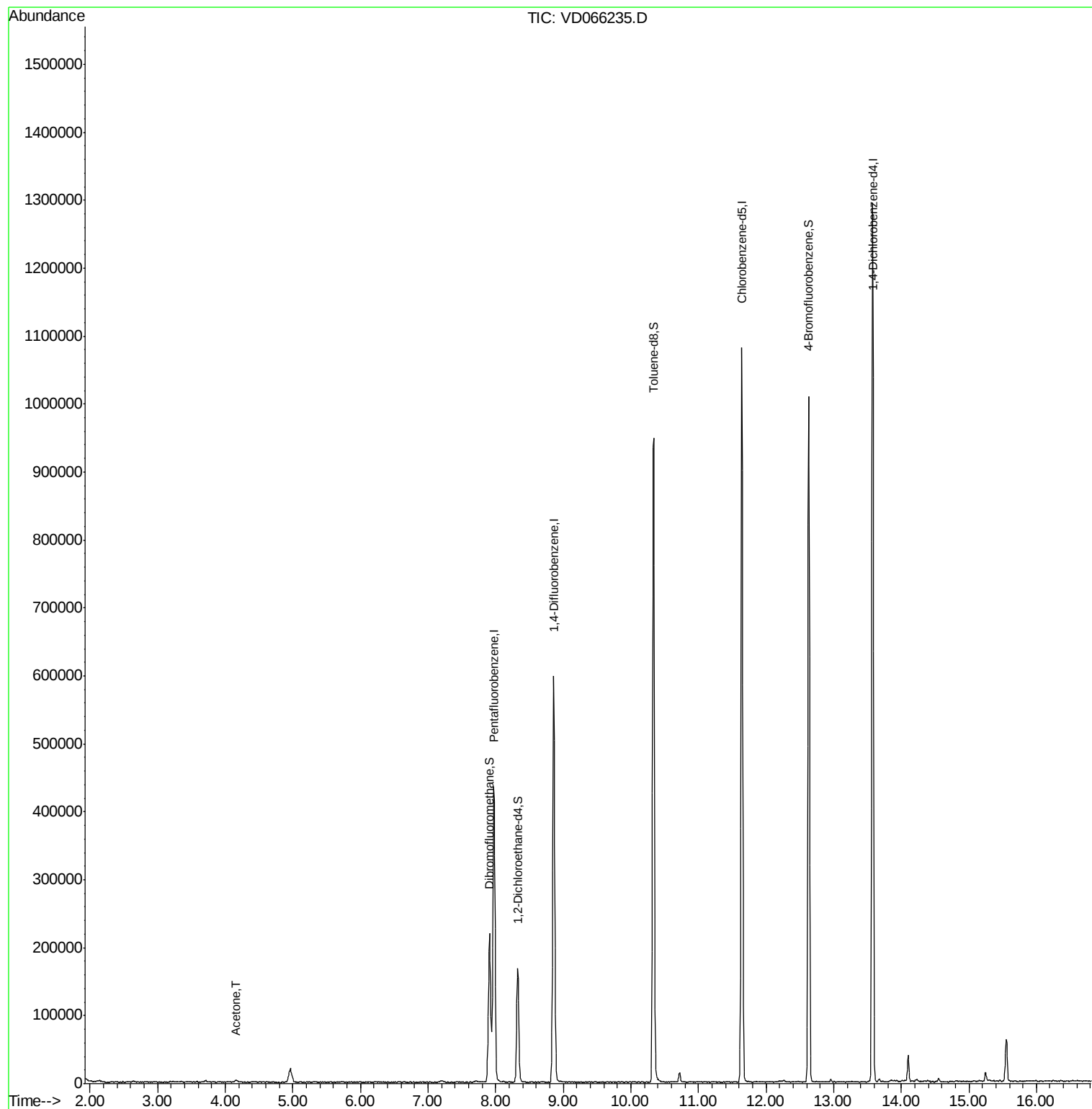
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	341556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	526778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	641467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	361863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	134942	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
35) Dibromofluoromethane	7.91	113	155169	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
50) Toluene-d8	10.34	98	662688	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.63	95	314928	70.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.90%	
Target Compounds						
16) Acetone	4.15	43	5558	9.613	ug/l #	Qvalue 85

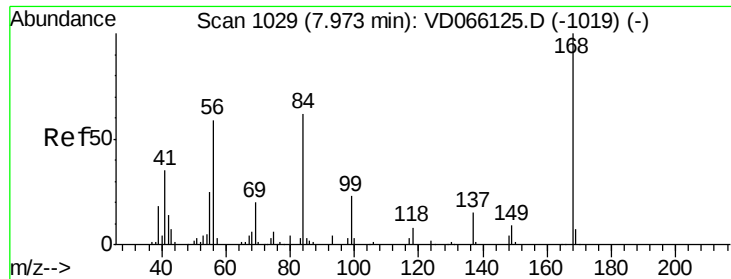
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

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MSVOA_D

ClientSampleId :

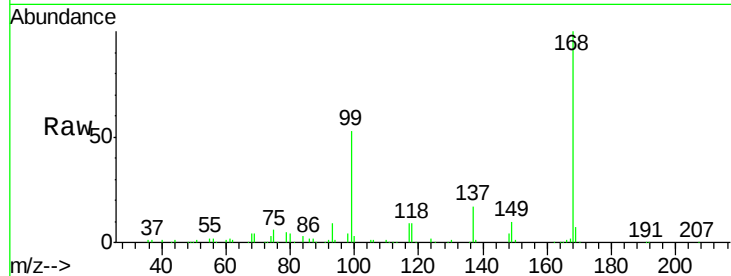
S415-K-SO-1-1.5-081220

Tot Ion:168 Resp: 341556

Ion Ratio Lower Upper

168 100

99 52.9 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

150000

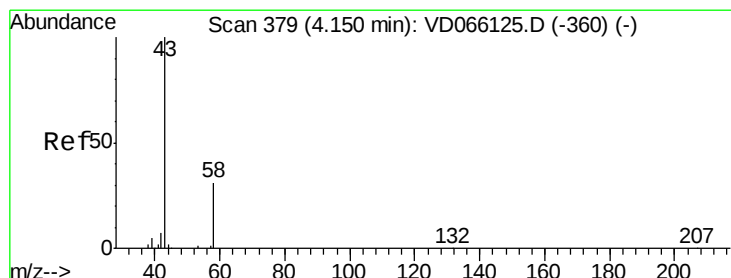
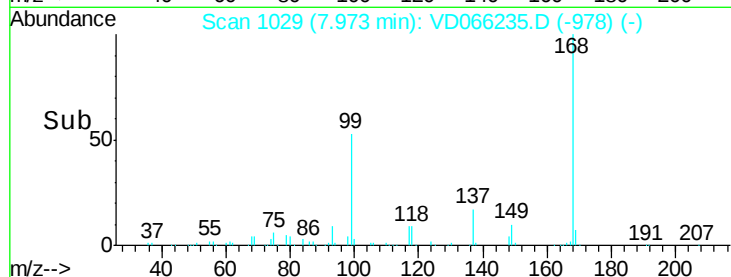
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 9.613 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066235.D

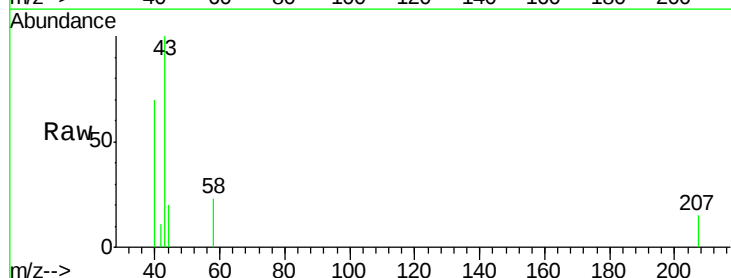
Acq: 14 Aug 2020 14:35

Tgt Ion: 43 Resp: 5558

Ion Ratio Lower Upper

43 100

58 22.8 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.15

2000

1500

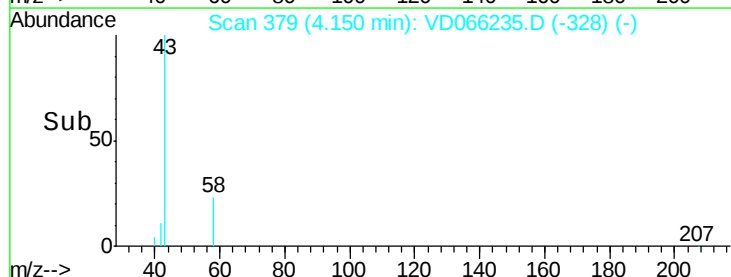
1000

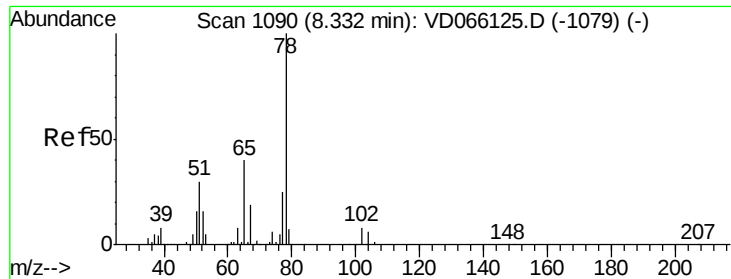
500

0

4.05 4.10 4.15 4.20 4.25

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.284 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066235.D

Acq: 14 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

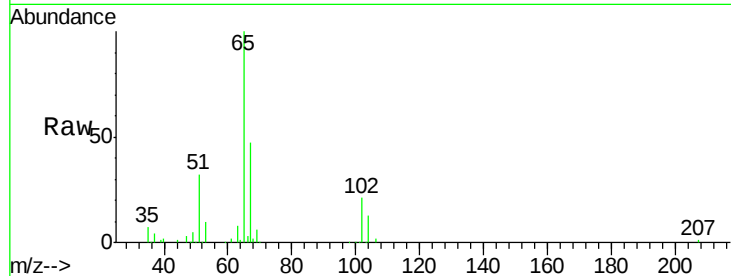
S415-K-SO-1-1.5-081220

Tot Ion: 65 Resp: 134942

Ion Ratio Lower Upper

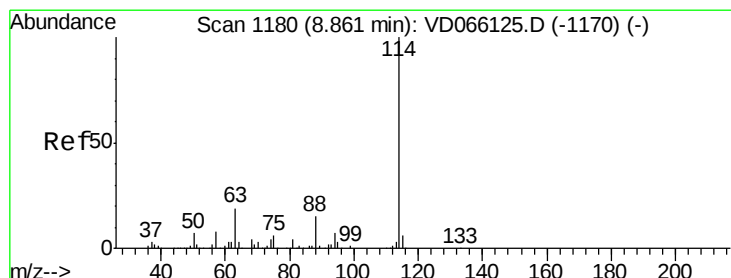
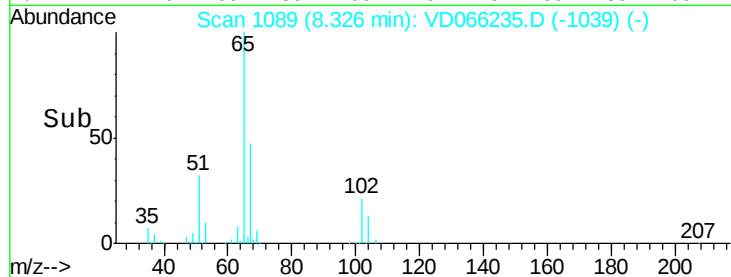
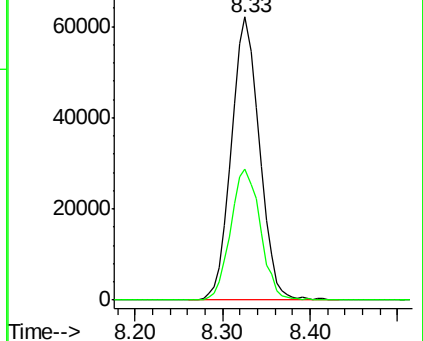
65 100

67 49.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066235.D

Acq: 14 Aug 2020 14:35

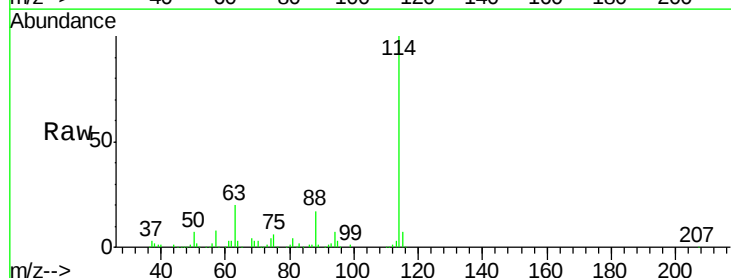
Tgt Ion: 114 Resp: 526778

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

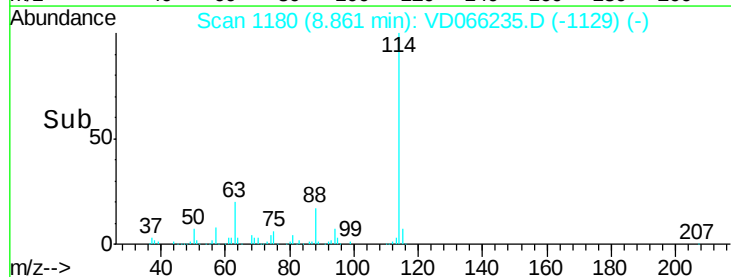
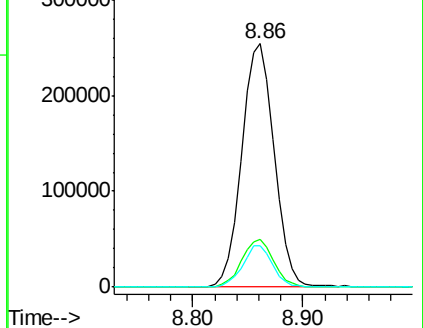
88 17.1 0.0 30.0

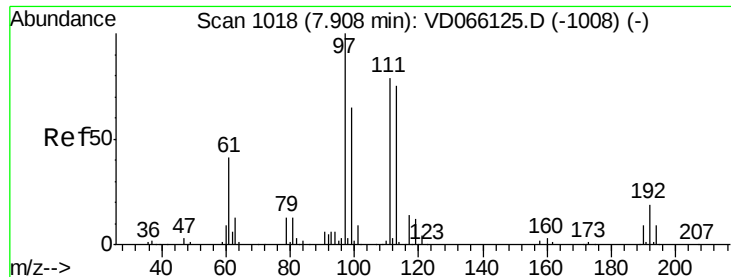


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

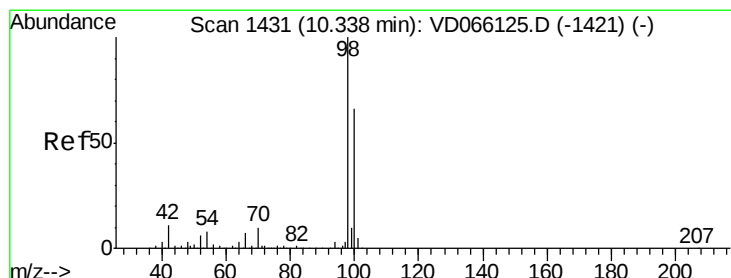
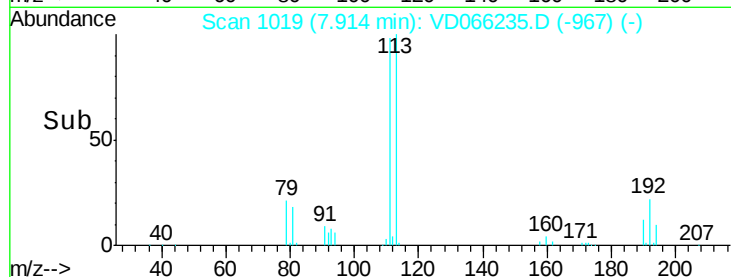
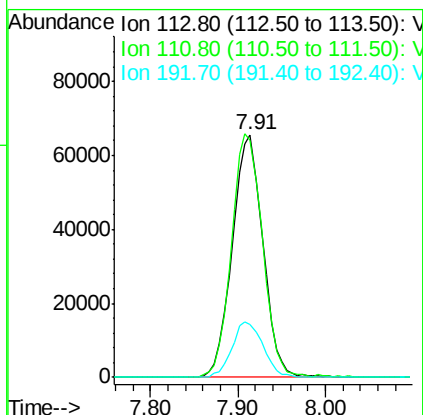
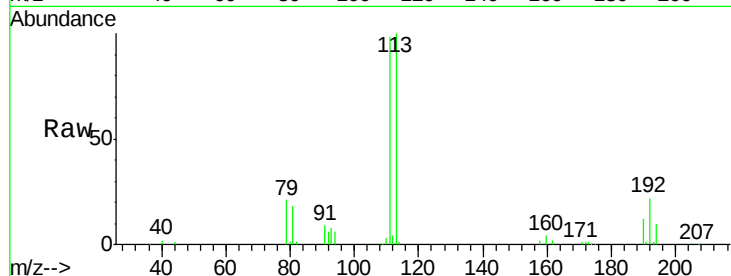




#35
Dibromofluoromethane
Concen: 46.498 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066235.D
Acq: 14 Aug 2020 14:35

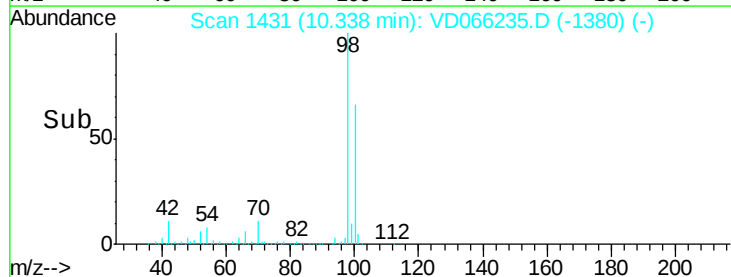
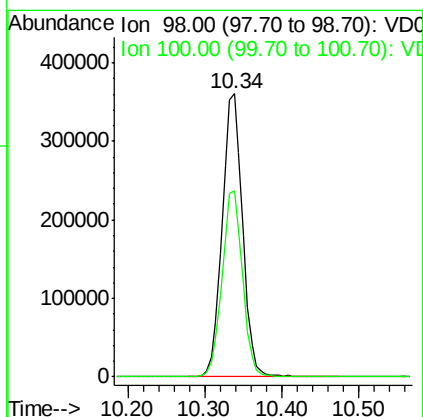
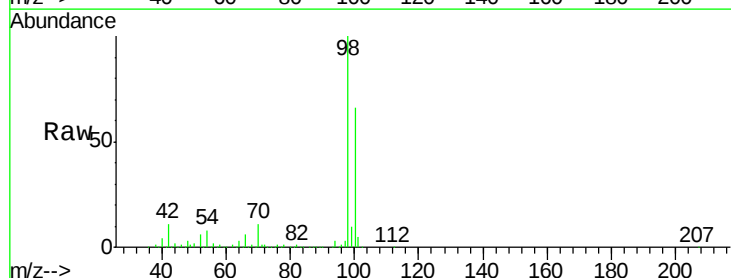
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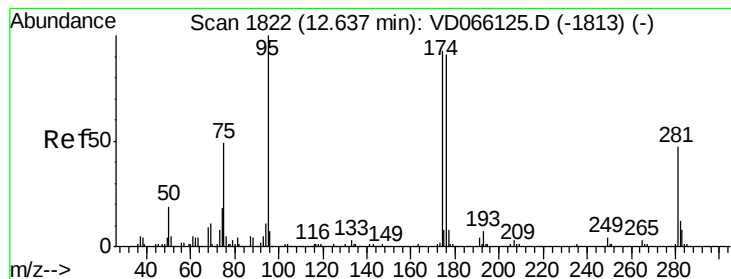
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	23.2	18.4	27.6



#50
Toluene-d8
Concen: 53.813 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066235.D
Acq: 14 Aug 2020 14:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 70.946 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066235.D

Acq: 14 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

S415-K-SO-1-1.5-081220

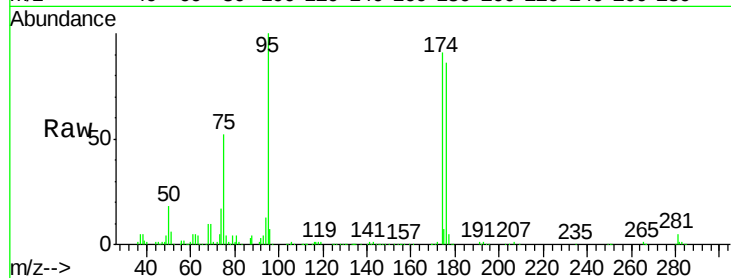
Tot Ion: 95 Resp: 314928

Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.8

176 88.1 0.0 181.2

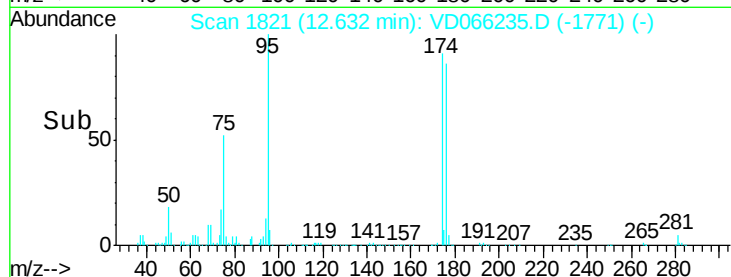


Abundance Ion 94.90 (94.60 to 95.60): VD066235.D (-1771) (-)

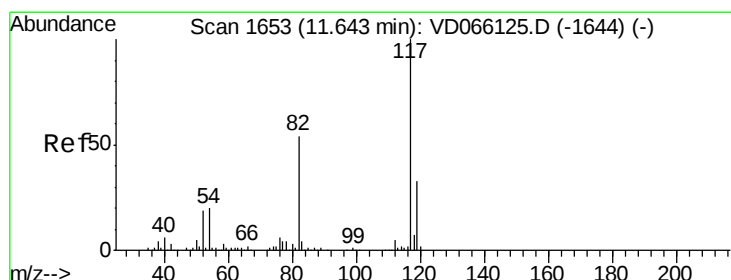
Ion 173.80 (173.50 to 174.50): VD066235.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066235.D (-1771) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066235.D

Acq: 14 Aug 2020 14:35

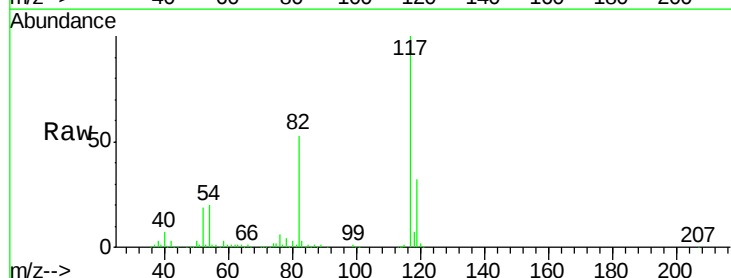
Tgt Ion: 117 Resp: 641467

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.4

119 31.7 26.1 39.1

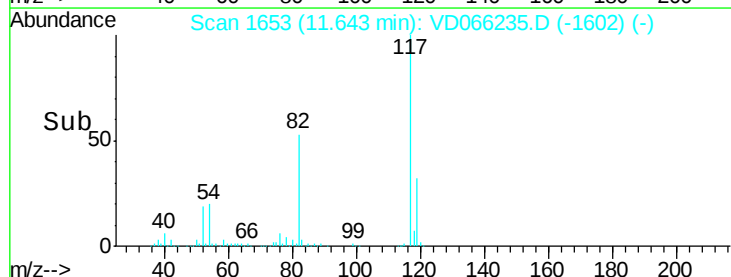


Abundance Ion 116.90 (116.60 to 117.60): VD066235.D (-1602) (-)

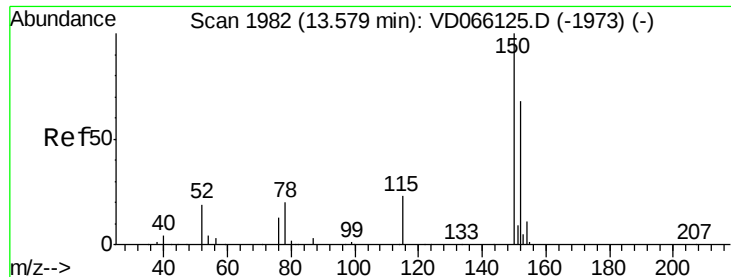
Ion 82.00 (81.70 to 82.70): VD066235.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066235.D (-1602) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066235.D

Acq: 14 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

S415-K-SO-1-1.5-081220

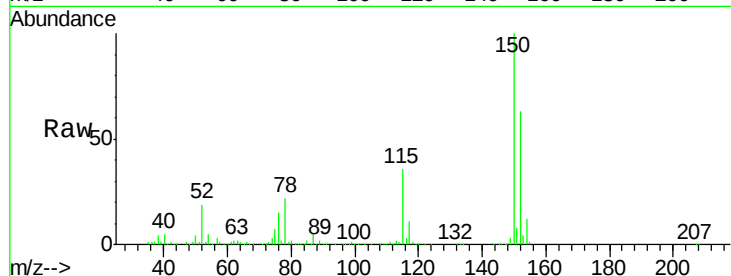
Tot Ion:152 Resp: 361863

Ion Ratio Lower Upper

152 100

115 56.2 28.0 83.9

150 155.8 0.0 346.4



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

