

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081220\
 Data File : VD066205.D
 Acq On : 12 Aug 2020 15:37
 Operator : VA/SY
 Sample : L3652-03
 Misc : 6.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-2

Quant Time: Aug 12 16:18:13 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

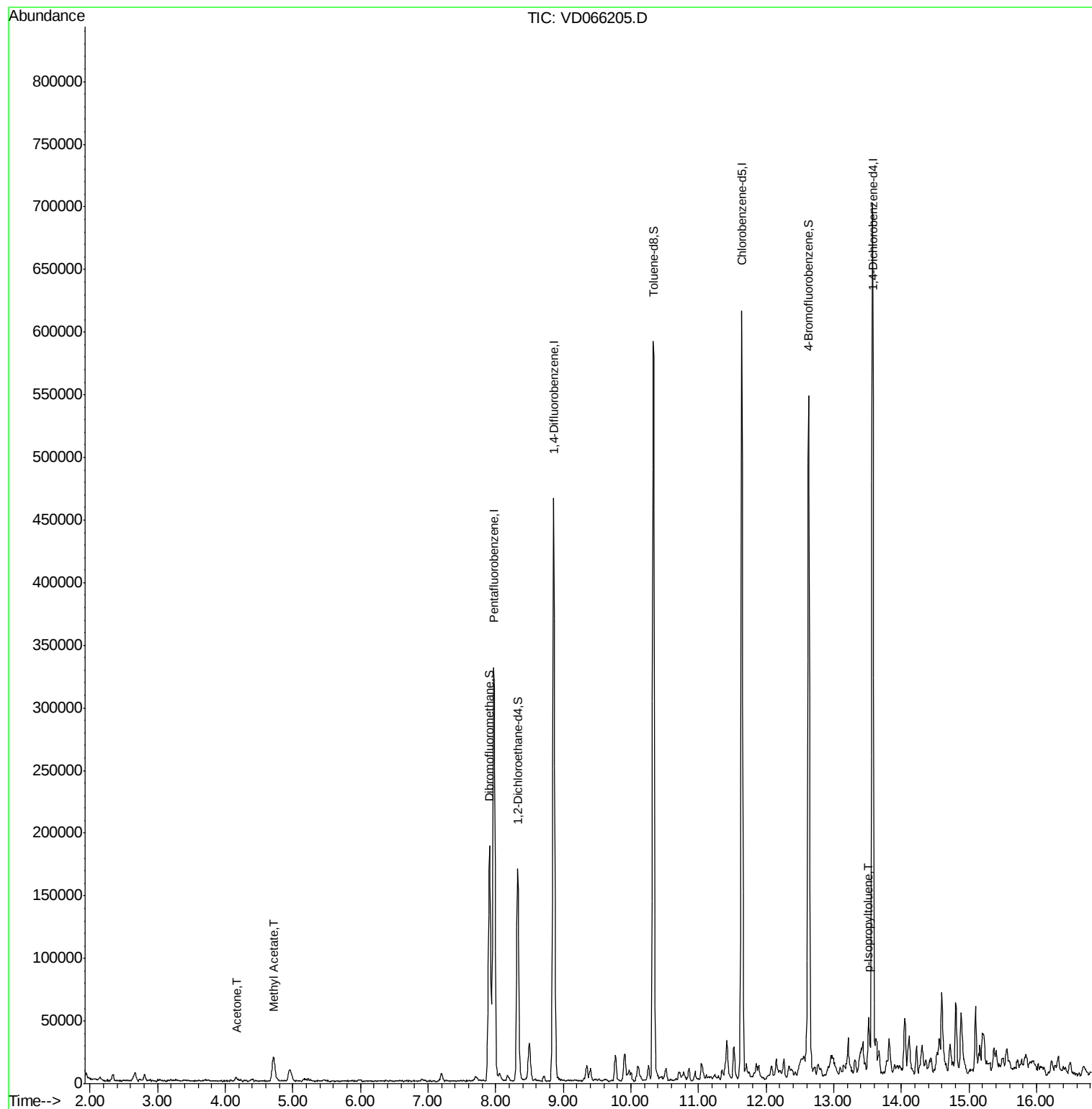
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	263568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	407196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	365153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	197965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	135560	57.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.30%	
35) Dibromofluoromethane	7.91	113	133069	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	10.34	98	418208	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
62) 4-Bromofluorobenzene	12.63	95	168088	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
Target Compounds						
16) Acetone	4.17	43	4962	11.121	ug/l #	86
18) Methyl Acetate	4.72	43	39394	34.761	ug/l	96
86) p-Isopropyltoluene	13.52	119	18786	1.526	ug/l	94

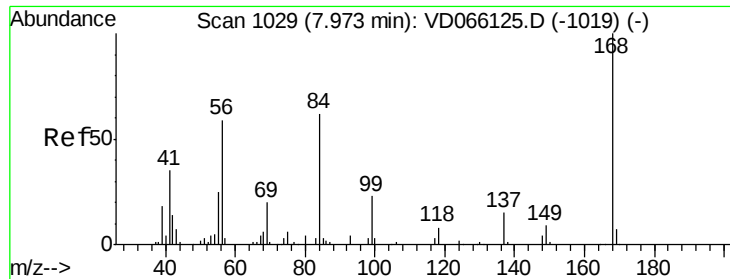
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081220\
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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: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066205.D

Acq: 12 Aug 2020 15:37

Instrument :

MSVOA_D

ClientSampleId :

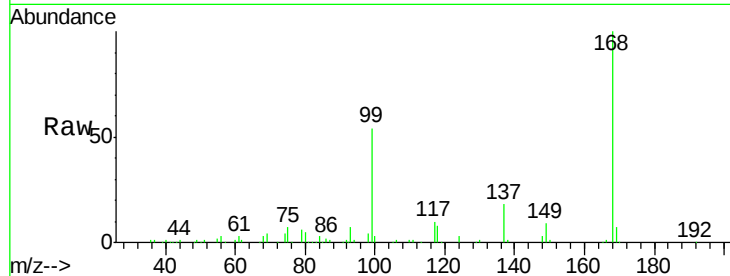
STOCKPILE-2

Tot Ion:168 Resp: 263568

Ion Ratio Lower Upper

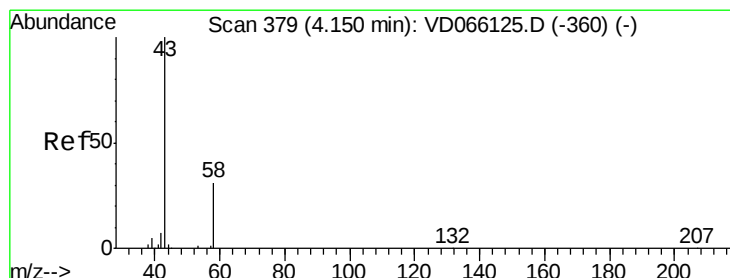
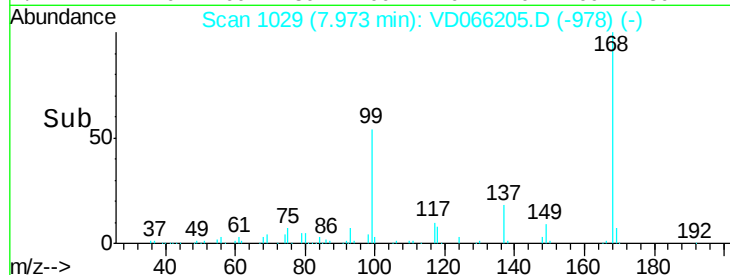
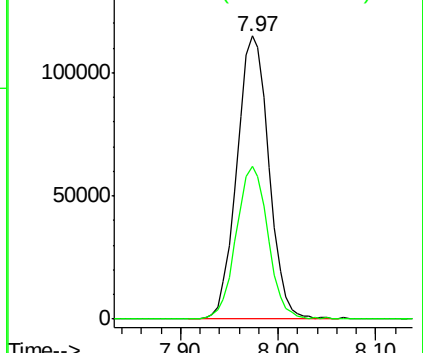
168 100

99 54.1 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 11.121 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.02 min

Lab File: VD066205.D

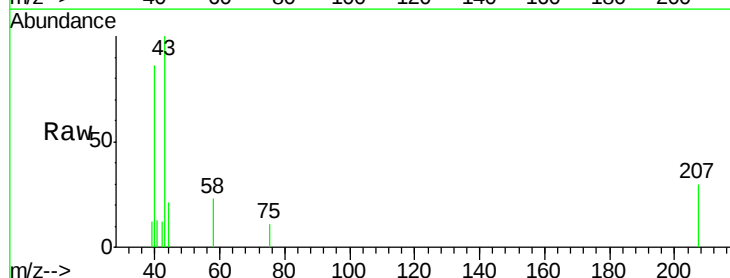
Acq: 12 Aug 2020 15:37

Tgt Ion: 43 Resp: 4962

Ion Ratio Lower Upper

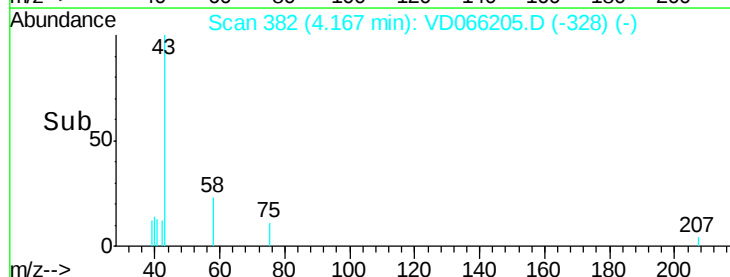
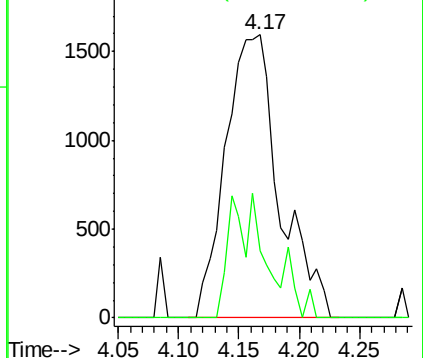
43 100

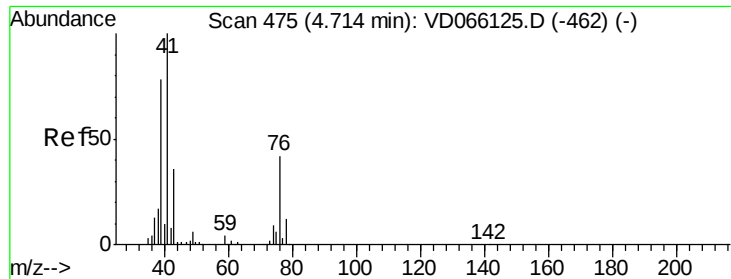
58 23.5 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

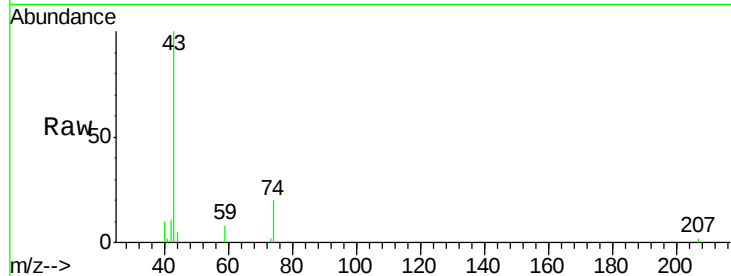




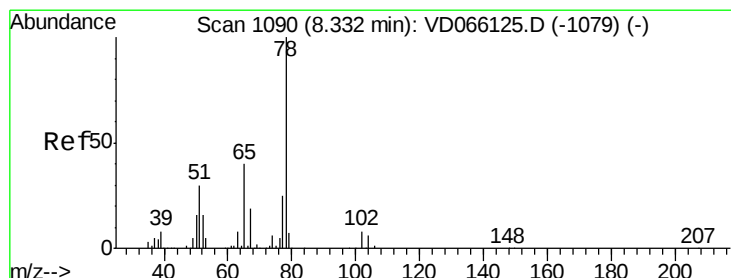
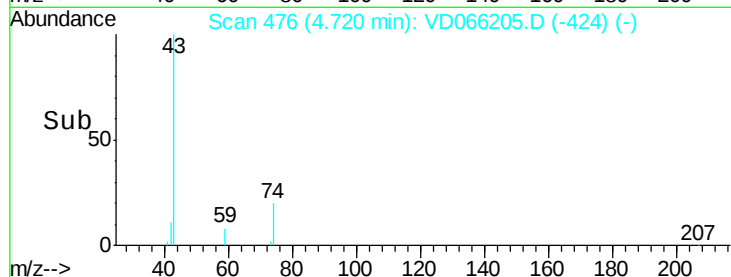
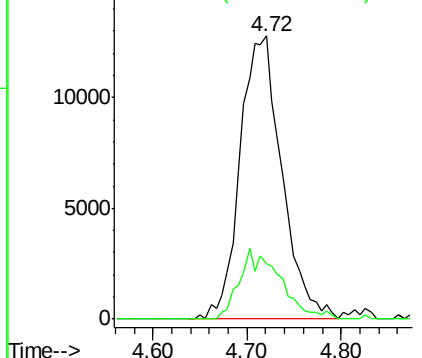
#18
Methvl Acetate
Concen: 34.761 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066205.D
Acq: 12 Aug 2020 15:37

Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-2

Tot Ion: 43 Resp: 39394
Ion Ratio Lower Upper
43 100
74 24.3 21.2 31.8

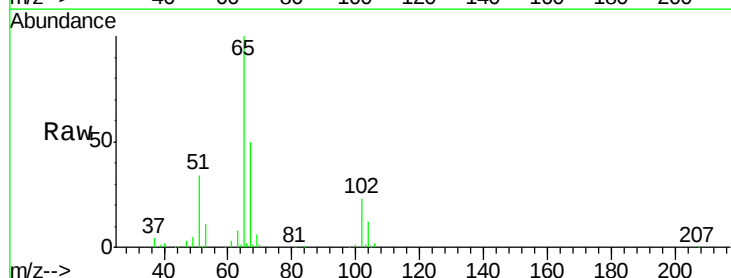


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

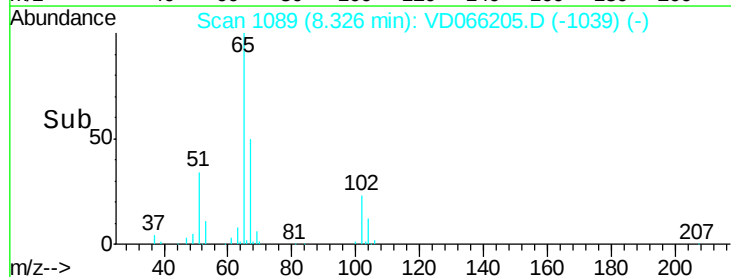
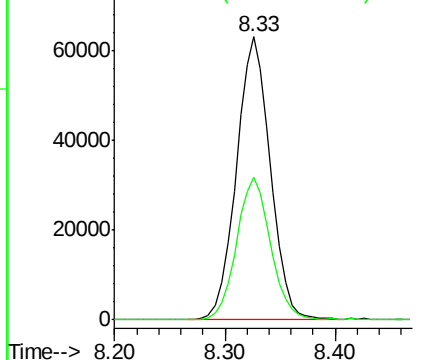


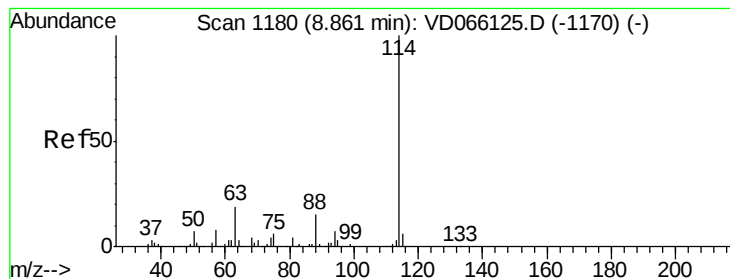
#33
1,2-Dichloroethane-d4
Concen: 57.650 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066205.D
Acq: 12 Aug 2020 15:37

Tgt Ion: 65 Resp: 135560
Ion Ratio Lower Upper
65 100
67 50.5 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: VD066205.D

Acq: 12 Aug 2020 15:37

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-2

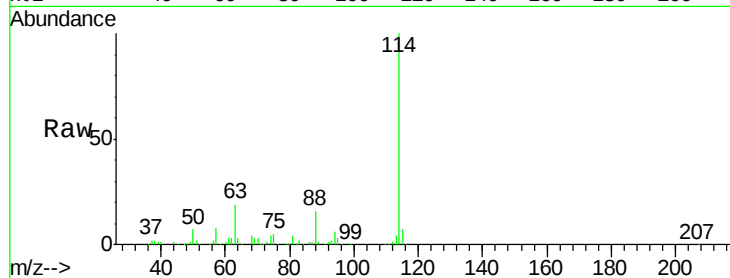
Tot Ion:114 Resp: 407196

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 15.6 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

250000

200000

150000

100000

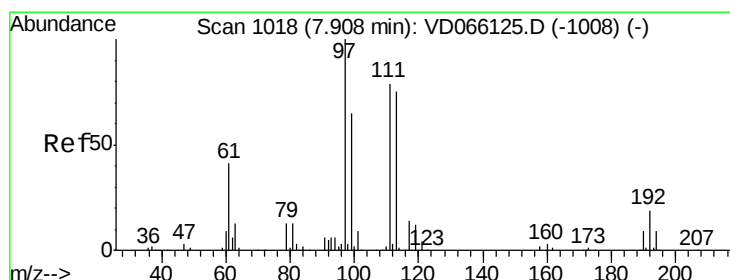
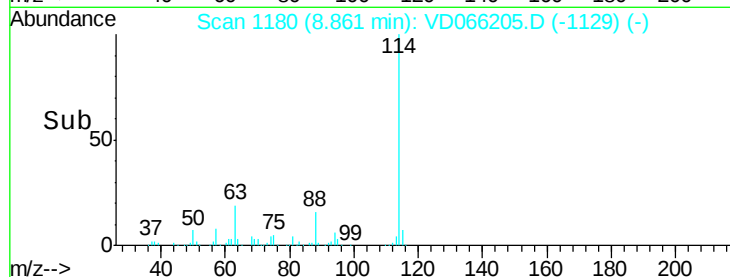
50000

0

8.86

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 51.586 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066205.D

Acq: 12 Aug 2020 15:37

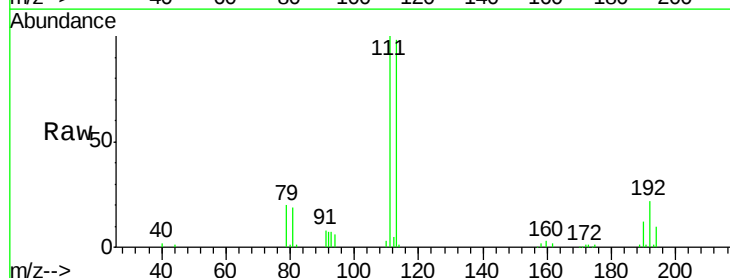
Tgt Ion:113 Resp: 133069

Ion Ratio Lower Upper

113 100

111 103.6 80.7 121.1

192 23.2 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

60000

40000

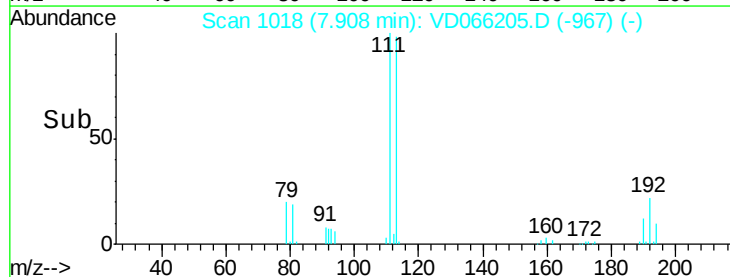
20000

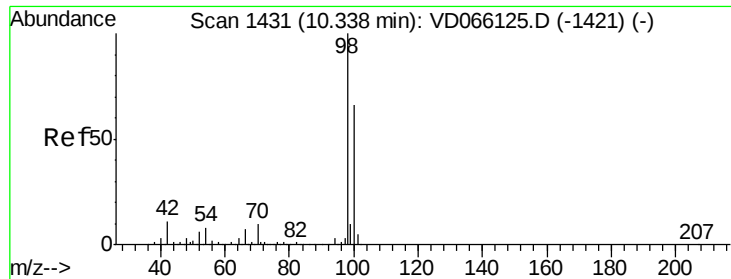
0

7.91

7.80 7.90 8.00

Time-->

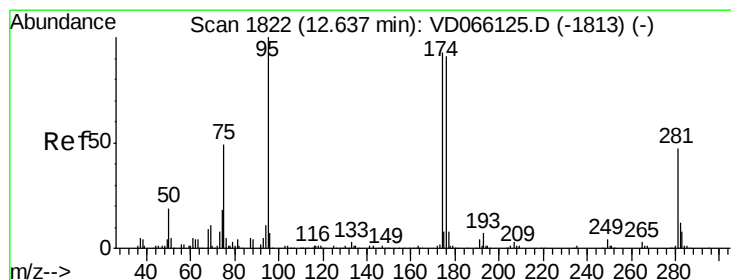
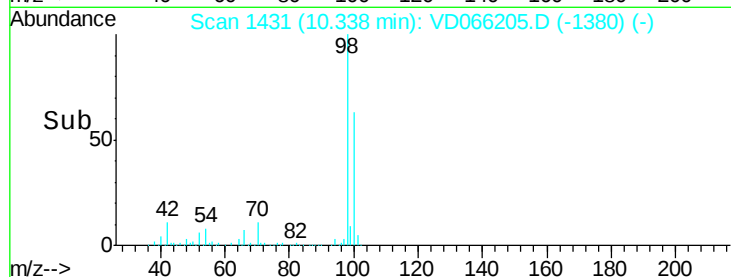
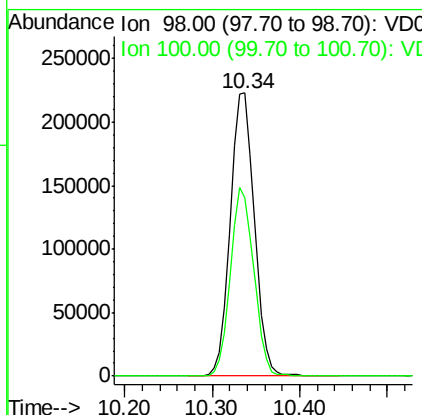
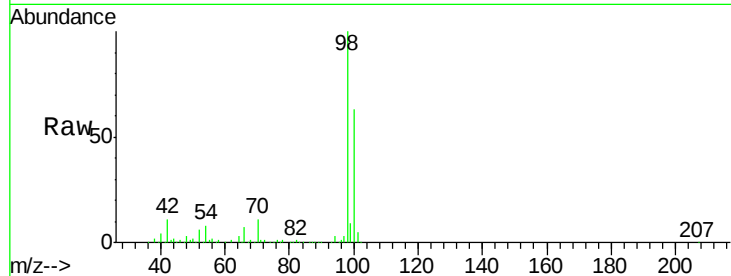




#50
Toluene-d8
Concen: 43.933 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066205.D
Acq: 12 Aug 2020 15:37

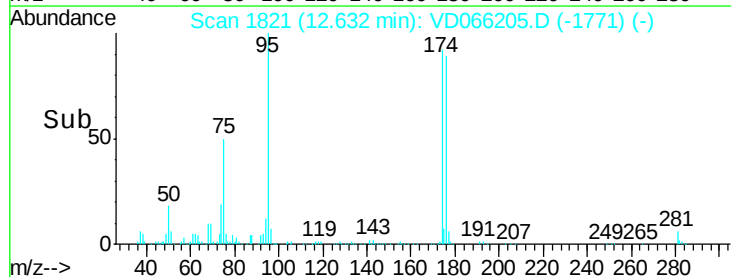
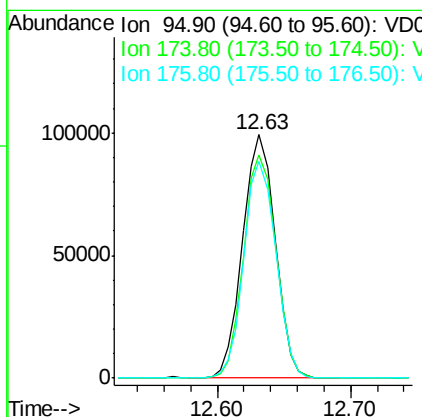
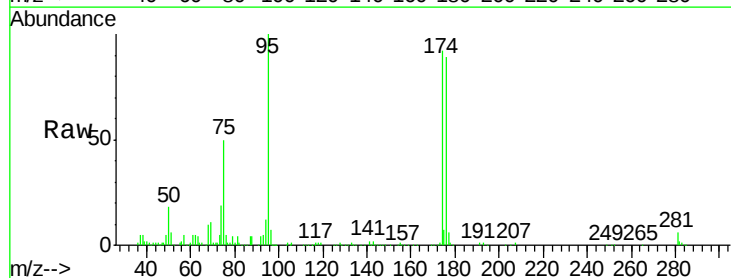
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-2

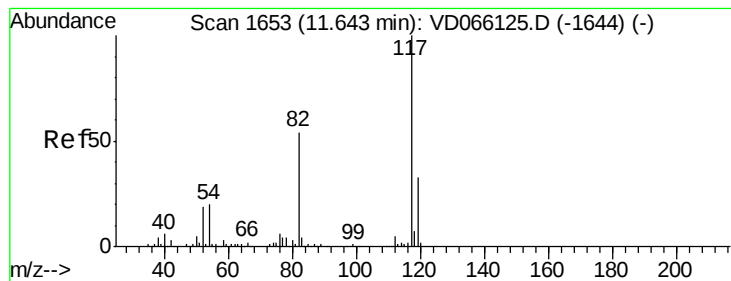
Tot Ion: 98 Resp: 418208
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.987 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066205.D
Acq: 12 Aug 2020 15:37

Tgt Ion: 95 Resp: 168088
Ion Ratio Lower Upper
95 100
174 90.9 0.0 180.8
176 87.7 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: VD066205.D

Acq: 12 Aug 2020 15:37

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-2

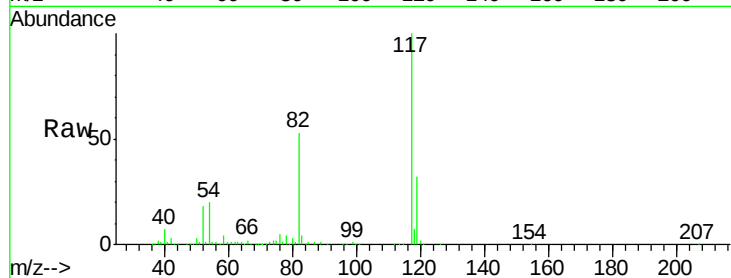
Tot Ion:117 Resp: 365153

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.4

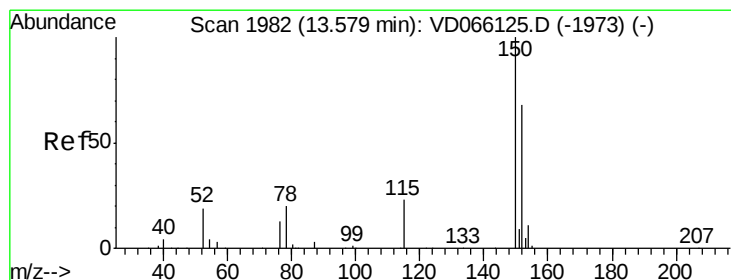
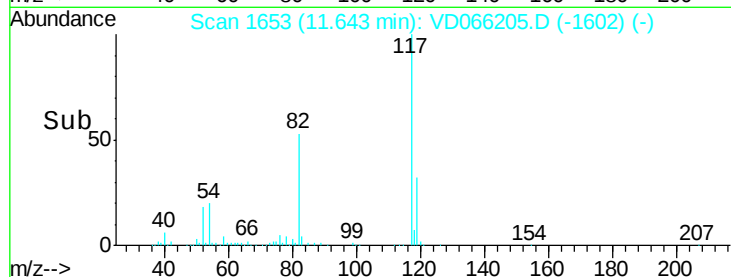
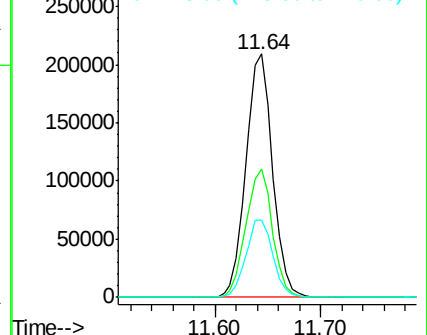
119 31.9 26.1 39.1



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: VD066205.D

Acq: 12 Aug 2020 15:37

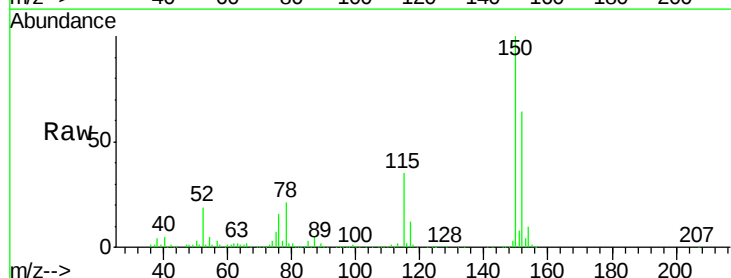
Tgt Ion:152 Resp: 197965

Ion Ratio Lower Upper

152 100

115 56.0 28.0 83.9

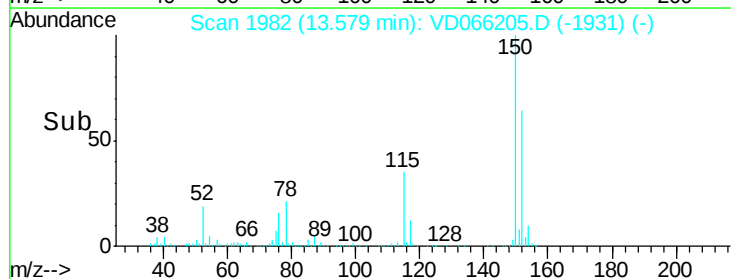
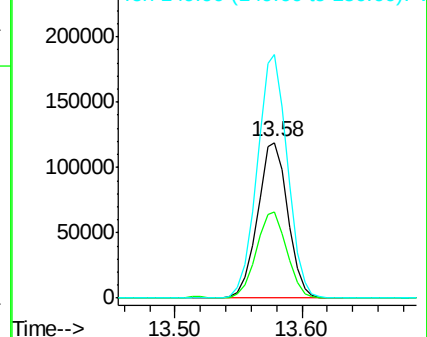
150 156.4 0.0 346.4

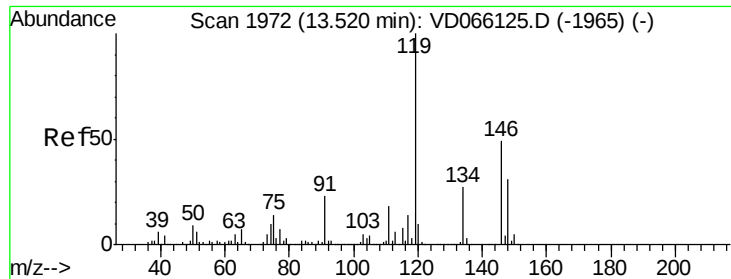


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#86
 p-Isopropyltoluene
 Concen: 1.526 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066205.D
 Acq: 12 Aug 2020 15:37

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-2

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	27.4	11.2	33.5

