

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081220\
 Data File : VD066204.D
 Acq On : 12 Aug 2020 15:09
 Operator : VA/SY
 Sample : L3652-02
 Misc : 6.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-1-B

Quant Time: Aug 12 16:16:49 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

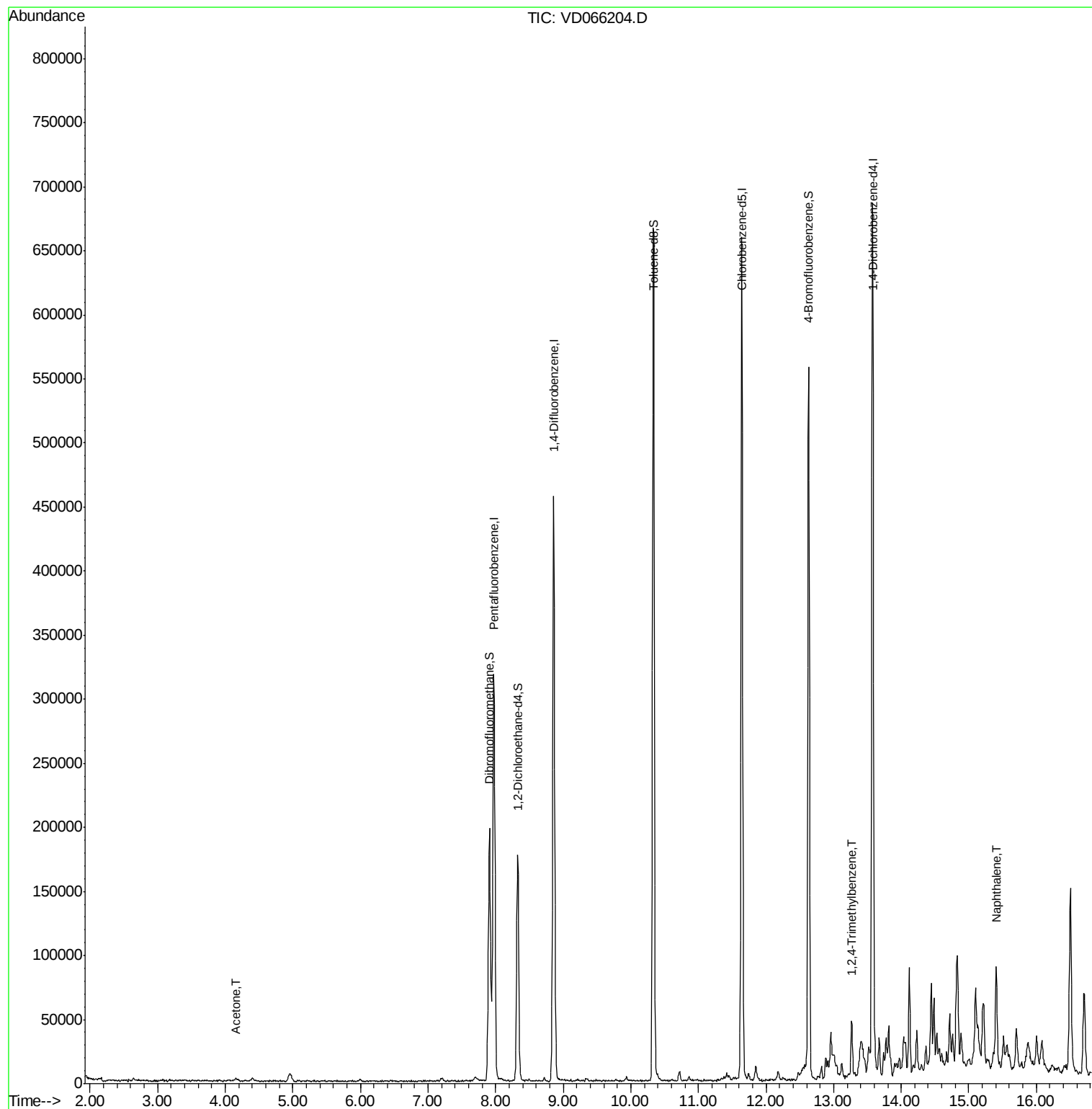
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	253128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	400114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	380255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	191877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	137736	60.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.98%	
35) Dibromofluoromethane	7.91	113	134453	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
50) Toluene-d8	10.34	98	461114	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.63	95	169155	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
Target Compounds						
16) Acetone	4.16	43	3876	9.046	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	24798	2.313	ug/l	97
95) Naphthalene	15.41	128	67508	10.259	ug/l	98

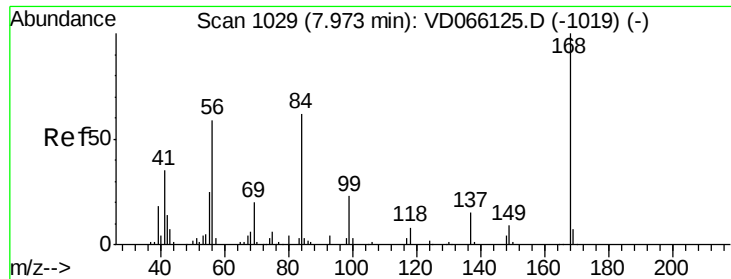
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
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: VD066204.D

Acq: 12 Aug 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

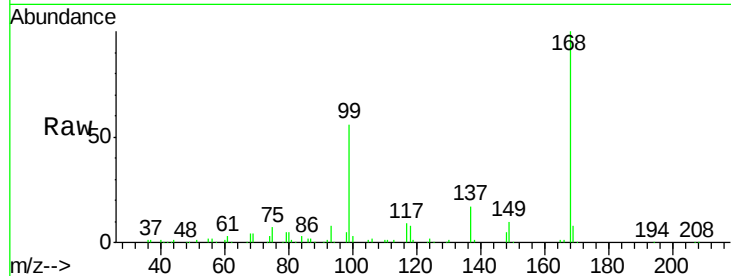
STOCKPILE-1-B

Tot Ion:168 Resp: 253128

Ion Ratio Lower Upper

168 100

99 55.6 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

120000

100000

80000

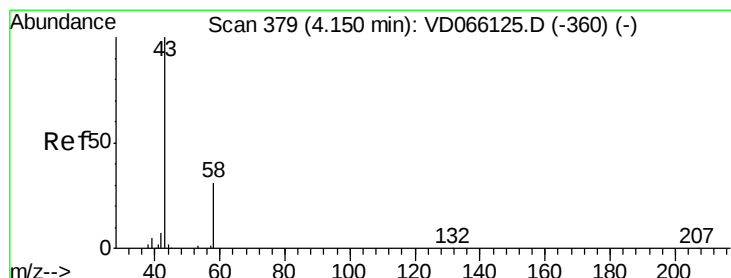
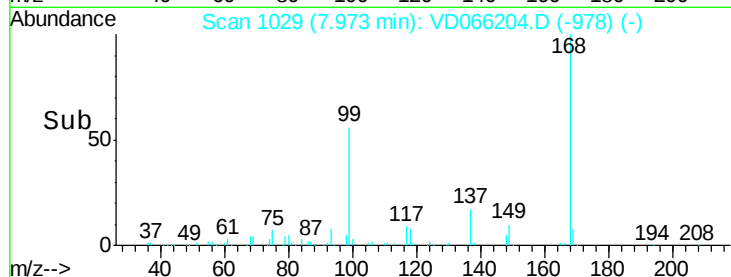
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.046 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066204.D

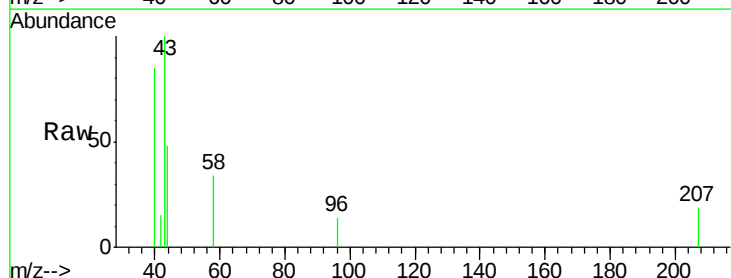
Acq: 12 Aug 2020 15:09

Tgt Ion: 43 Resp: 3876

Ion Ratio Lower Upper

43 100

58 33.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

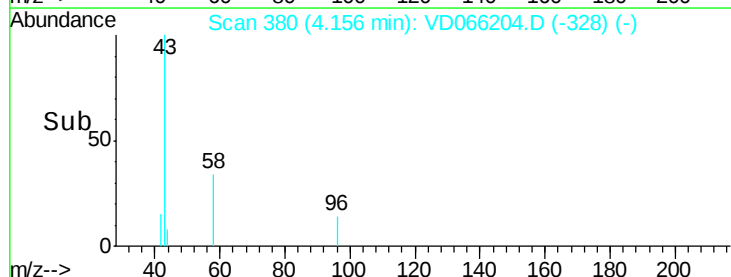
1500

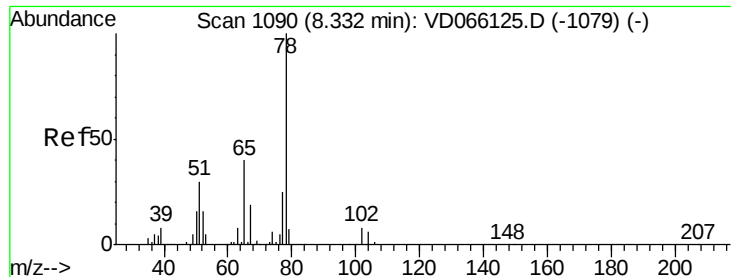
1000

500

0

Time-->

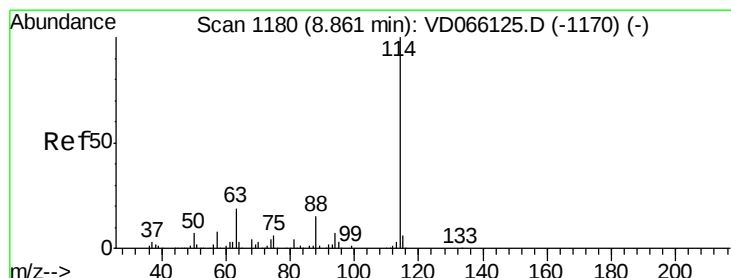
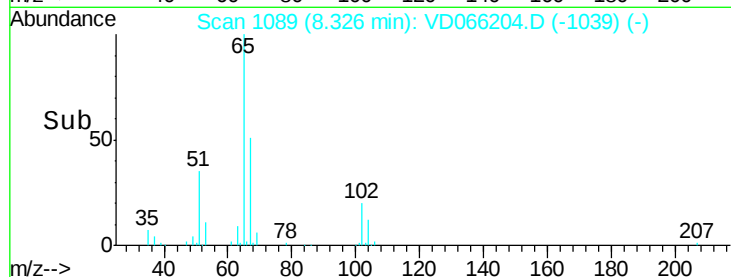
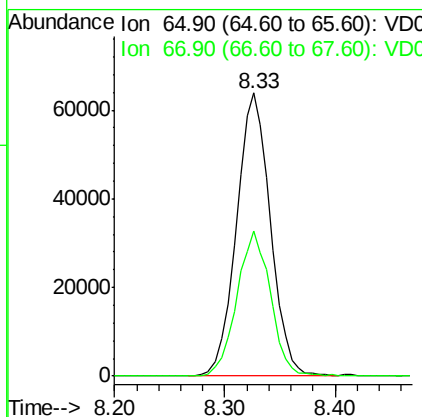
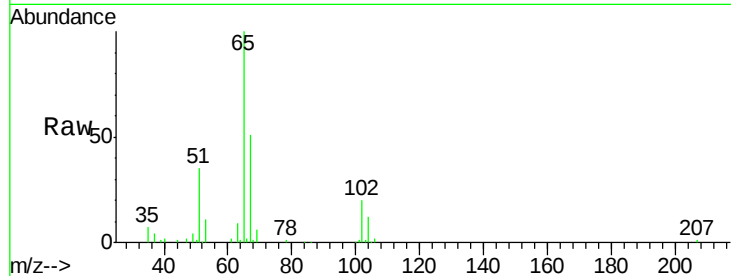




#33
 1,2-Dichloroethane-d4
 Concen: 60.991 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066204.D
 Acq: 12 Aug 2020 15:09

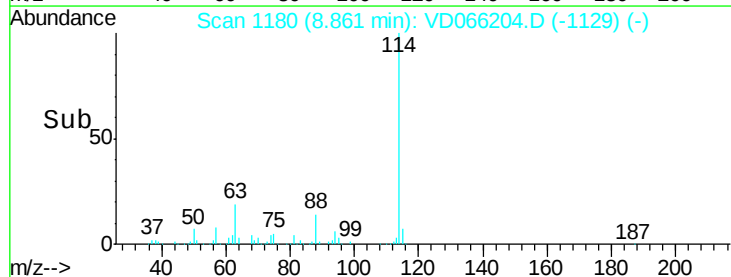
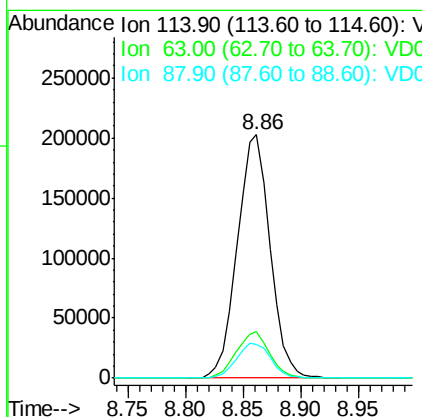
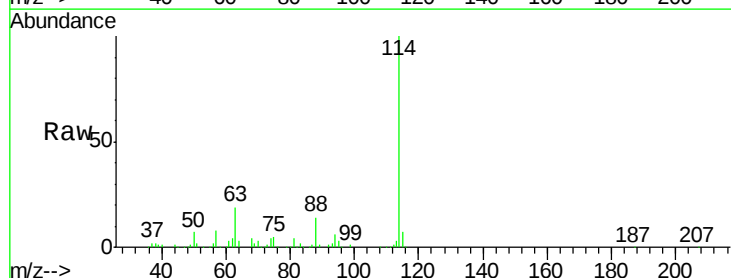
Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-1-B

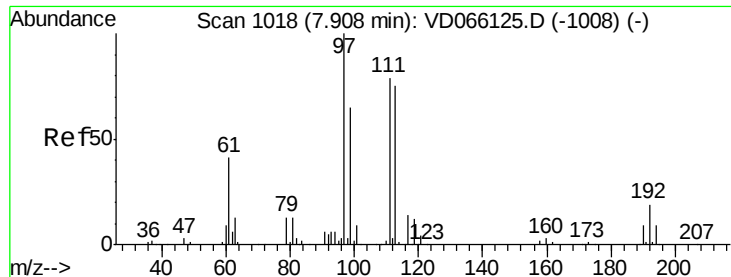
Tot Ion: 65 Resp: 137736
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066204.D
 Acq: 12 Aug 2020 15:09

Tgt Ion: 114 Resp: 400114
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 14.1 0.0 30.0

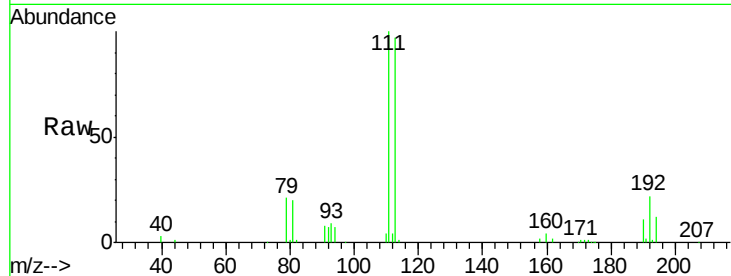




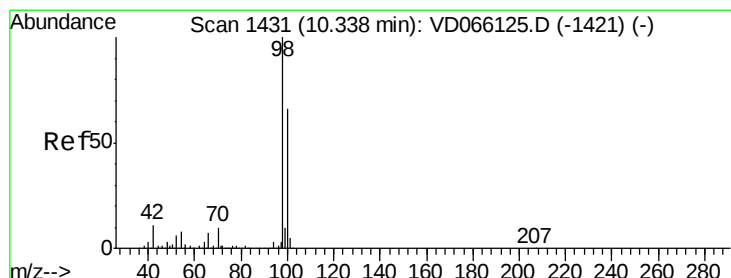
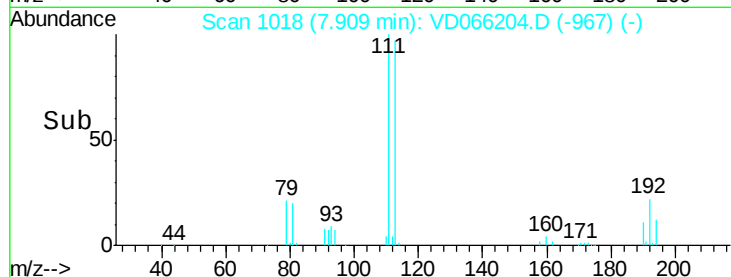
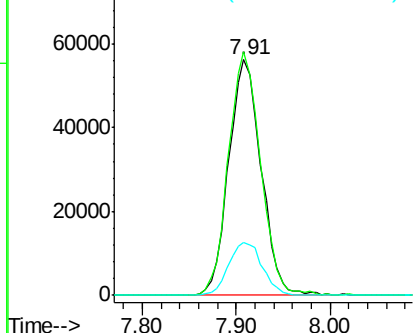
#35
 Dibromofluoromethane
 Concen: 53.045 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066204.D
 Acq: 12 Aug 2020 15:09

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-1-B

Tot Ion:113 Resp: 134453
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 23.3 18.4 27.6

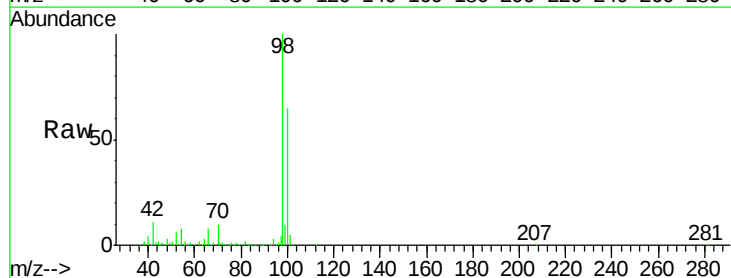


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

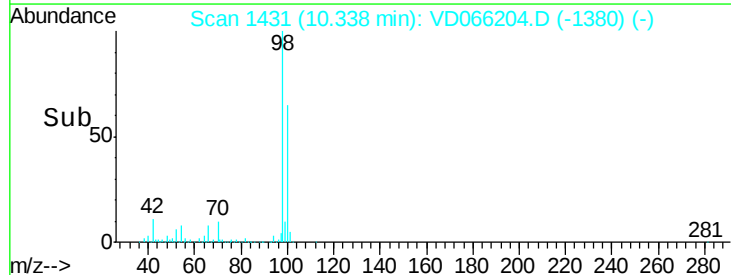
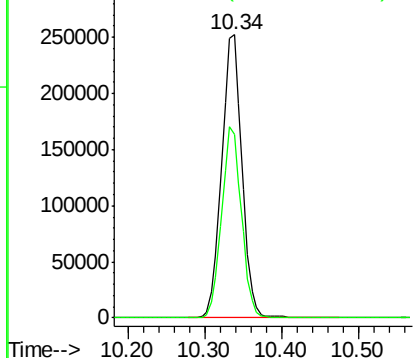


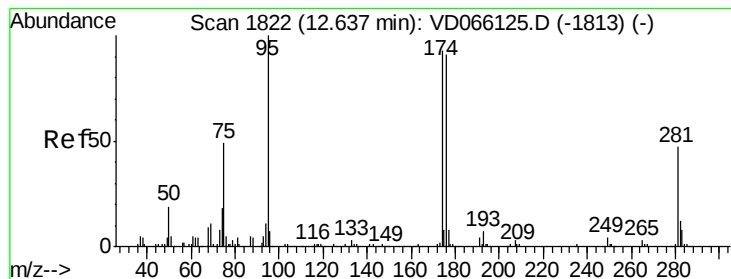
#50
 Toluene-d8
 Concen: 49.298 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066204.D
 Acq: 12 Aug 2020 15:09

Tgt Ion: 98 Resp: 461114
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 50.170 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066204.D

Acq: 12 Aug 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-1-B

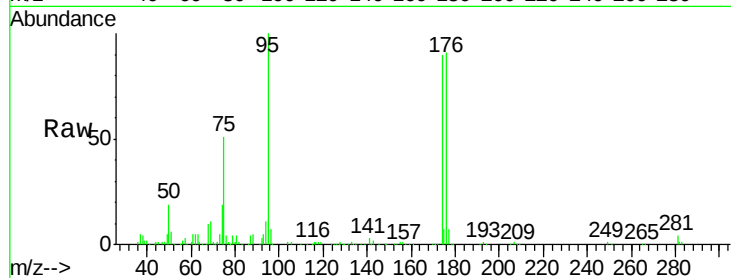
Tot Ion: 95 Resp: 169155

Ion Ratio Lower Upper

95 100

174 92.4 0.0 180.8

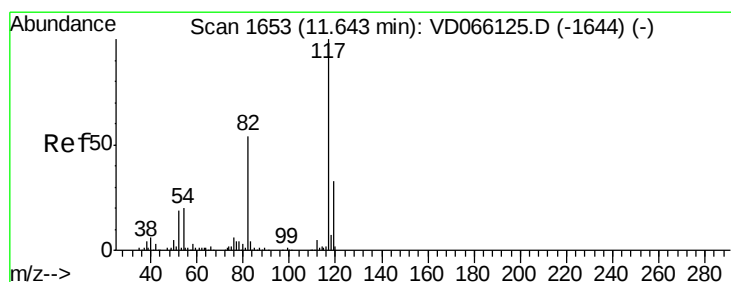
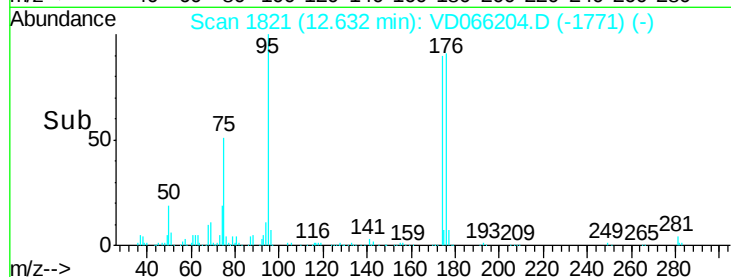
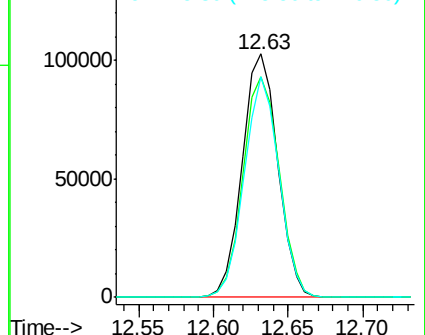
176 88.4 0.0 181.2



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: VD066204.D

Acq: 12 Aug 2020 15:09

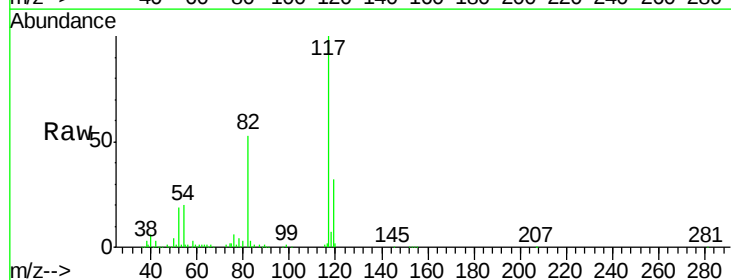
Tgt Ion: 117 Resp: 380255

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

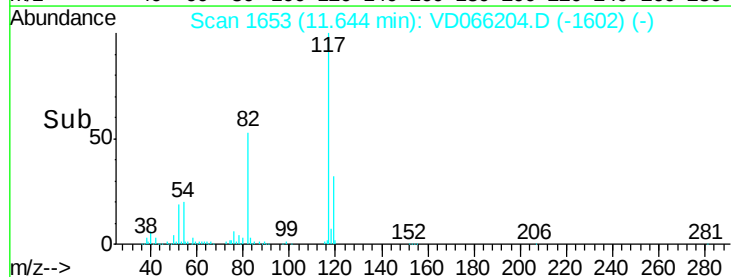
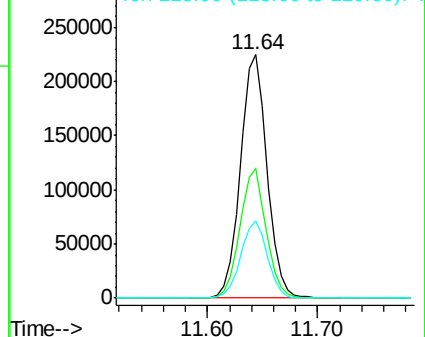
119 31.9 26.1 39.1

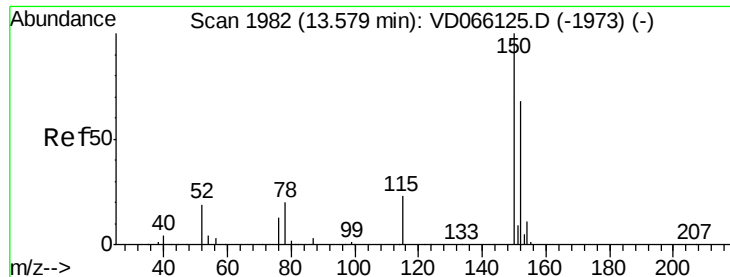


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066204.D

Acq: 12 Aug 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-1-B

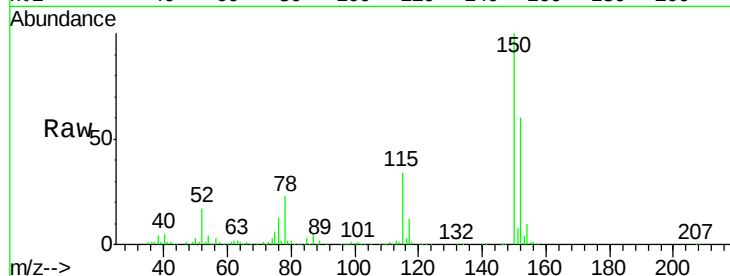
Tot Ion:152 Resp: 191877

Ion Ratio Lower Upper

152 100

115 55.5 28.0 83.9

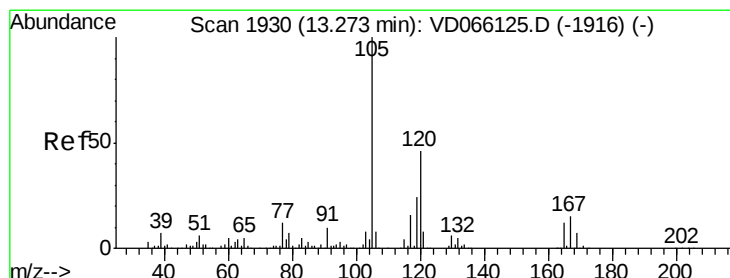
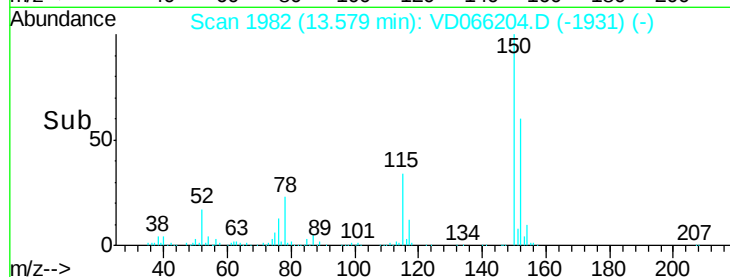
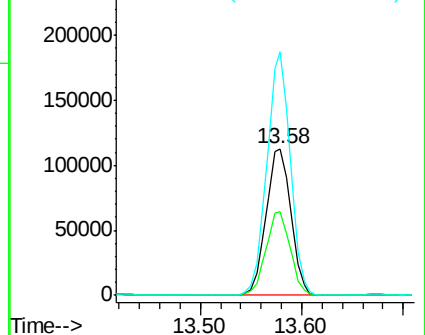
150 155.6 0.0 346.4



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



#84

1,2,4-Trimethylbenzene

Concen: 2.313 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066204.D

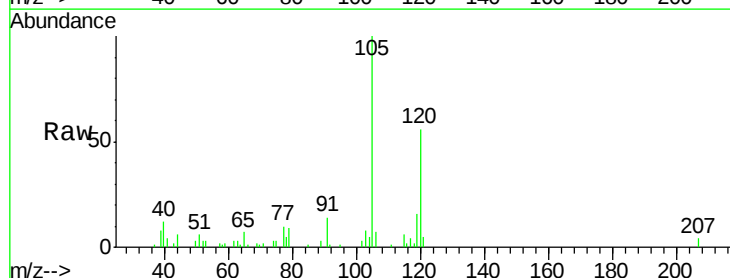
Acq: 12 Aug 2020 15:09

Tgt Ion:105 Resp: 24798

Ion Ratio Lower Upper

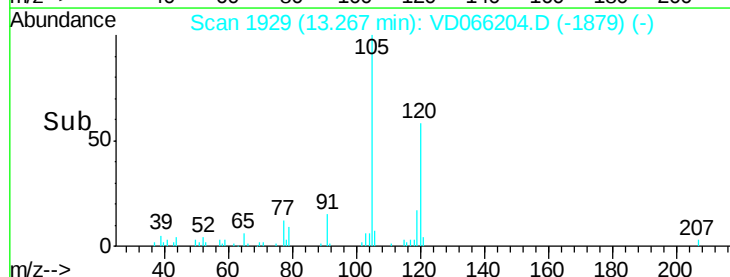
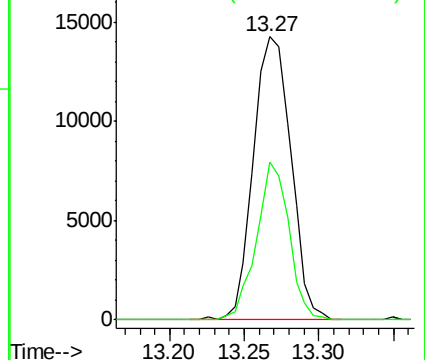
105 100

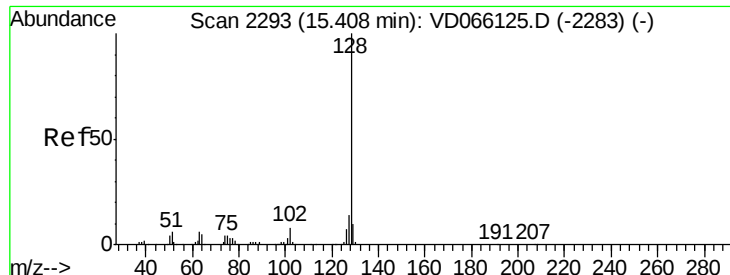
120 48.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 10.259 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066204.D

Acq: 12 Aug 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-1-B

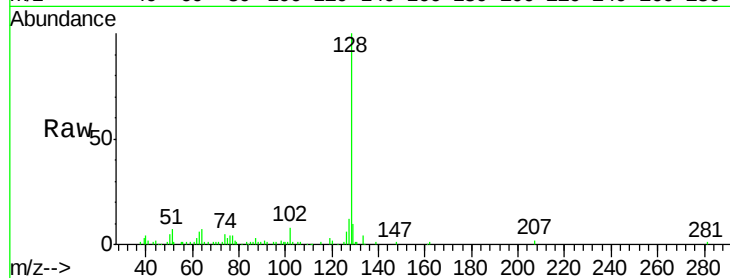
Tot Ion:128 Resp: 67508

Ion Ratio Lower Upper

128 100

127 14.0 11.0 16.4

129 12.2 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

