

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066603.D
 Acq On : 10 Sep 2020 02:11
 Operator : VA/SY
 Sample : L3870-01
 Misc : 6.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-090820

Quant Time: Sep 10 03:38:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

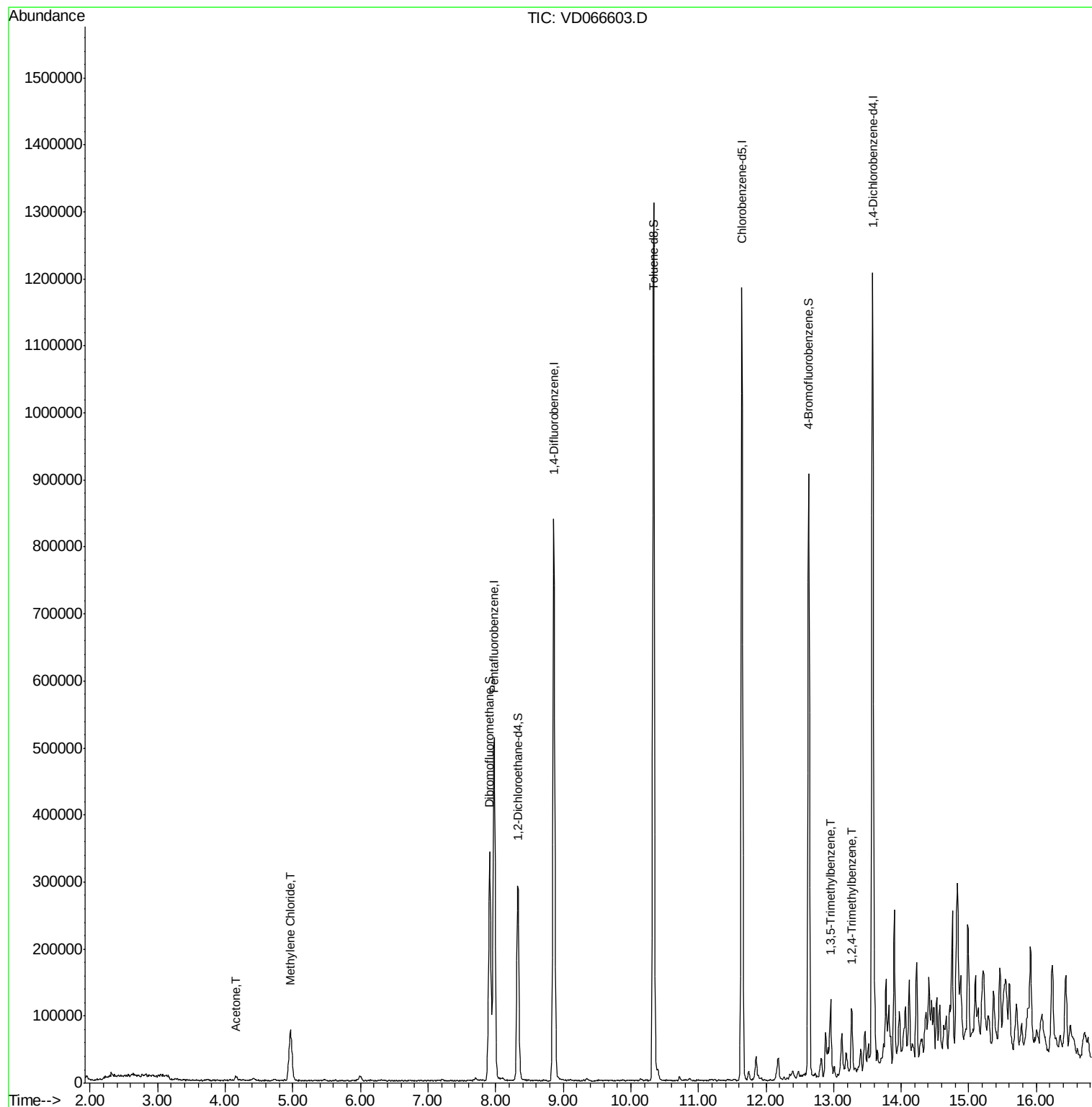
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	335838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	672452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	627104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	241278	59.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.76%	
35) Dibromofluoromethane	7.91	113	234052	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	10.34	98	836183	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.63	95	280443	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
Target Compounds						
16) Acetone	4.16	43	10562	14.127	ug/l	89
20) Methylene Chloride	4.97	84	54233	7.713	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	21650	1.211	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	50797	2.853	ug/l	100

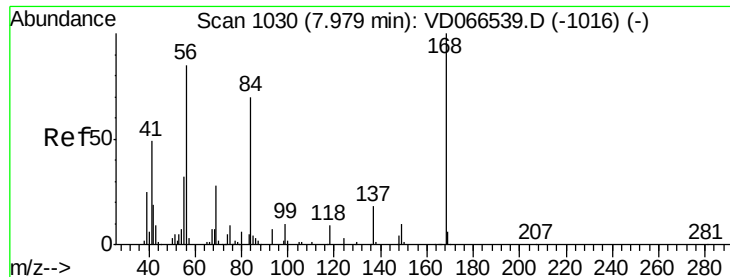
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066603.D

Acq: 10 Sep 2020 02:11

Instrument :

MSVOA_D

ClientSampleId :

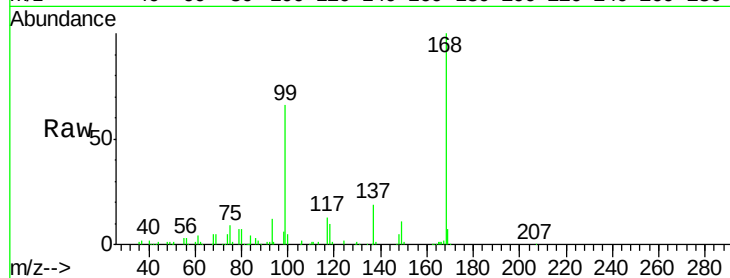
SU-04-090820

Tot Ion:168 Resp: 335838

Ion Ratio Lower Upper

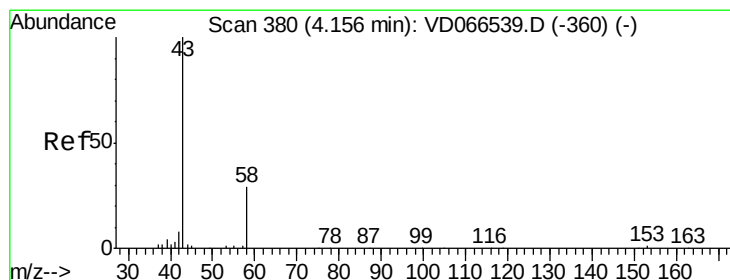
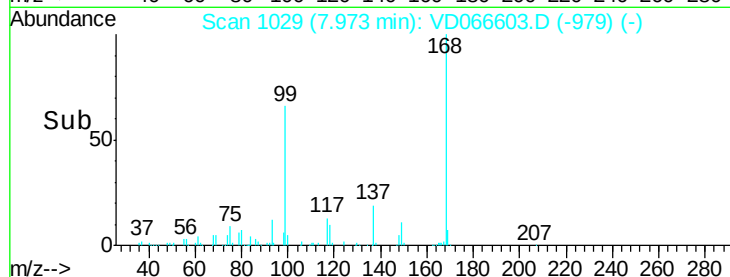
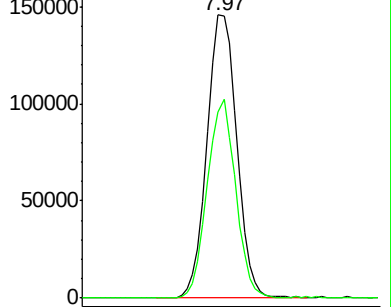
168 100

99 65.7 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 14.127 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066603.D

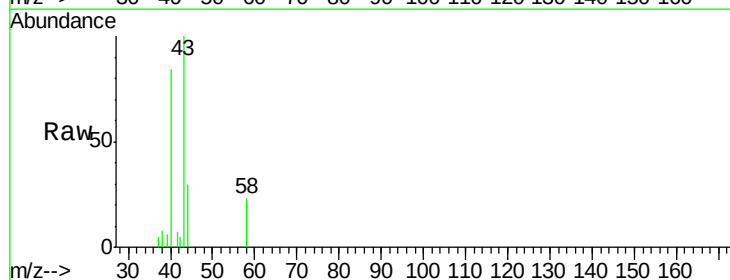
Acq: 10 Sep 2020 02:11

Tgt Ion: 43 Resp: 10562

Ion Ratio Lower Upper

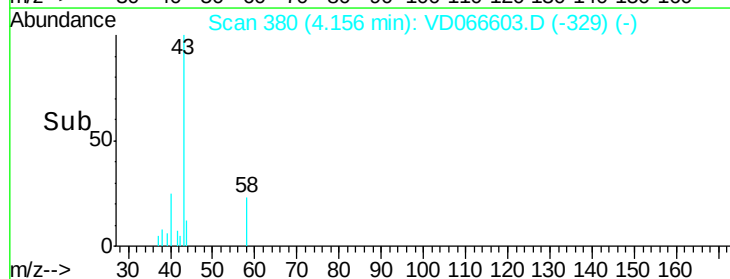
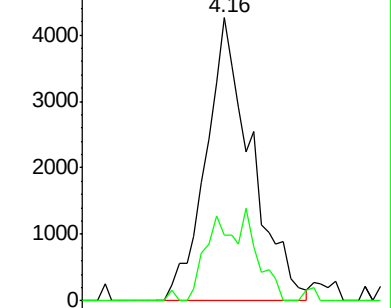
43 100

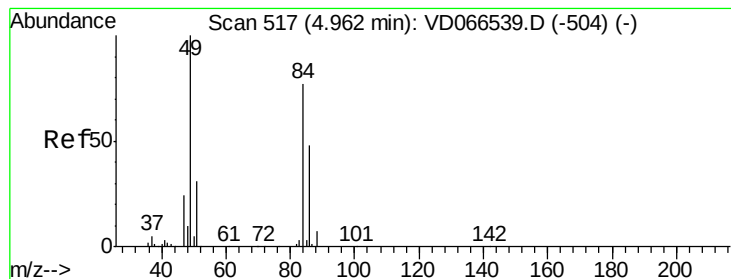
58 23.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 7.713 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066603.D

Acq: 10 Sep 2020 02:11

Instrument :

MSVOA_D

ClientSampleId :

SU-04-090820

Tot Ion: 84 Resp: 54233

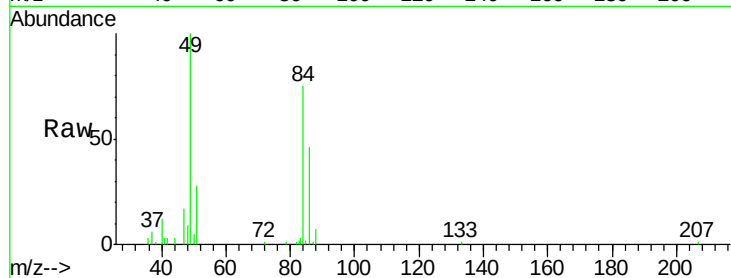
Ion Ratio Lower Upper

84 100

49 132.8 104.3 156.5

51 37.6 32.2 48.4

86 61.4 50.0 75.0

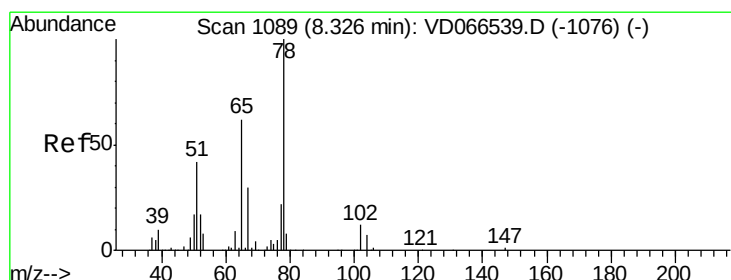
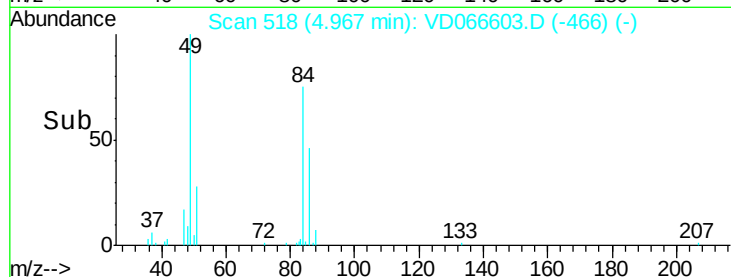
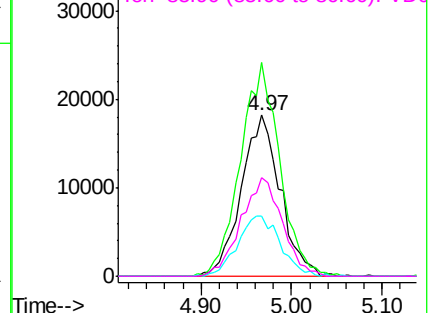


Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.379 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066603.D

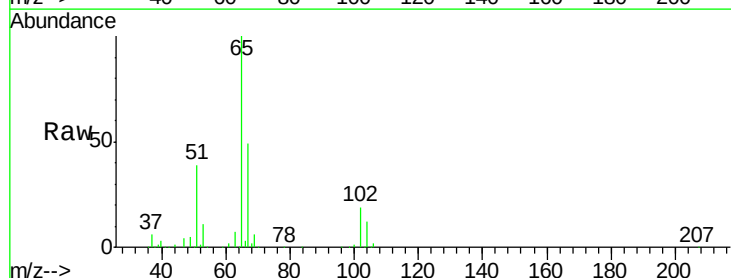
Acq: 10 Sep 2020 02:11

Tgt Ion: 65 Resp: 241278

Ion Ratio Lower Upper

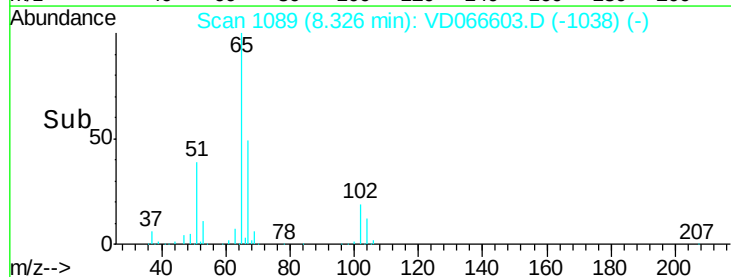
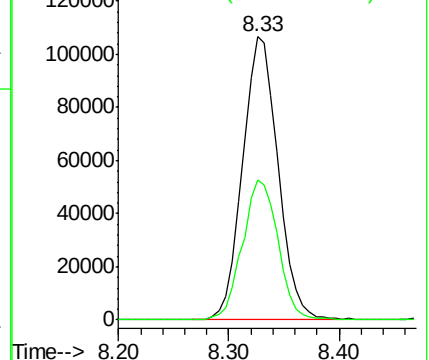
65 100

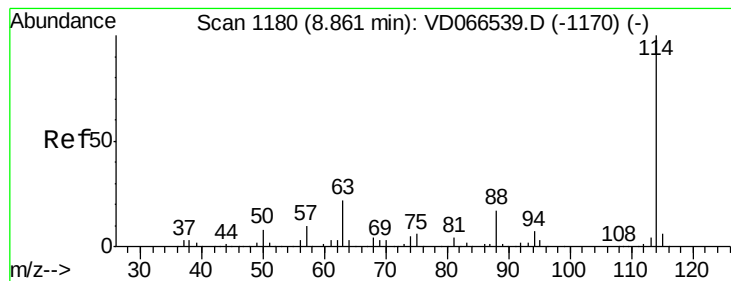
67 49.5 0.0 102.8



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: VD066603.D

Acq: 10 Sep 2020 02:11

Instrument :

MSVOA_D

ClientSampleId :

SU-04-090820

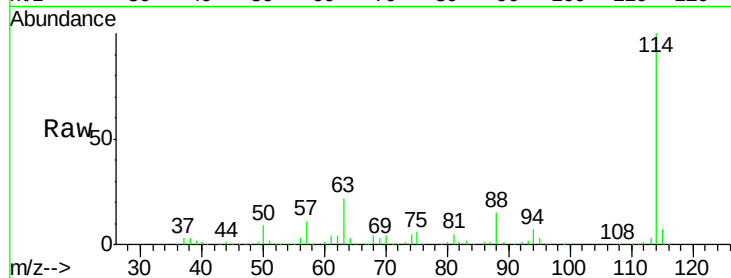
Tot Ion:114 Resp: 672452

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

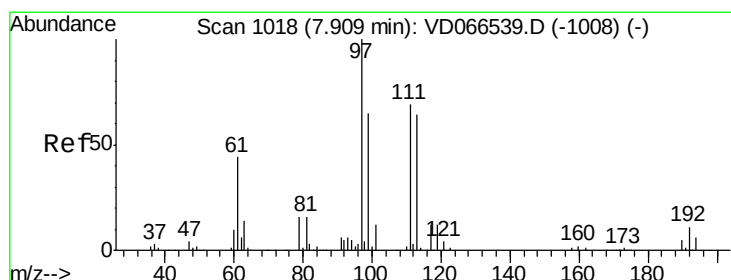
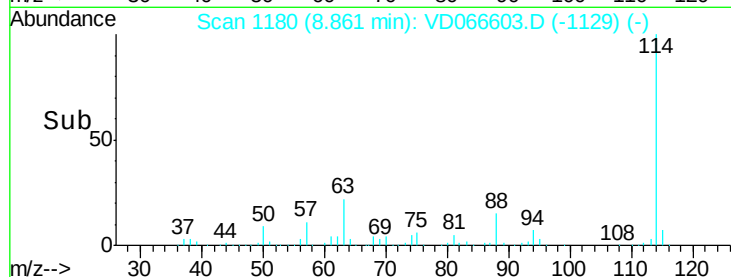
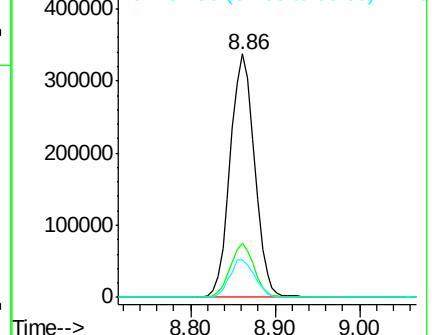
88 15.5 0.0 33.2



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: 51.594 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066603.D

Acq: 10 Sep 2020 02:11

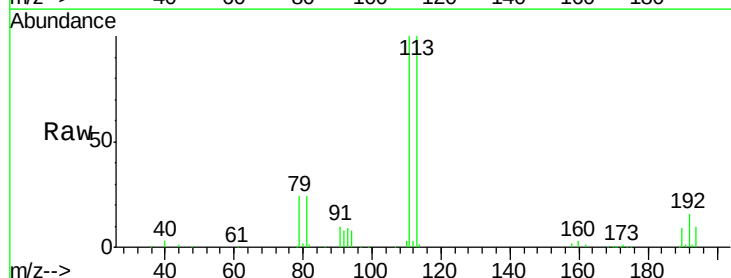
Tgt Ion:113 Resp: 234052

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

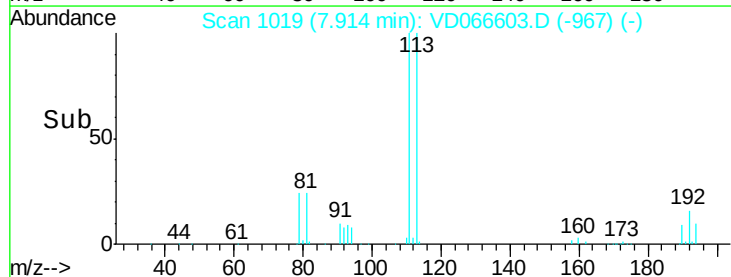
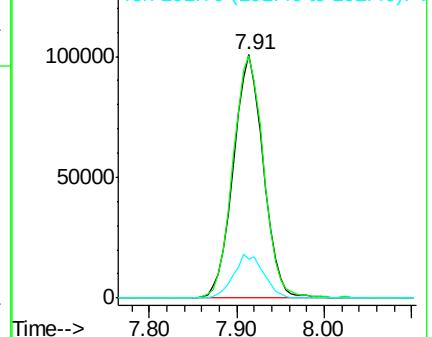
192 17.9 13.7 20.5

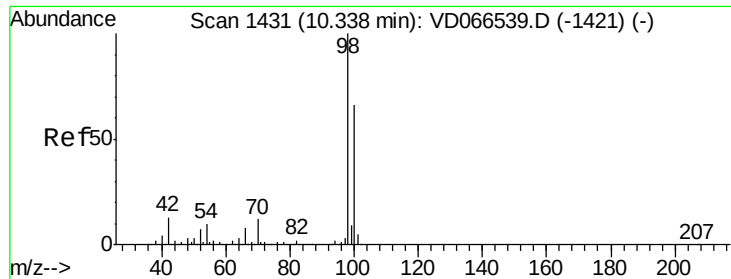


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.572 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066603.D

Acq: 10 Sep 2020 02:11

Instrument :

MSVOA_D

ClientSampleId :

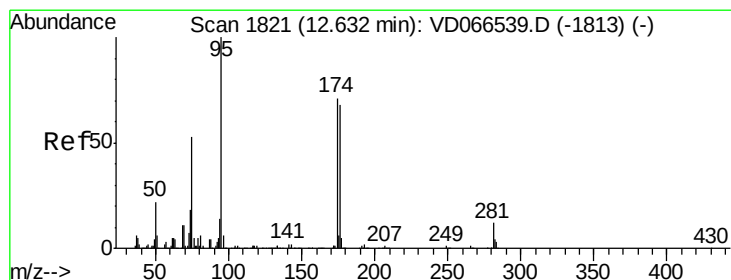
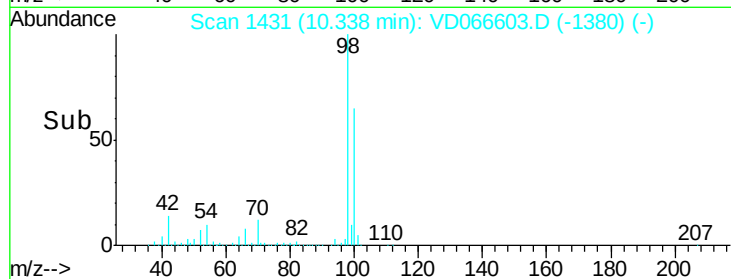
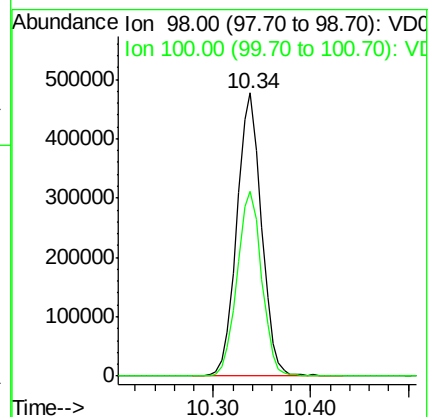
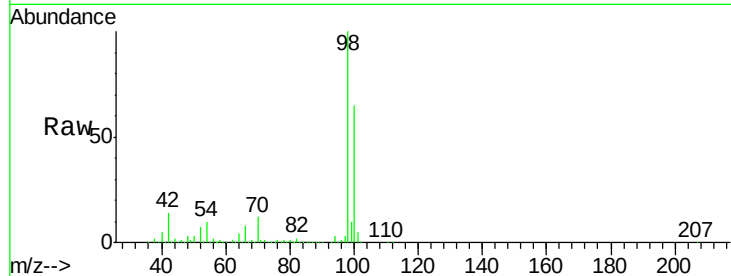
SU-04-090820

Tot Ion: 98 Resp: 836183

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 52.163 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066603.D

Acq: 10 Sep 2020 02:11

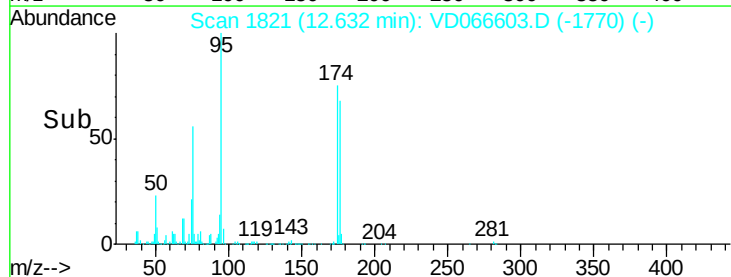
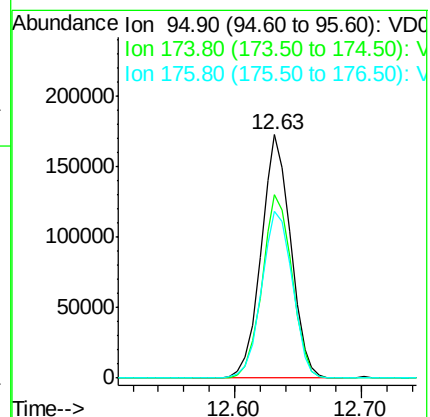
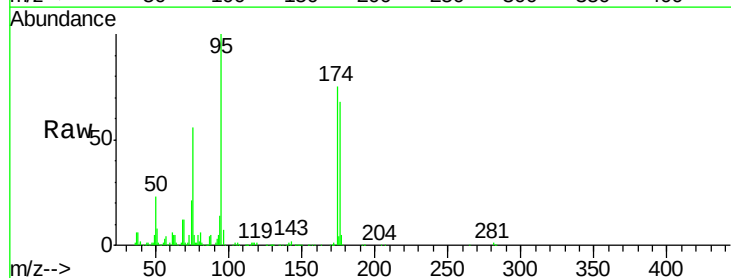
Tgt Ion: 95 Resp: 280443

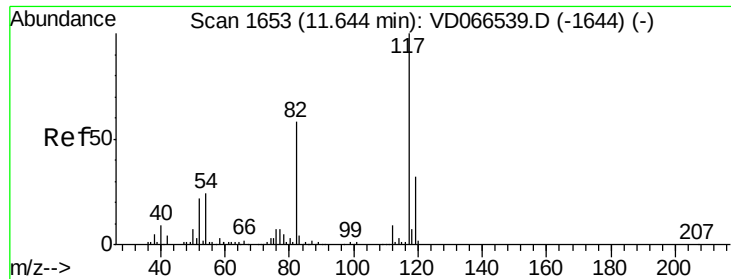
Ion Ratio Lower Upper

95 100

174 76.1 0.0 155.8

176 71.6 0.0 148.6

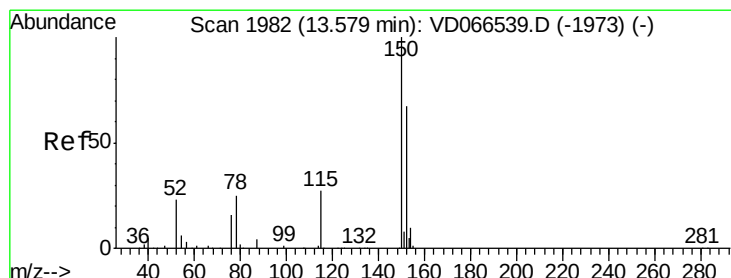
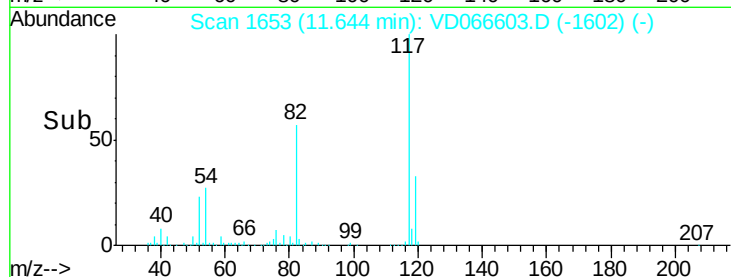
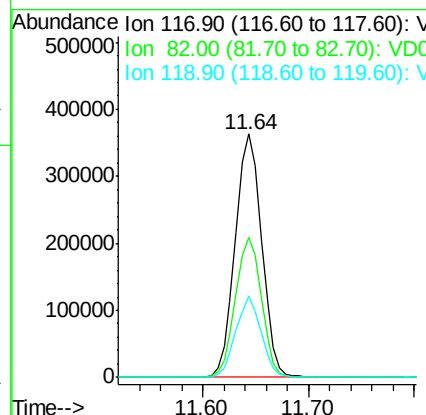
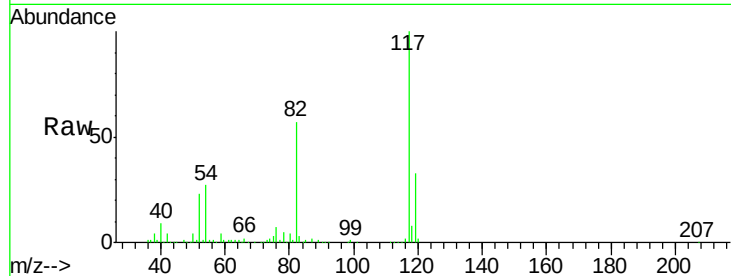




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066603.D
Acq: 10 Sep 2020 02:11

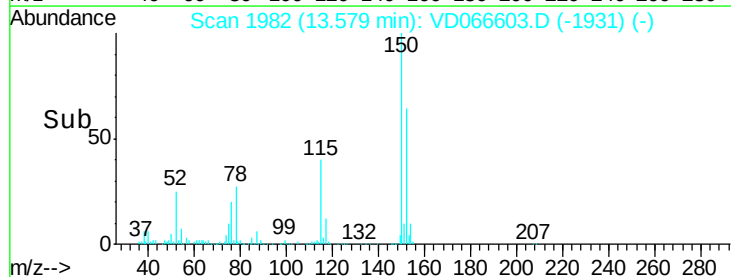
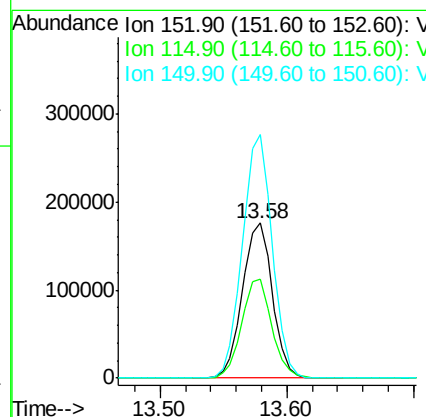
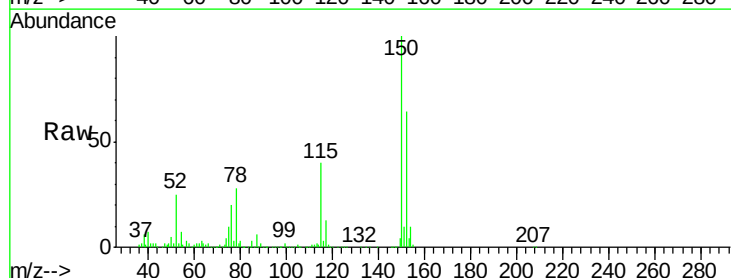
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SU-04-090820

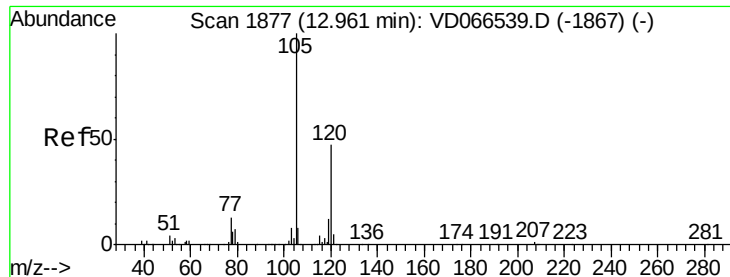
Tot Ion:117 Resp: 627104
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.2
119 33.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066603.D
Acq: 10 Sep 2020 02:11

Tgt Ion:152 Resp: 286927
Ion Ratio Lower Upper
152 100
115 64.4 30.4 91.2
150 156.7 0.0 345.8

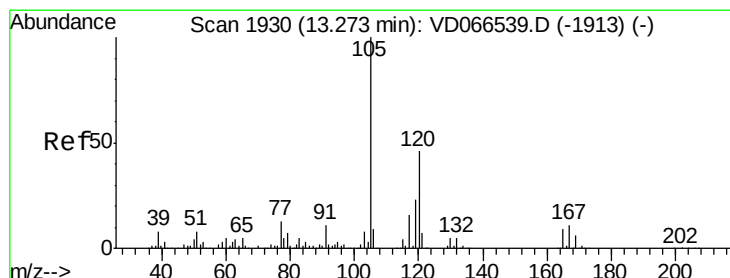
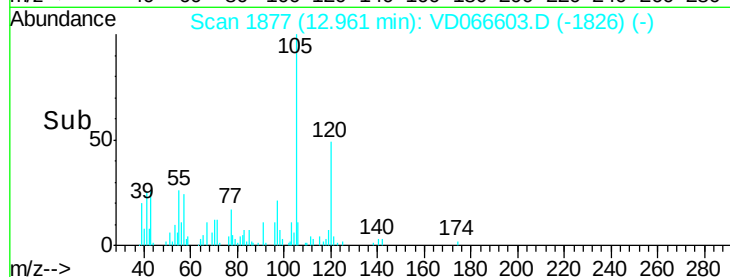
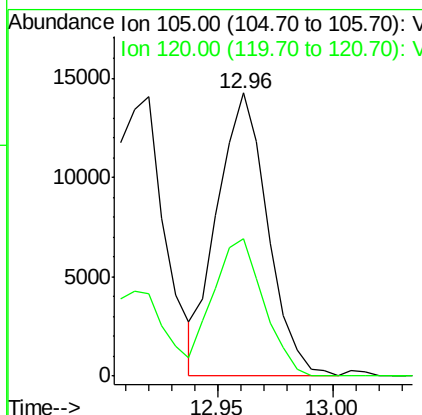
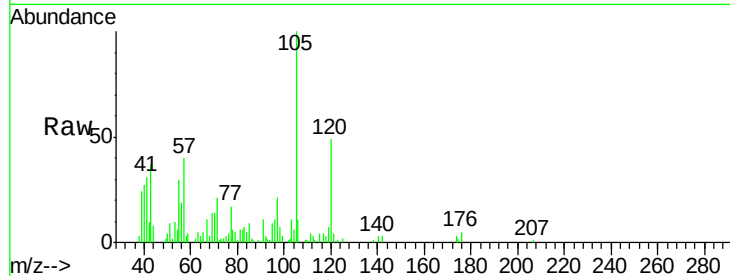




#80
 1,3,5-Trimethylbenzene
 Concen: 1.211 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066603.D
 Acq: 10 Sep 2020 02:11

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-090820

Tot Ion:105 Resp: 21650
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.9 71.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.853 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066603.D
 Acq: 10 Sep 2020 02:11

Tgt Ion:105 Resp: 50797
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7

