

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066193.D
 Acq On : 11 Aug 2020 18:18
 Operator : VA/SY
 Sample : L3624-17
 Misc : 4.36G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-4

Quant Time: Aug 11 21:10:19 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

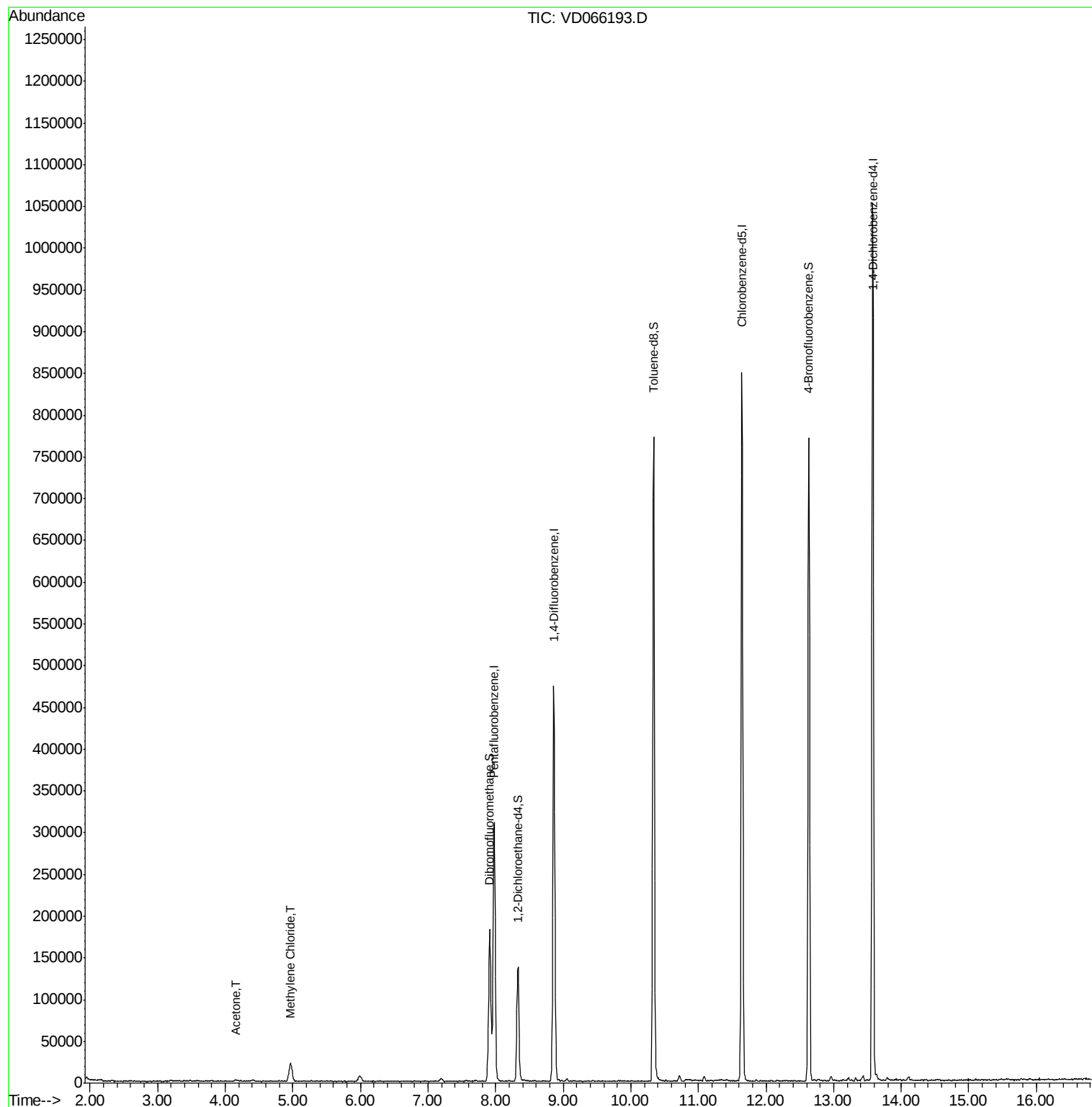
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	246576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	413733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	498174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109138	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	7.91	113	128539	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.34	98	525857	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
62) 4-Bromofluorobenzene	12.63	95	242493	69.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.10%	
Target Compounds						
16) Acetone	4.16	43	3235	7.750	ug/l	94
20) Methylene Chloride	4.96	84	16361	2.383	ug/l #	91

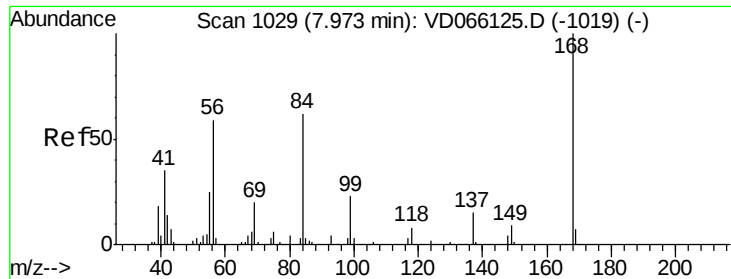
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066193.D

Acq: 11 Aug 2020 18:18

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MSVOA_D

ClientSampleId :

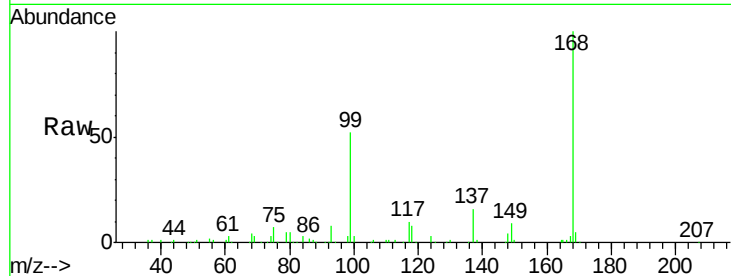
SS-TP-4

Tot Ion:168 Resp: 246576

Ion Ratio Lower Upper

168 100

99 52.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

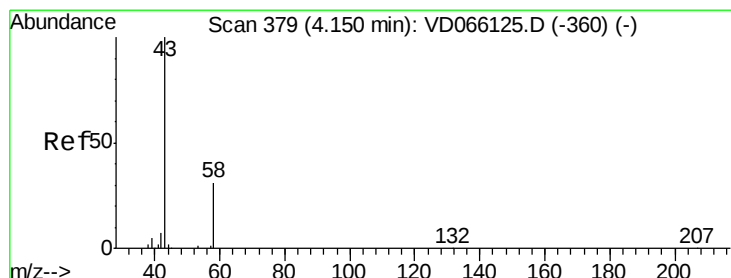
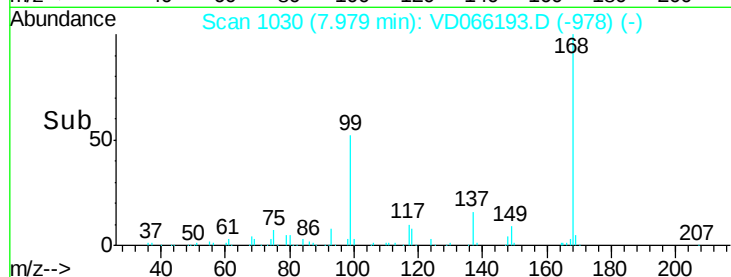
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.750 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066193.D

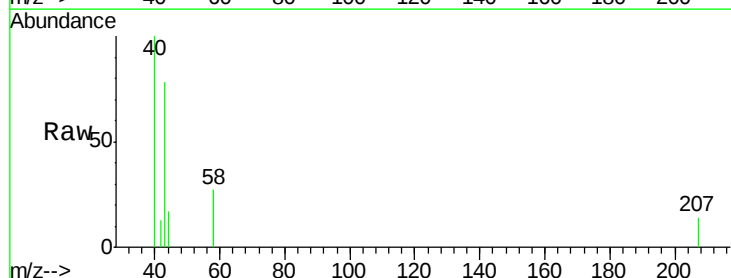
Acq: 11 Aug 2020 18:18

Tgt Ion: 43 Resp: 3235

Ion Ratio Lower Upper

43 100

58 34.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

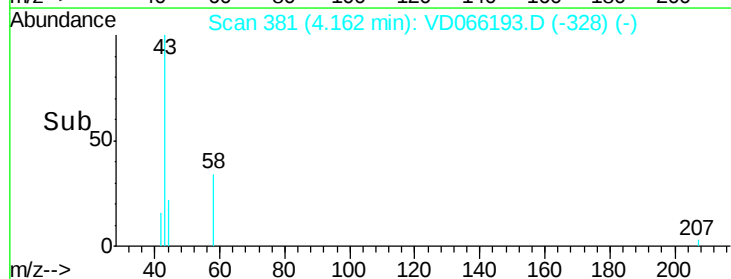
4.16

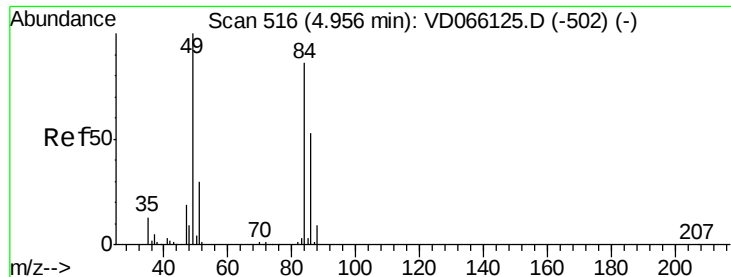
1000

500

0

Time-->

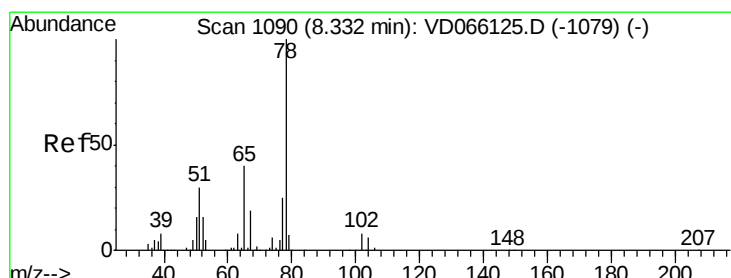
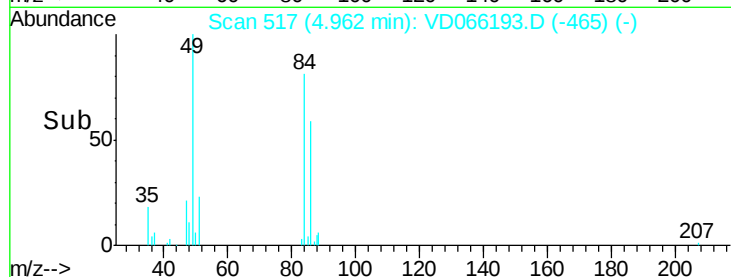
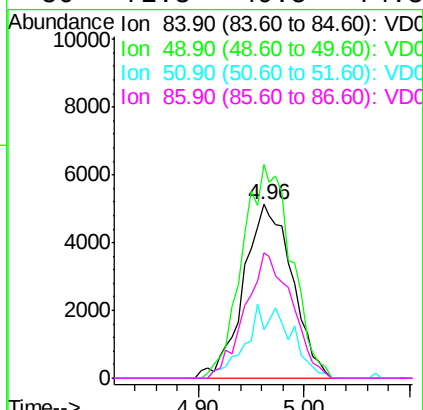
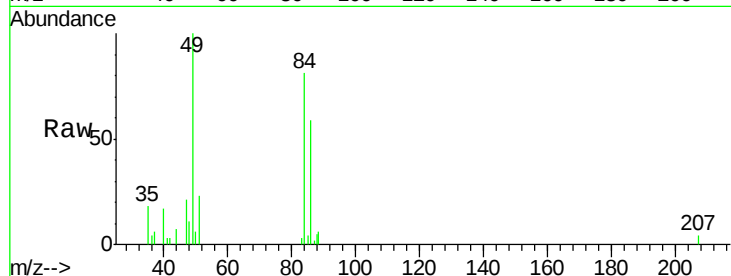




#20
Methvlene Chloride
Concen: 2.383 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

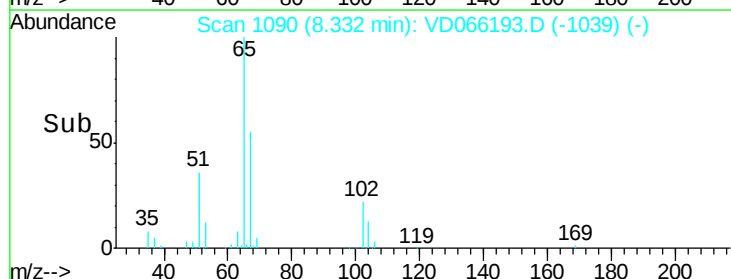
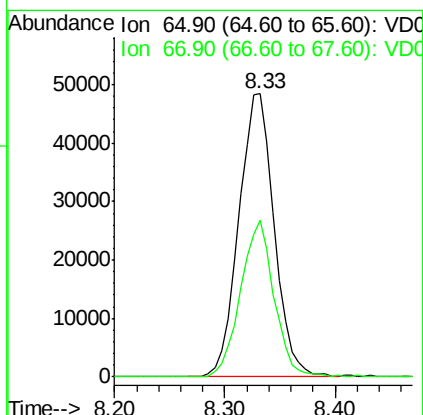
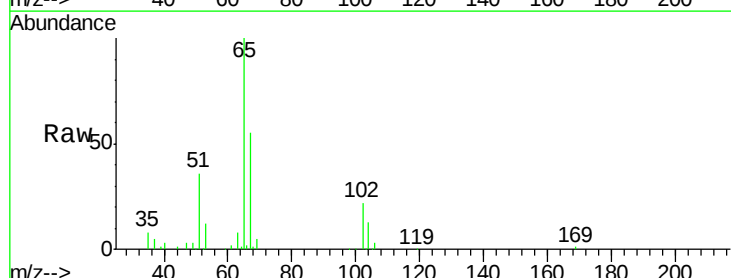
Instrument :
MSVOA_D
ClientSampleId :
SS-TP-4

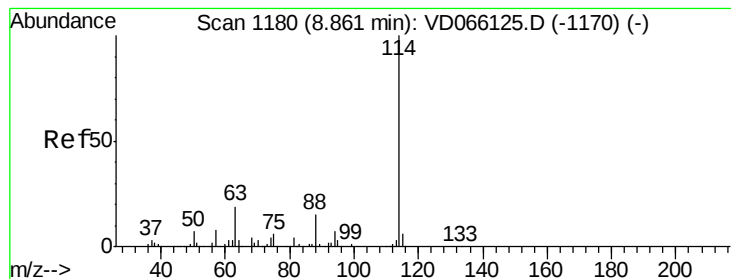
Tot Ion: 84 Resp: 16361
Ion Ratio Lower Upper
84 100
49 122.7 93.5 140.3
51 28.0 28.2 42.4#
86 72.3 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 49.612 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

Tgt Ion: 65 Resp: 109138
Ion Ratio Lower Upper
65 100
67 52.2 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: VD066193.D

Acq: 11 Aug 2020 18:18

Instrument :

MSVOA_D

ClientSampled :

SS-TP-4

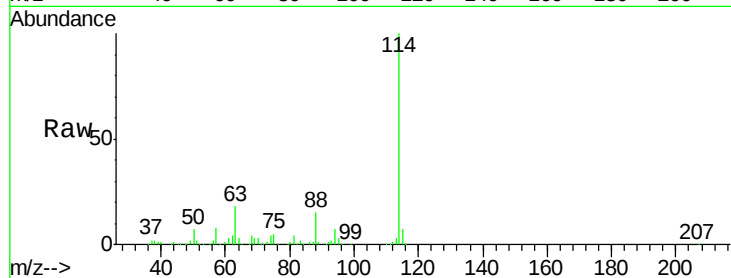
Tot Ion:114 Resp: 413733

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.6

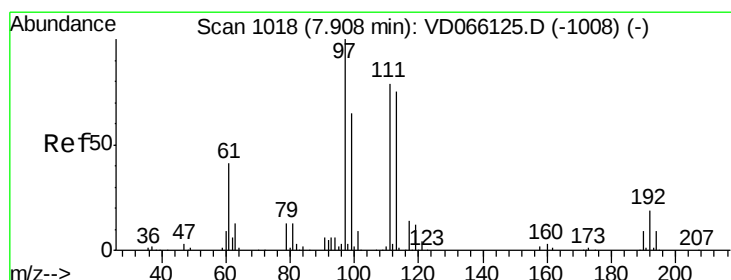
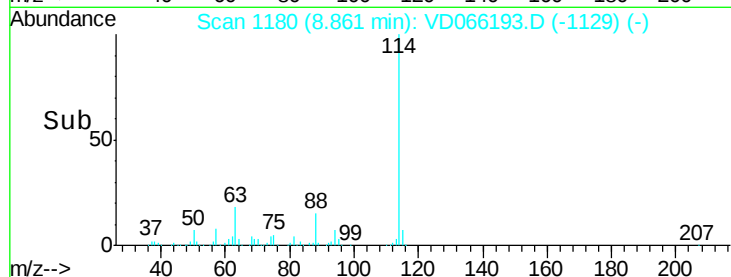
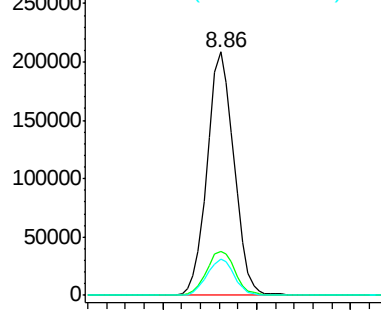
88 14.8 0.0 30.0



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: 49.043 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066193.D

Acq: 11 Aug 2020 18:18

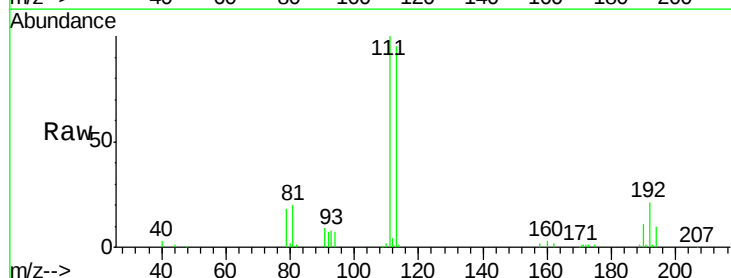
Tgt Ion:113 Resp: 128539

Ion Ratio Lower Upper

113 100

111 102.0 80.7 121.1

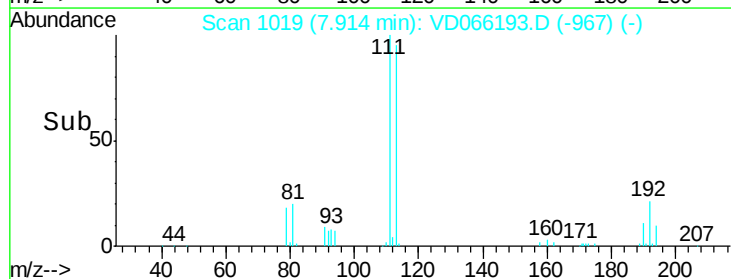
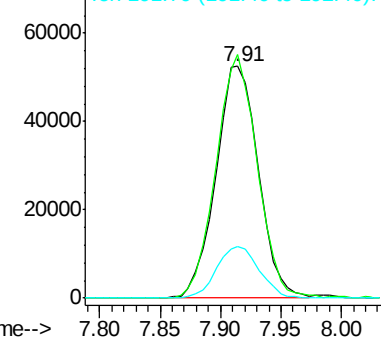
192 22.4 18.4 27.6

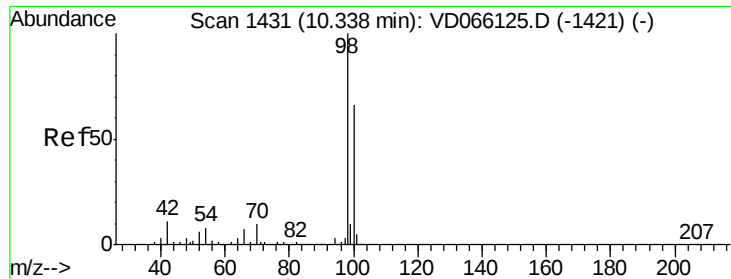


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

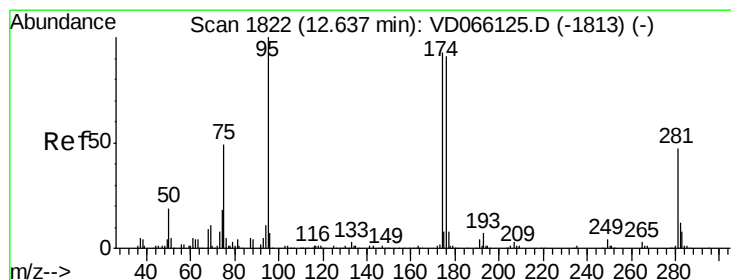
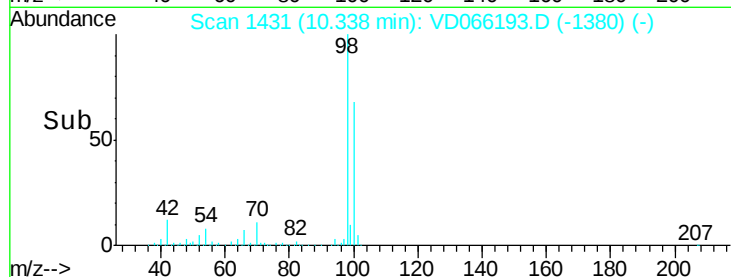
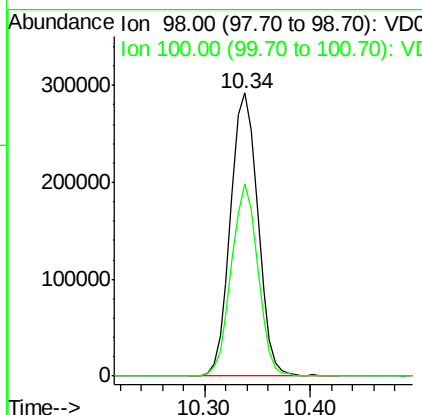
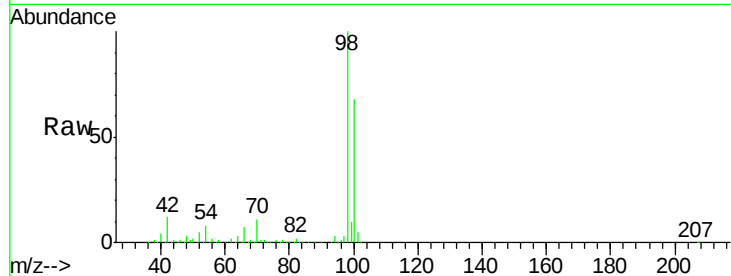




#50
Toluene-d8
Concen: 54.369 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

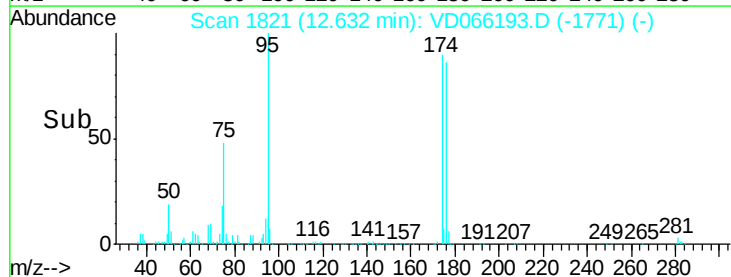
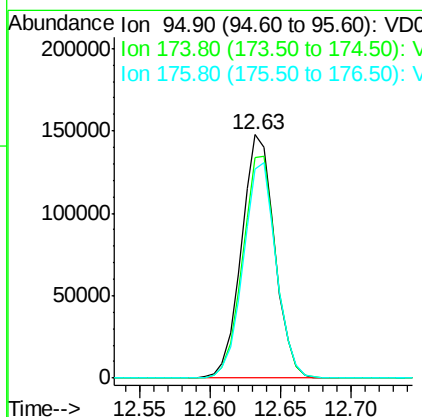
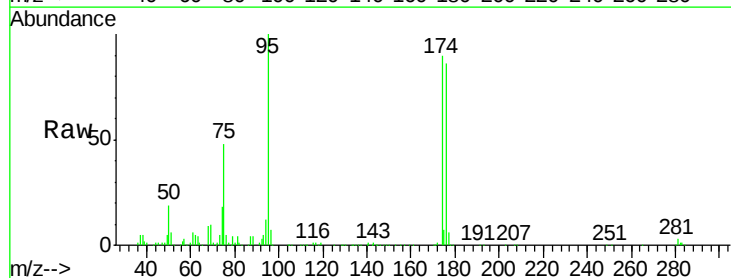
Instrument :
MSVOA_D
ClientSampleId :
SS-TP-4

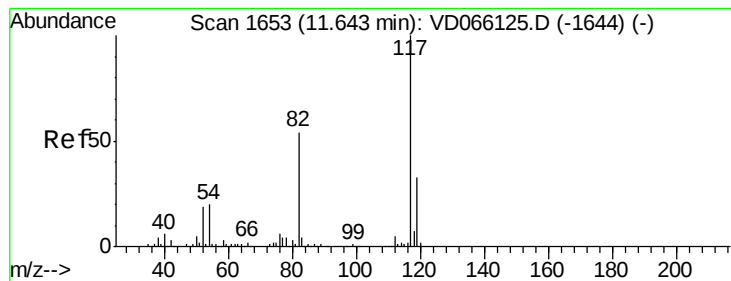
Tot Ion: 98 Resp: 525857
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 69.555 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

Tgt Ion: 95 Resp: 242493
Ion Ratio Lower Upper
95 100
174 91.5 0.0 180.8
176 87.9 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: VD066193.D

Acq: 11 Aug 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

SS-TP-4

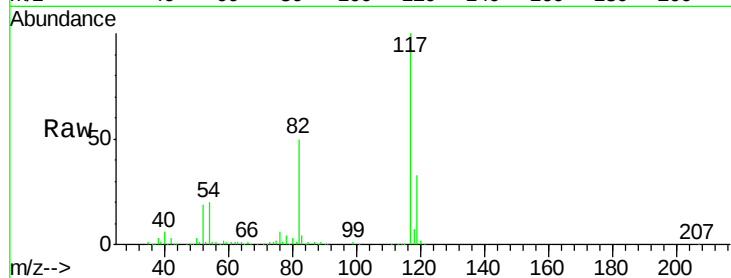
Tot Ion:117 Resp: 498174

Ion Ratio Lower Upper

117 100

82 50.3 43.0 64.4

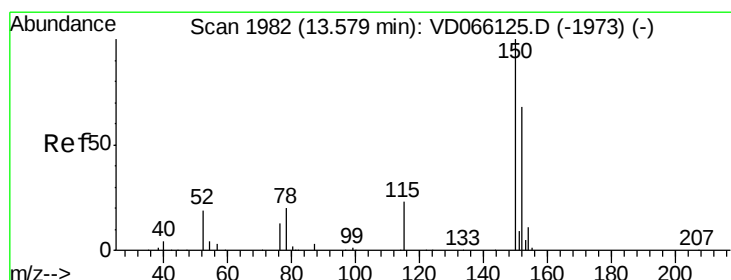
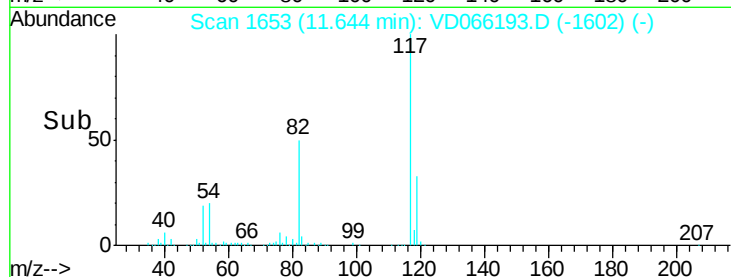
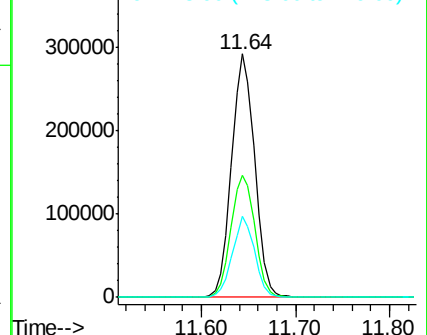
119 33.2 26.1 39.1



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: VD066193.D

Acq: 11 Aug 2020 18:18

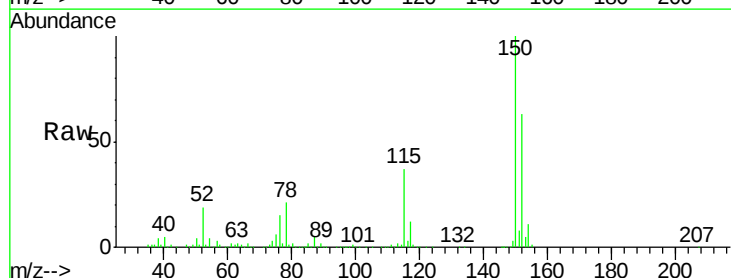
Tgt Ion:152 Resp: 285112

Ion Ratio Lower Upper

152 100

115 56.7 28.0 83.9

150 158.5 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

