

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066722.D
 Acq On : 16 Sep 2020 16:26
 Operator : VA/SY
 Sample : L4018-04
 Misc : 6.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-229

Quant Time: Sep 17 01:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

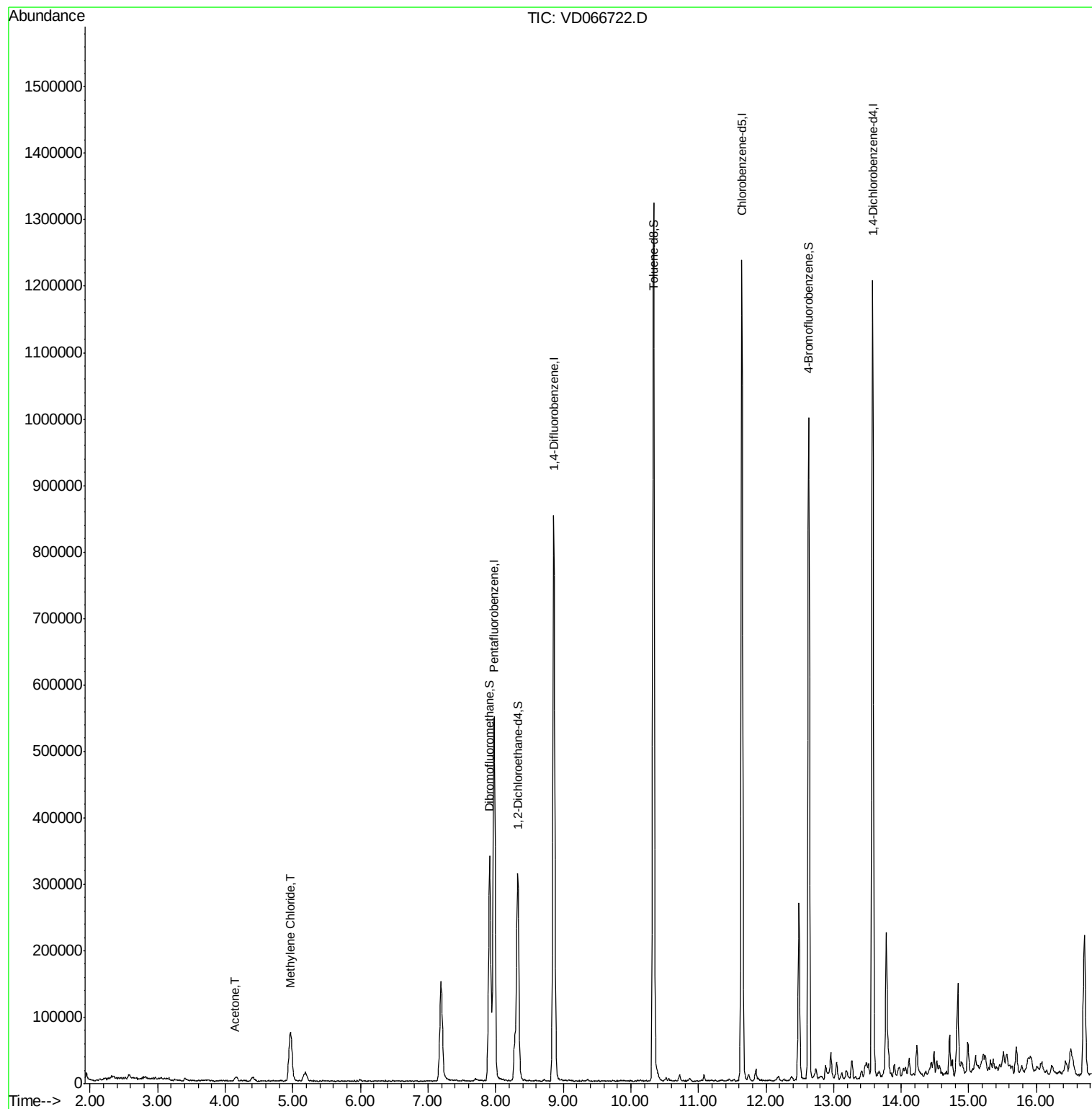
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	385064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	712892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	682026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	302737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	251444	61.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.40%	
35) Dibromofluoromethane	7.91	113	243099	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
50) Toluene-d8	10.34	98	865513	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
62) 4-Bromofluorobenzene	12.63	95	317137	59.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.00%	
Target Compounds						
16) Acetone	4.15	43	12317	14.722	ug/l	97
20) Methylene Chloride	4.96	84	57278	6.302	ug/l #	93

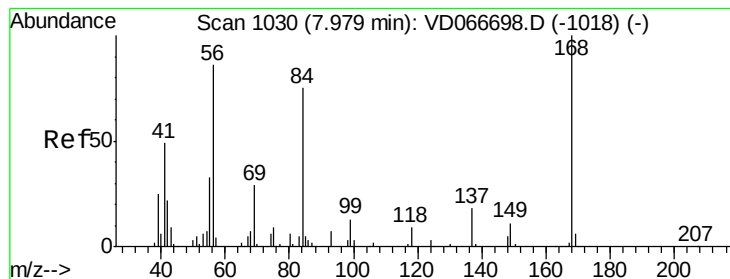
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066722.D

Acq: 16 Sep 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

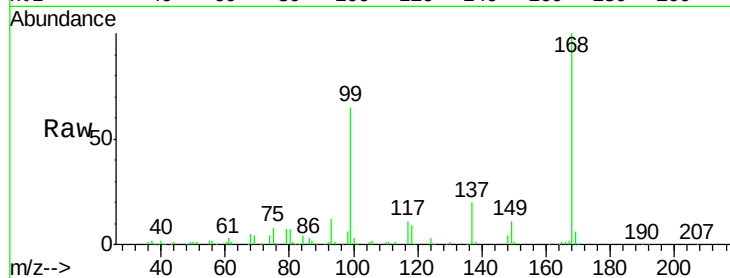
VNJ-229

Tot Ion:168 Resp: 385064

Ion Ratio Lower Upper

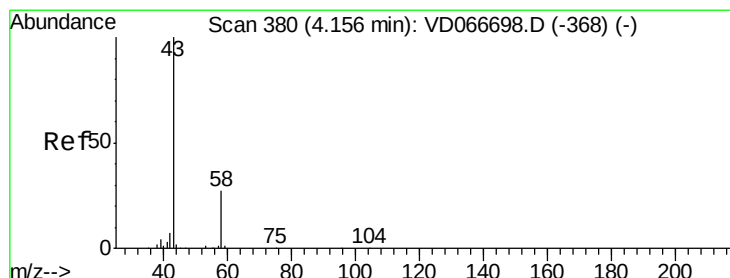
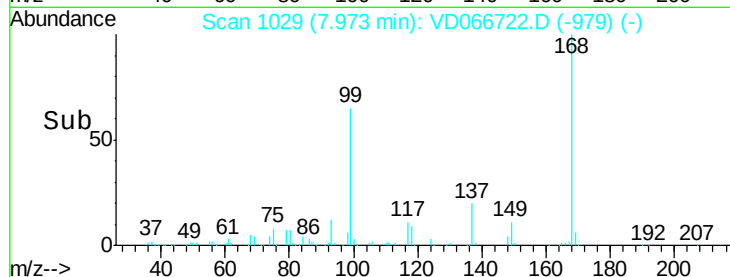
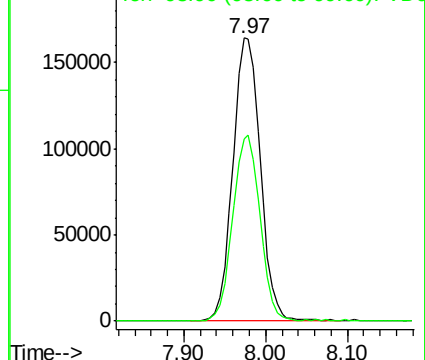
168 100

99 64.5 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 14.722 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066722.D

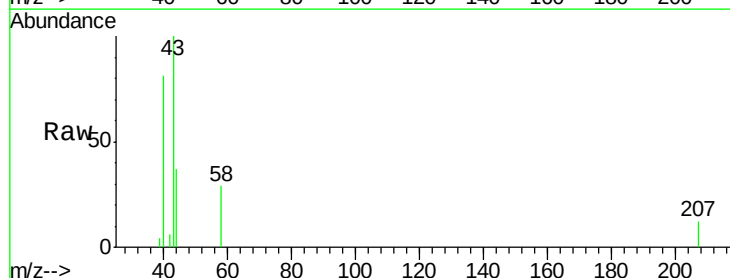
Acq: 16 Sep 2020 16:26

Tgt Ion: 43 Resp: 12317

Ion Ratio Lower Upper

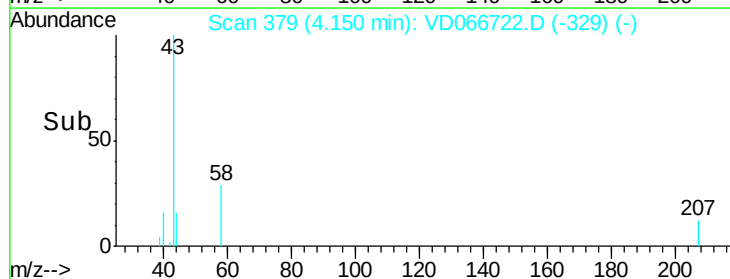
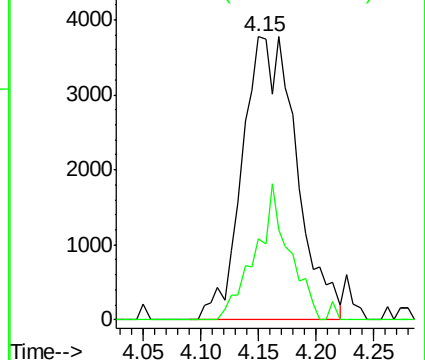
43 100

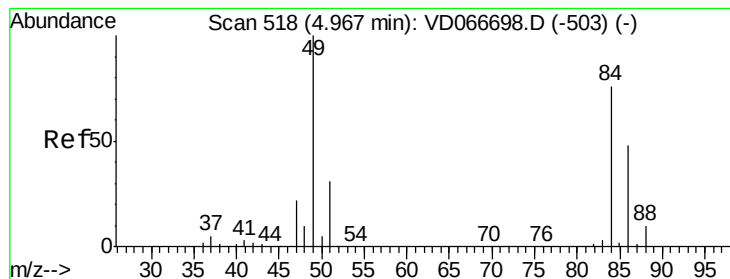
58 28.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 6.302 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066722.D

Acq: 16 Sep 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

VNJ-229

Tot Ion: 84 Resp: 57278

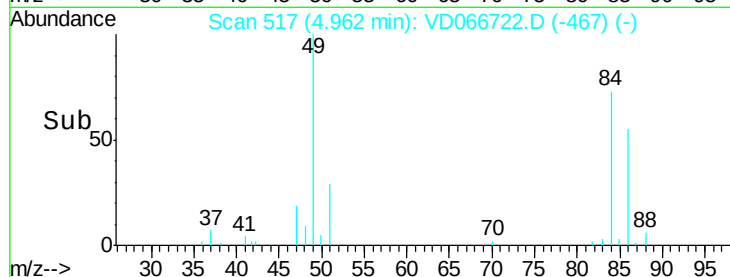
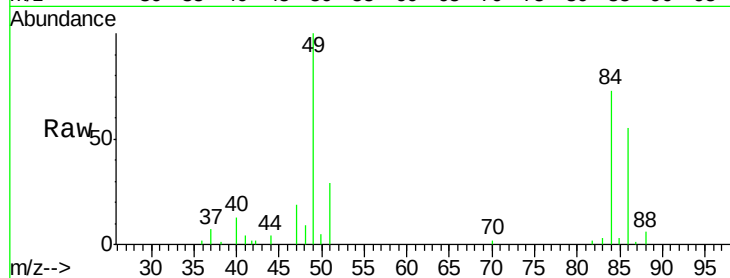
Ion Ratio Lower Upper

84 100

49 137.1 105.0 157.6

51 40.1 32.2 48.4

86 75.9 50.4 75.6#

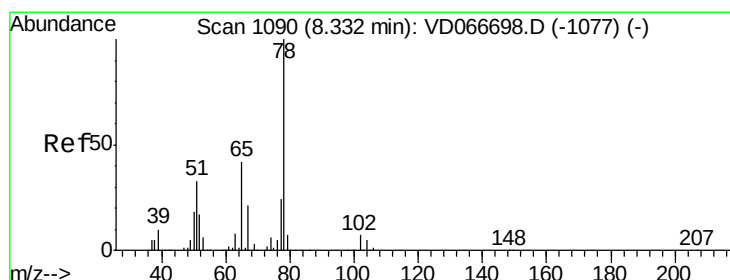
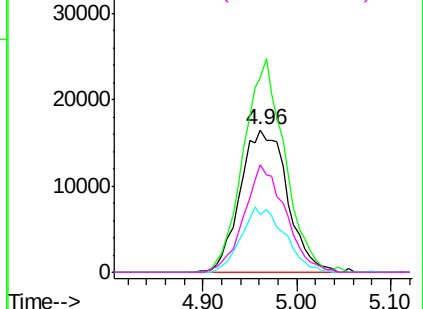


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 61.202 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066722.D

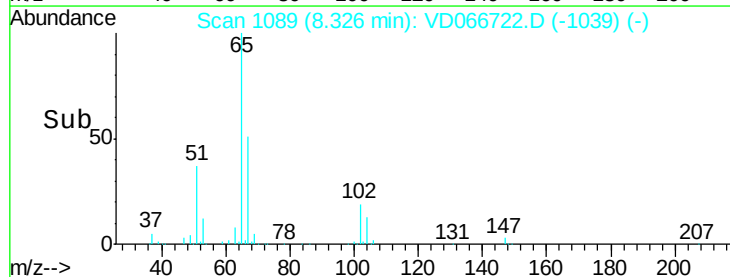
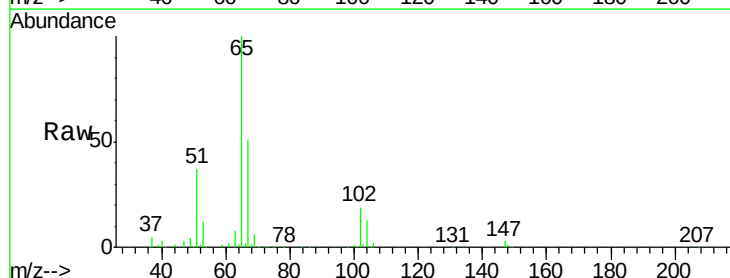
Acq: 16 Sep 2020 16:26

Tgt Ion: 65 Resp: 251444

Ion Ratio Lower Upper

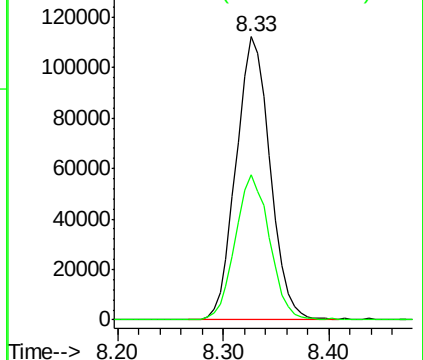
65 100

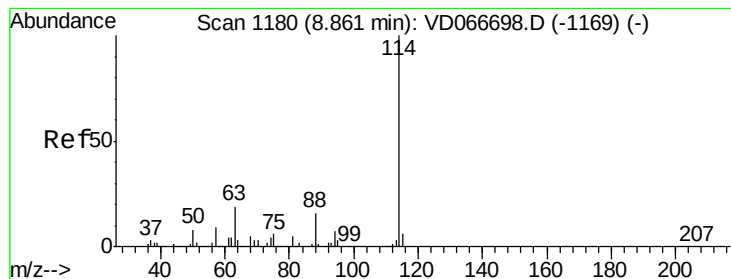
67 51.6 0.0 102.2



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: VD066722.D

Acq: 16 Sep 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

VNJ-229

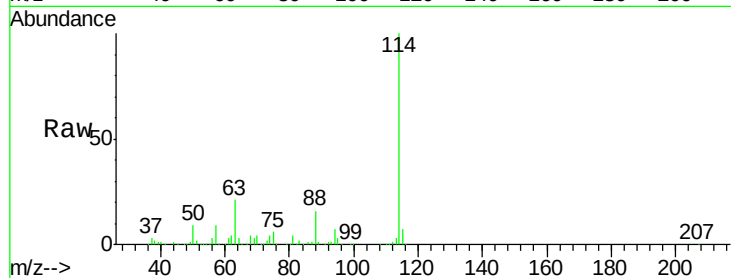
Tot Ion:114 Resp: 712892

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.6

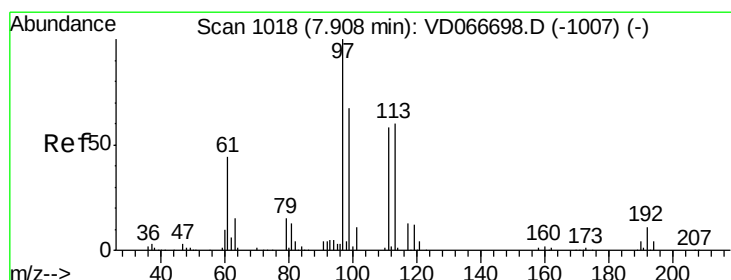
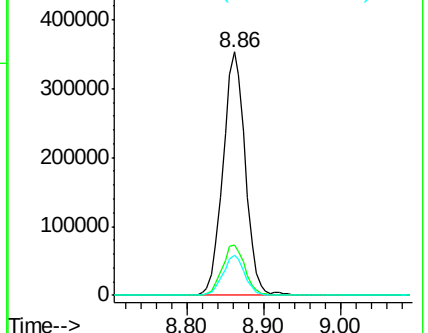
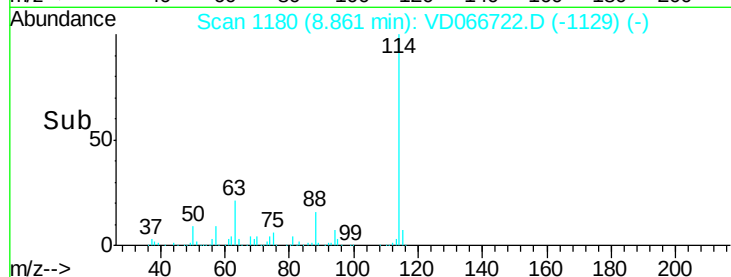
88 16.4 0.0 32.2



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: 55.620 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066722.D

Acq: 16 Sep 2020 16:26

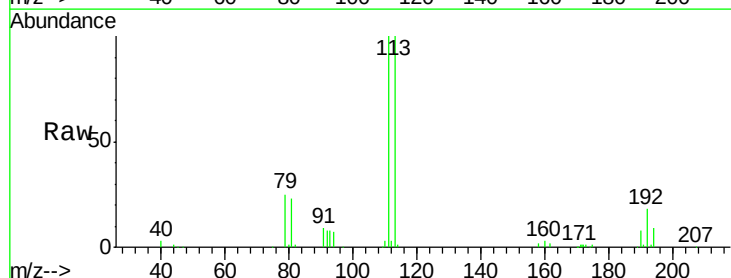
Tgt Ion:113 Resp: 243099

Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

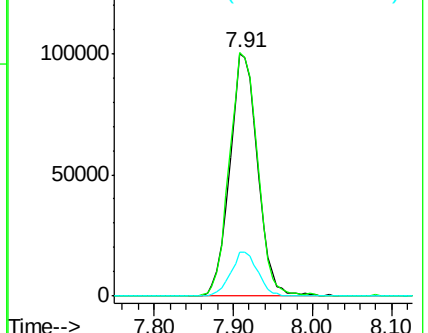
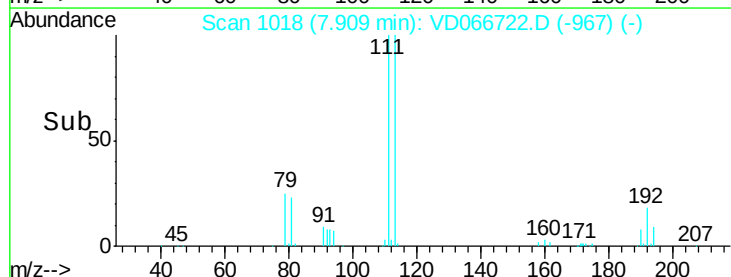
192 17.7 14.8 22.2

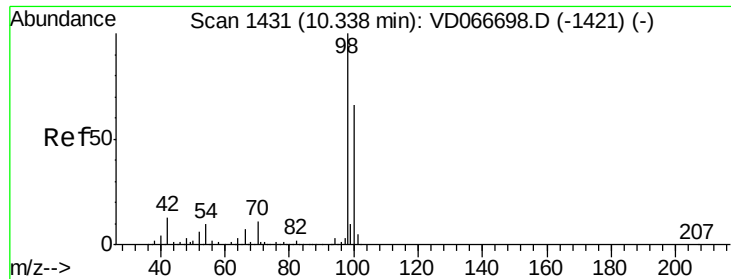


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

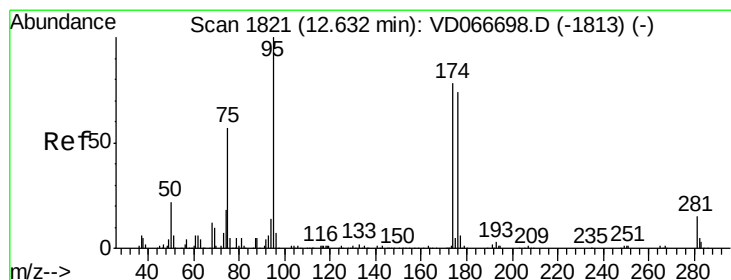
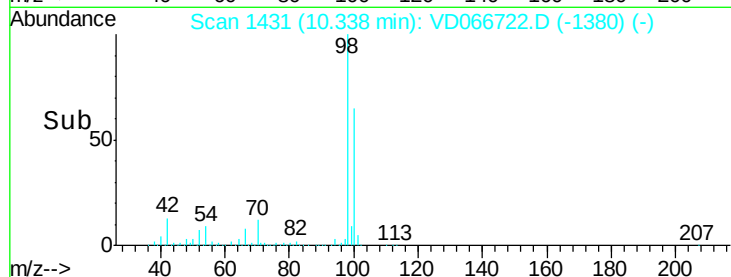
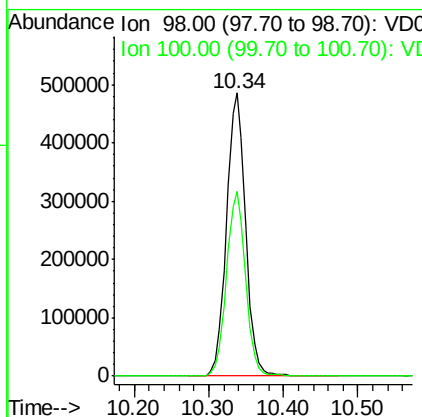
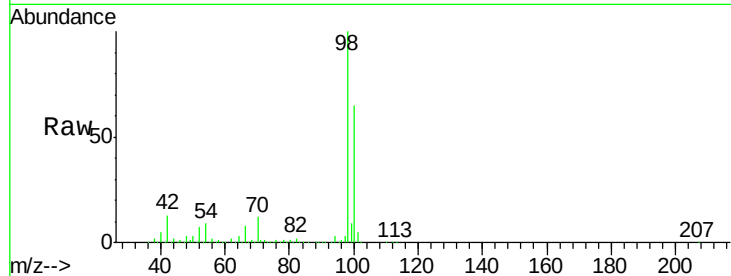




#50
Toluene-d8
Concen: 55.582 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066722.D
Acq: 16 Sep 2020 16:26

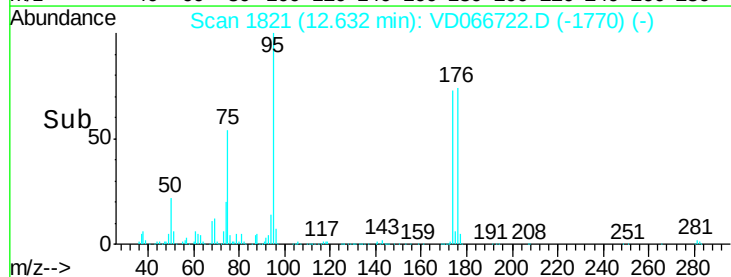
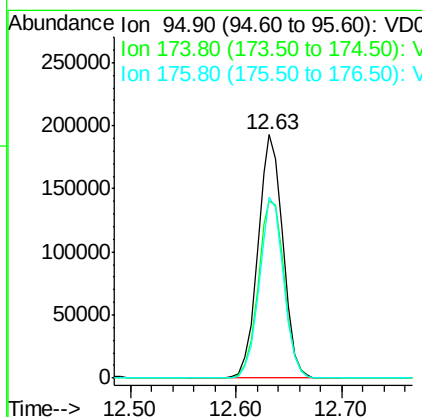
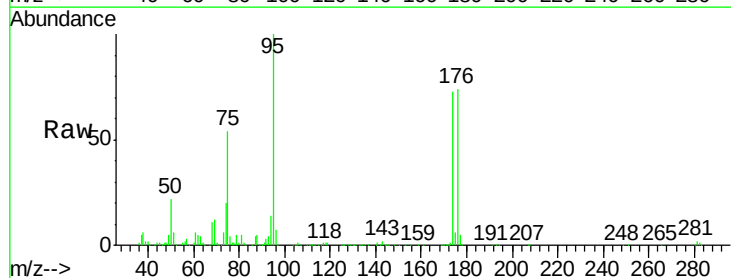
Instrument :
MSVOA_D
ClientSampled :
VNJ-229

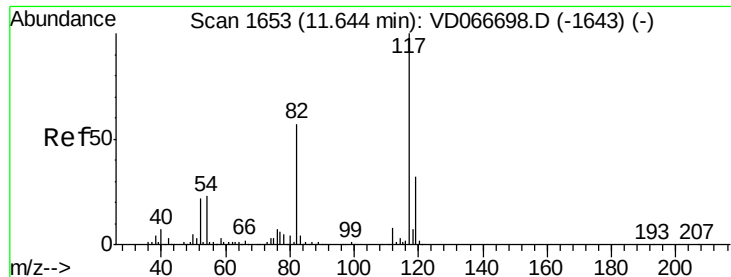
Tot Ion: 98 Resp: 865513
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 59.000 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066722.D
Acq: 16 Sep 2020 16:26

Tgt Ion: 95 Resp: 317137
Ion Ratio Lower Upper
95 100
174 76.3 0.0 156.6
176 72.3 0.0 150.2

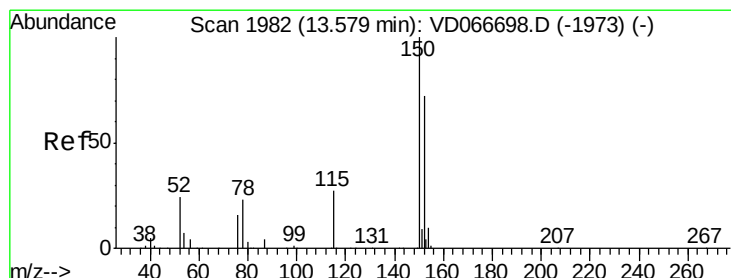
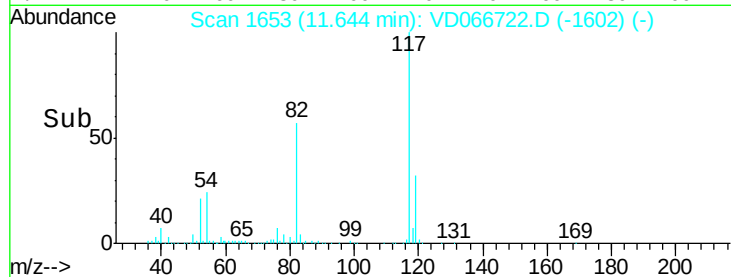
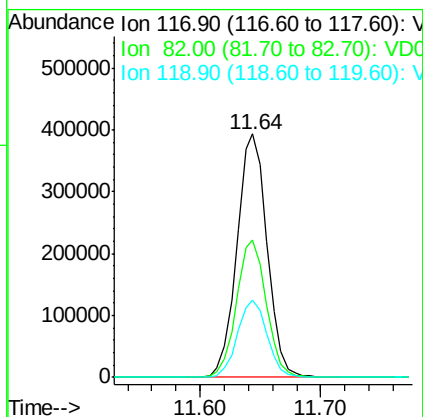
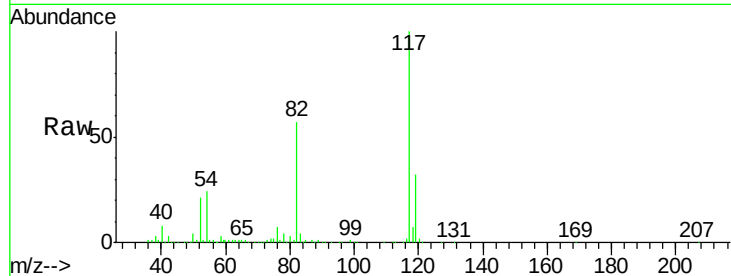




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066722.D
Acq: 16 Sep 2020 16:26

Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

Tot Ion:117 Resp: 682026
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066722.D
Acq: 16 Sep 2020 16:26

Tgt Ion:152 Resp: 302737
Ion Ratio Lower Upper
152 100
115 62.6 30.5 91.5
150 157.1 0.0 344.6

