

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066218.D
 Acq On : 13 Aug 2020 18:51
 Operator : VA/SY
 Sample : L3658-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-235

Quant Time: Aug 14 03:42:44 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

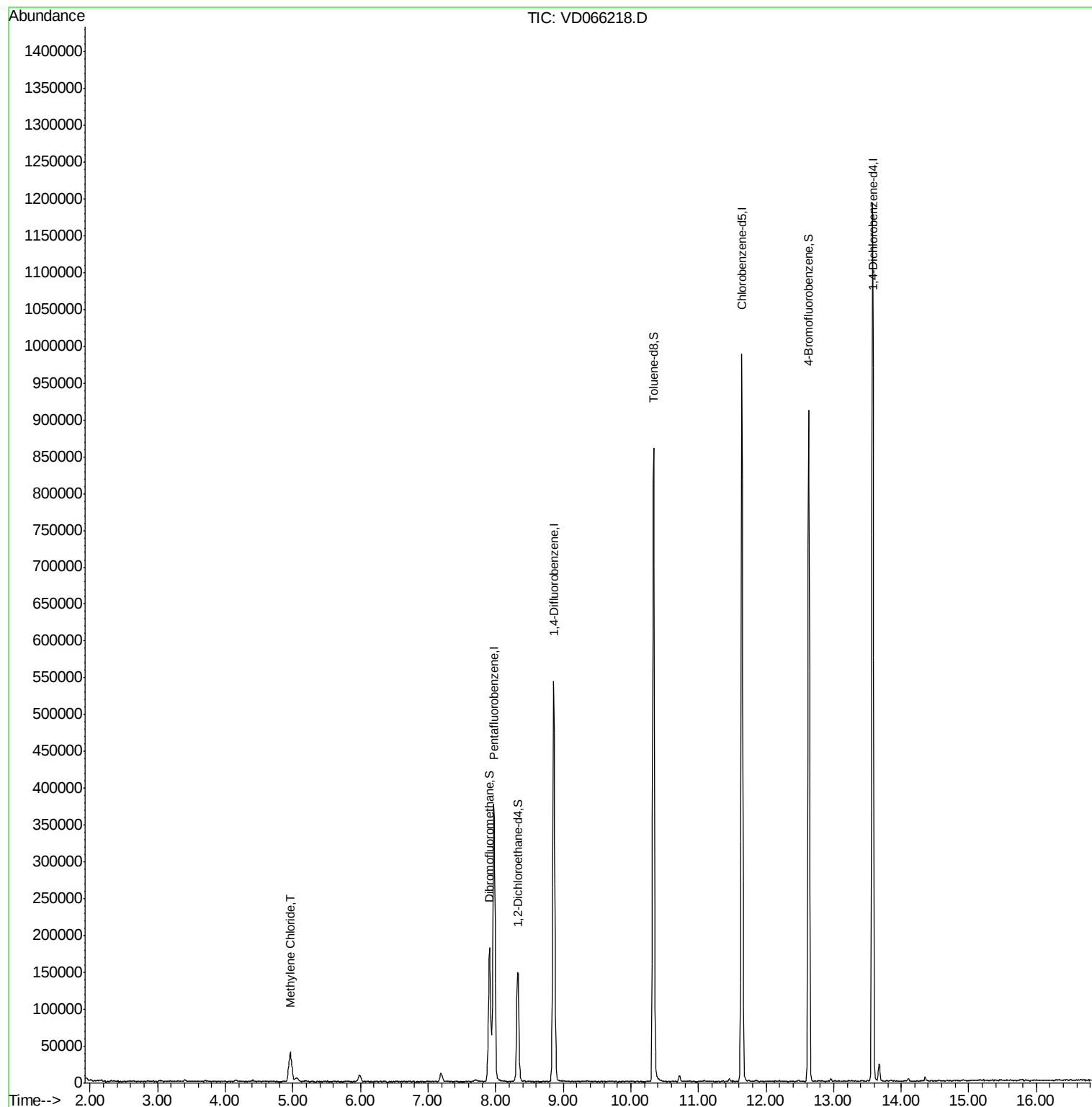
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	295281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	479484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	573672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	332680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	125301	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
35) Dibromofluoromethane	7.91	113	131308	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
50) Toluene-d8	10.34	98	589422	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.63	95	280465	69.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.82%	
Target Compounds						
20) Methylene Chloride	4.96	84	30991	6.762	ug/l	Qvalue 94

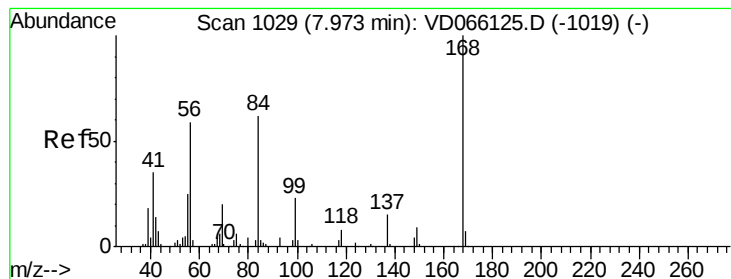
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066218.D

Acq: 13 Aug 2020 18:51

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MSVOA_D

ClientSampleId :

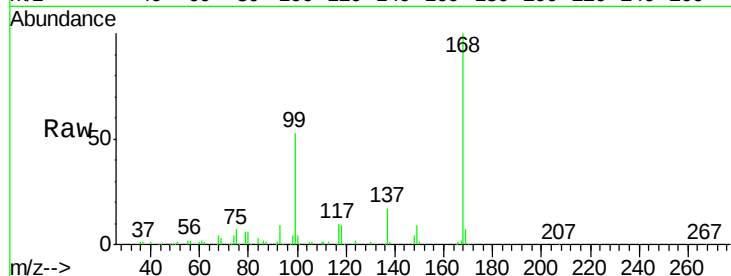
VNJ-235

Tot Ion:168 Resp: 295281

Ion Ratio Lower Upper

168 100

99 53.1 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

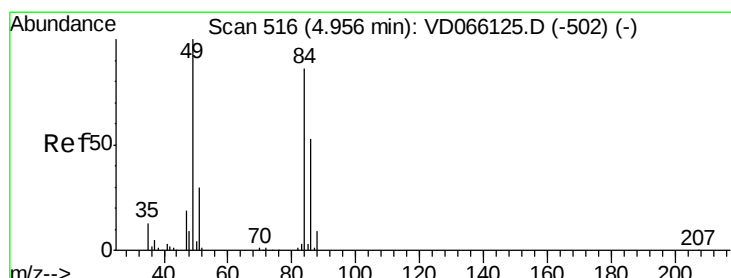
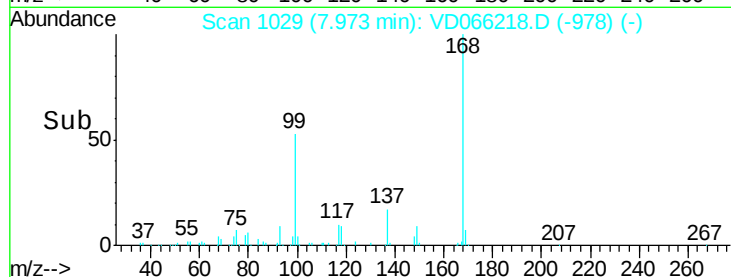
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.762 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066218.D

Acq: 13 Aug 2020 18:51

Tgt Ion: 84 Resp: 30991

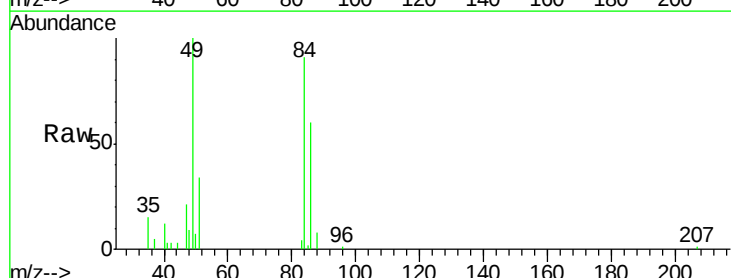
Ion Ratio Lower Upper

84 100

49 110.0 93.5 140.3

51 37.4 28.2 42.4

86 66.0 49.5 74.3



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

4.96

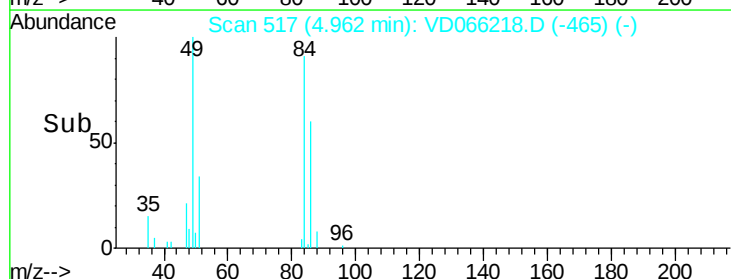
15000

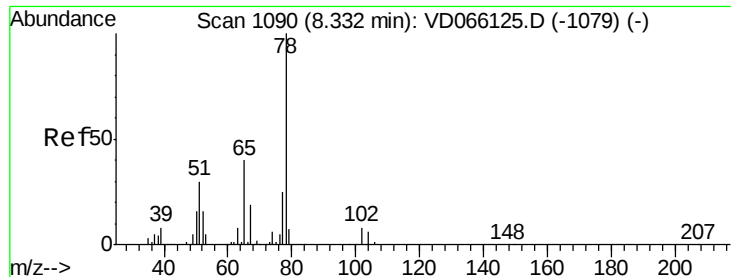
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.564 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066218.D

Acq: 13 Aug 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

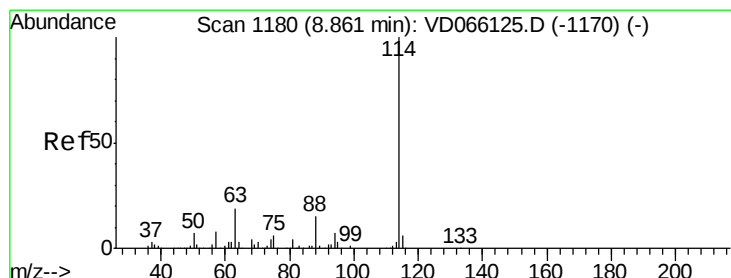
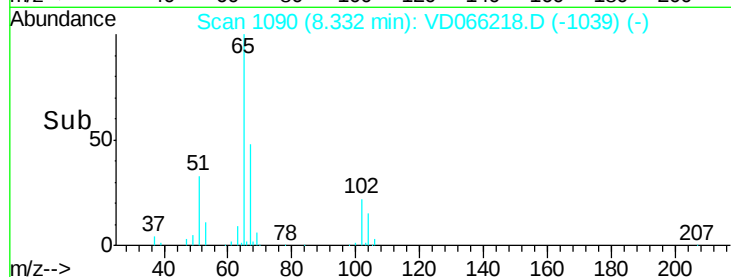
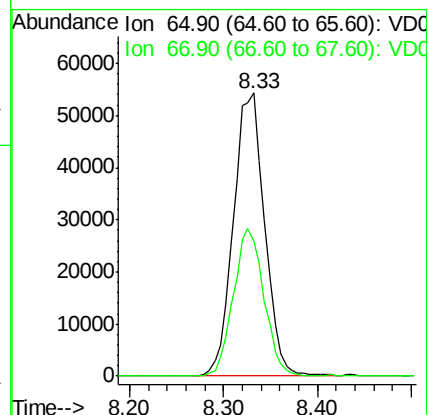
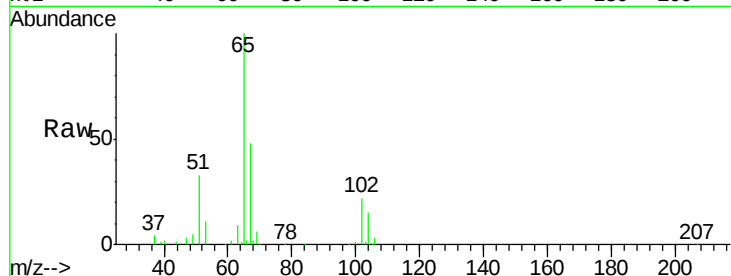
VNJ-235

Tot Ion: 65 Resp: 125301

Ion Ratio Lower Upper

65 100

67 50.9 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: VD066218.D

Acq: 13 Aug 2020 18:51

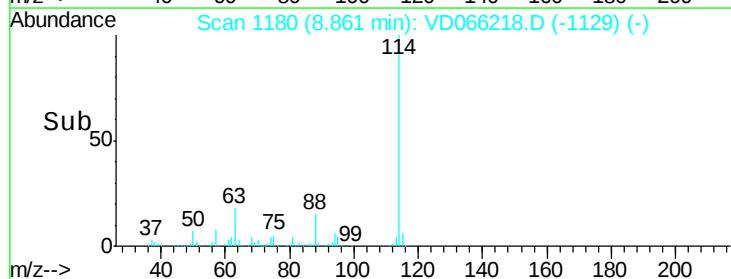
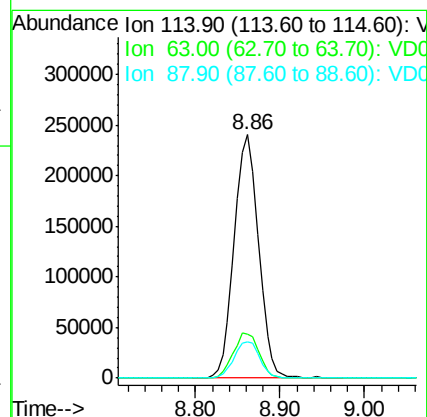
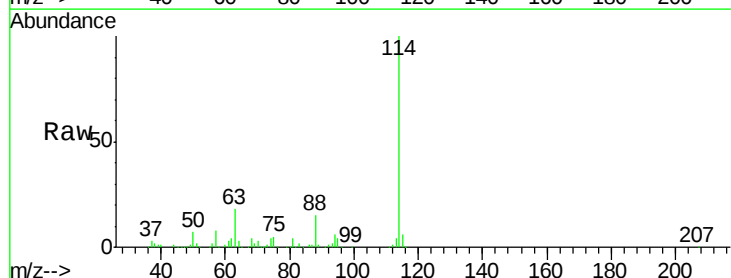
Tgt Ion: 114 Resp: 479484

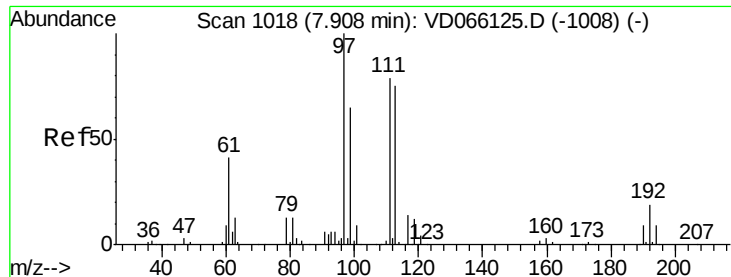
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.6

88 14.6 0.0 30.0

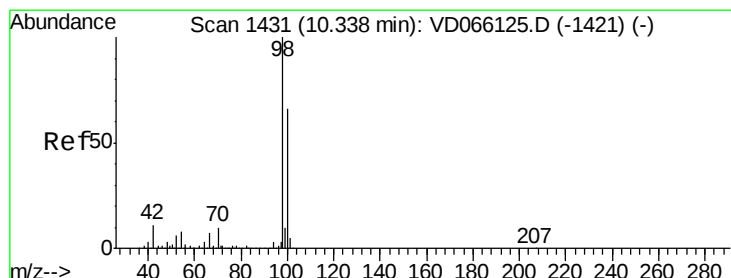
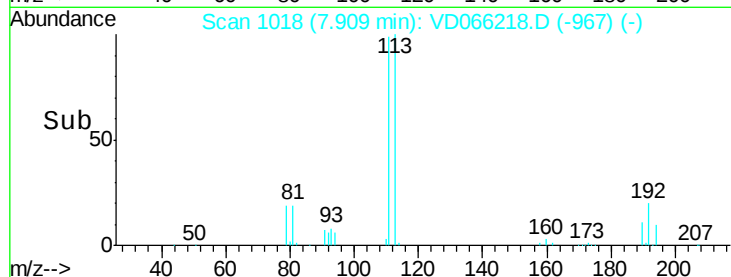
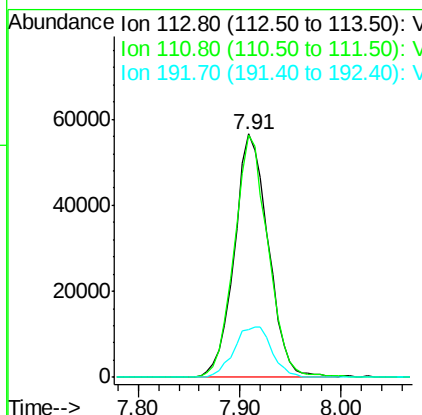
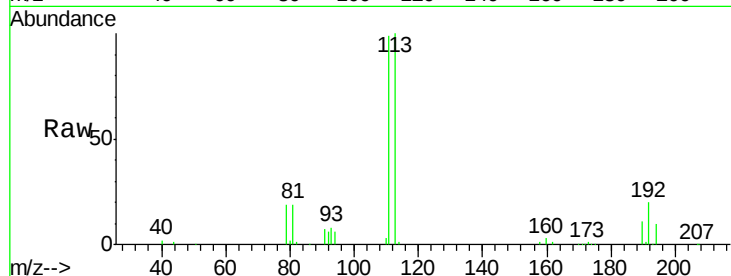




#35
 Dibromofluoromethane
 Concen: 43.229 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066218.D
 Acq: 13 Aug 2020 18:51

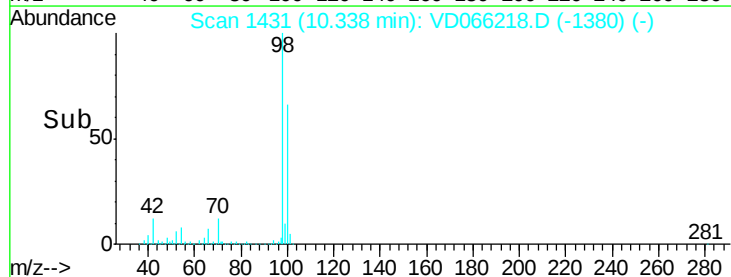
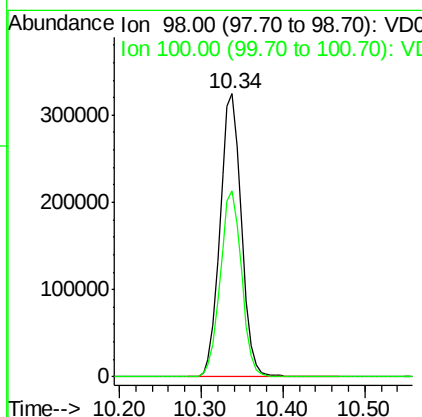
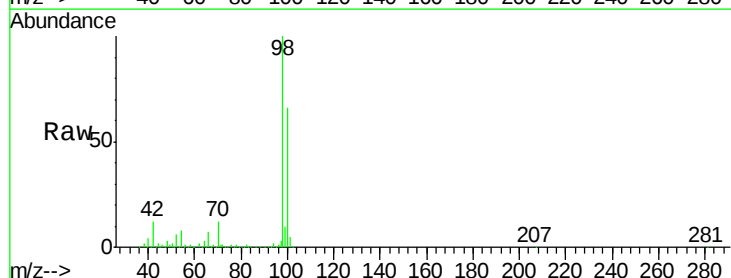
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-235

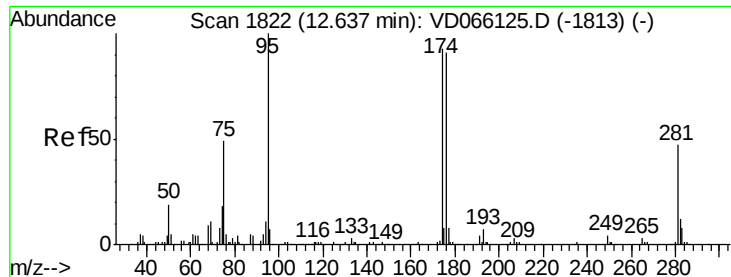
Tot Ion:113 Resp: 131308
 Ion Ratio Lower Upper
 113 100
 111 99.1 80.7 121.1
 192 23.0 18.4 27.6



#50
 Toluene-d8
 Concen: 52.584 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066218.D
 Acq: 13 Aug 2020 18:51

Tgt Ion: 98 Resp: 589422
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.6 78.8

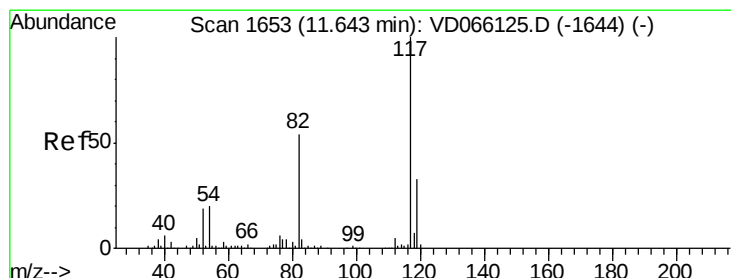
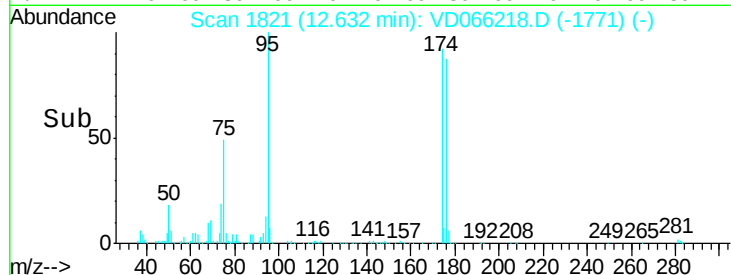
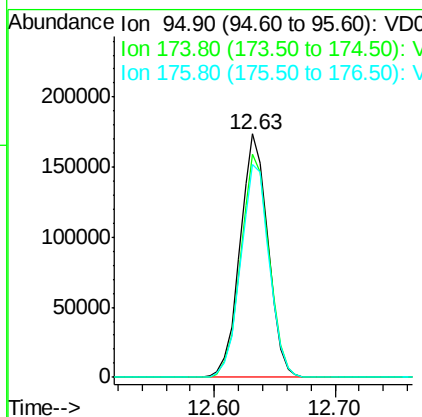
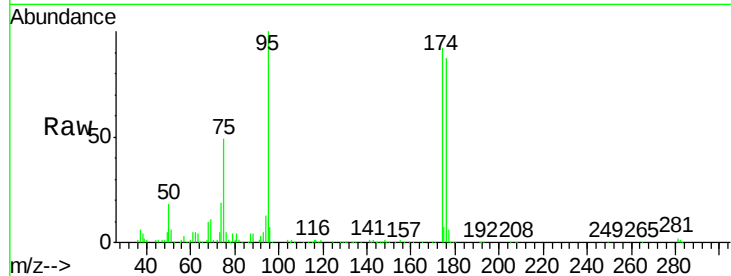




#62
4-Bromofluorobenzene
Concen: 69.415 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

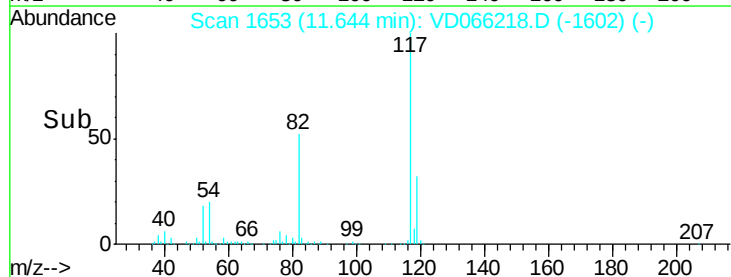
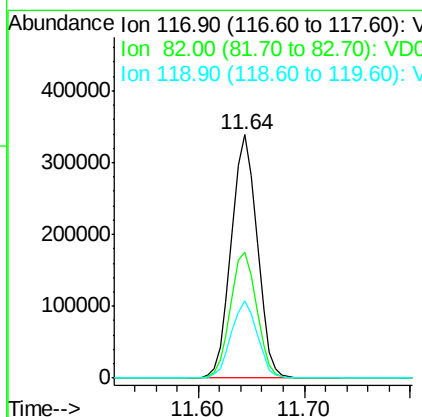
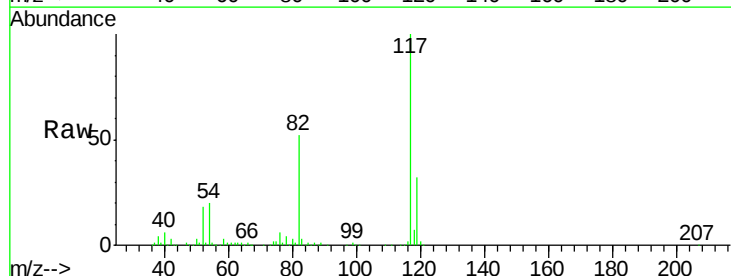
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

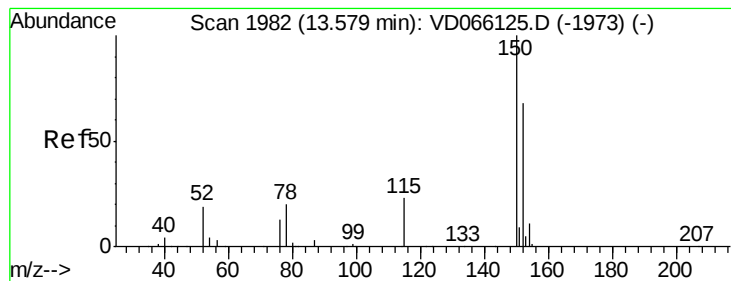
Tot Ion: 95 Resp: 280465
Ion Ratio Lower Upper
95 100
174 92.8 0.0 180.8
176 89.4 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

Tgt Ion: 117 Resp: 573672
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066218.D

Acq: 13 Aug 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

VNJ-235

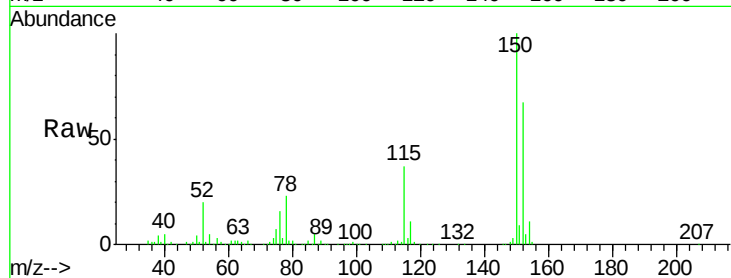
Tot Ion:152 Resp: 332680

Ion Ratio Lower Upper

152 100

115 55.3 28.0 83.9

150 154.2 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

