

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066029.D
 Acq On : 23 Jul 2020 17:25
 Operator : VA/SY
 Sample : L3381-19
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-225-GRID-B5

Quant Time: Jul 24 04:23:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

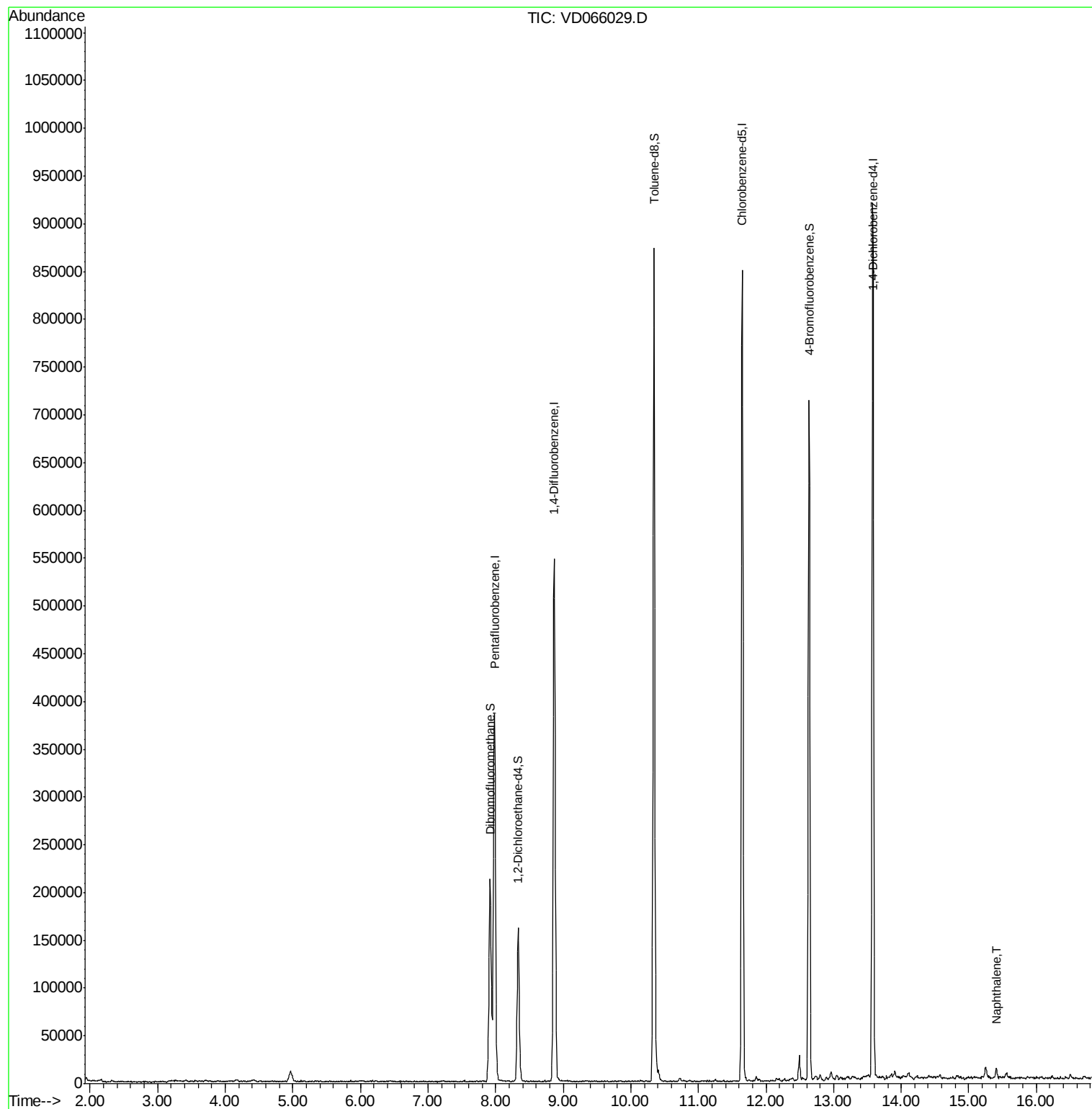
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	312569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	488833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	255489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	126633	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	7.92	113	147999	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.34	98	593143	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.64	95	230106	60.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.16%	
Target Compounds						
95) Naphthalene	15.41	128	9954	4.687	ug/l #	Qvalue 97

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

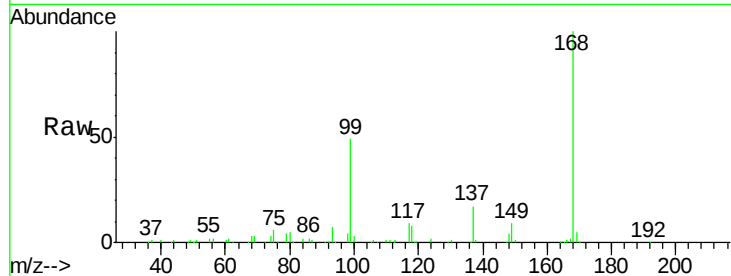
VNJ-225-GRID-B5

Tot Ion:168 Resp: 312569

Ion Ratio Lower Upper

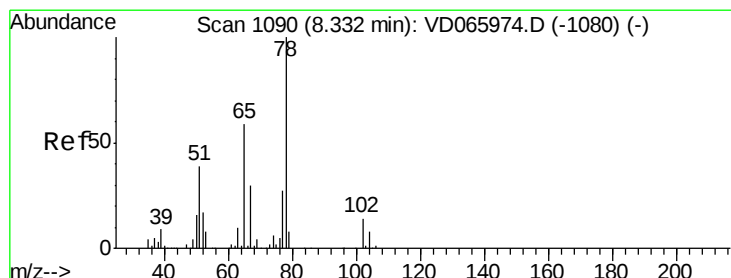
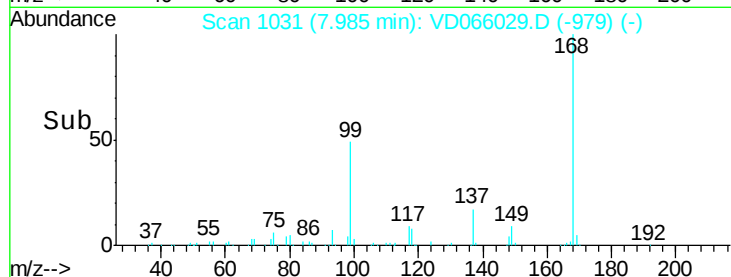
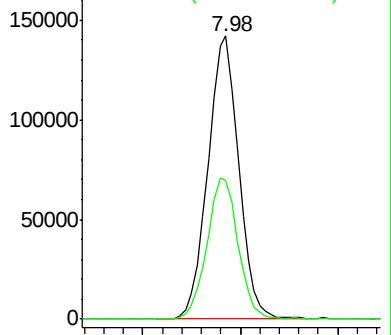
168 100

99 49.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.790 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066029.D

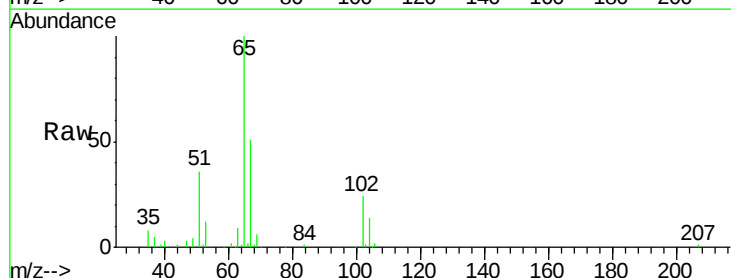
Acq: 23 Jul 2020 17:25

Tgt Ion: 65 Resp: 126633

Ion Ratio Lower Upper

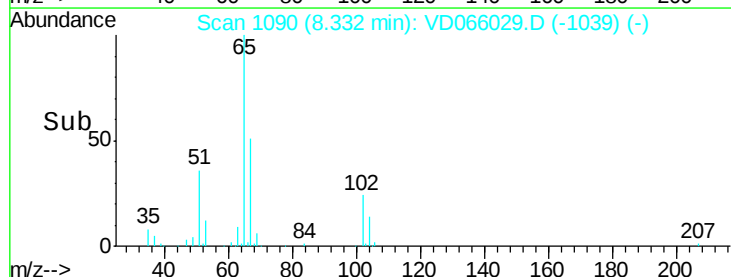
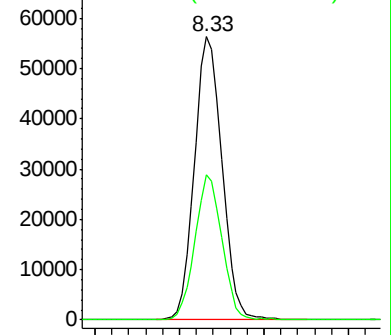
65 100

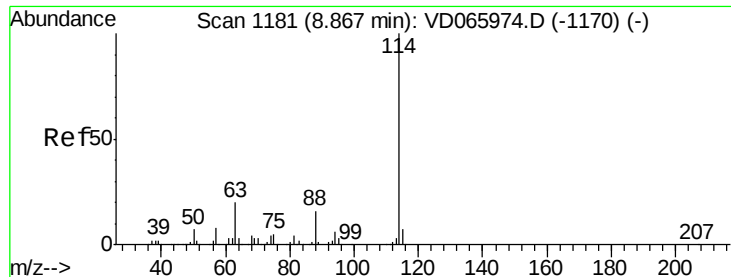
67 50.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

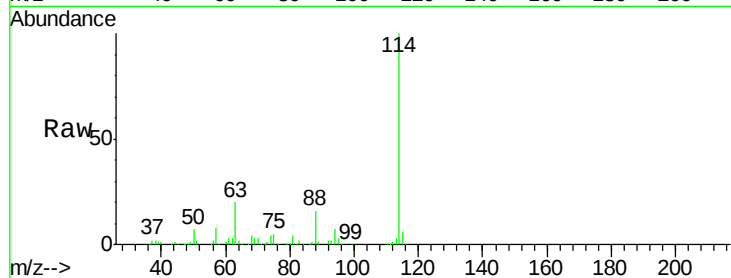




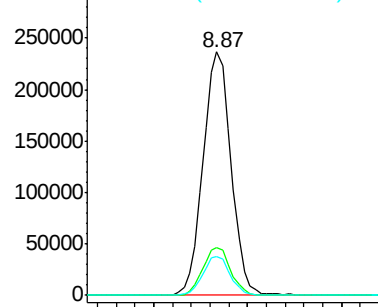
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066029.D
 Acq: 23 Jul 2020 17:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-225-GRID-B5

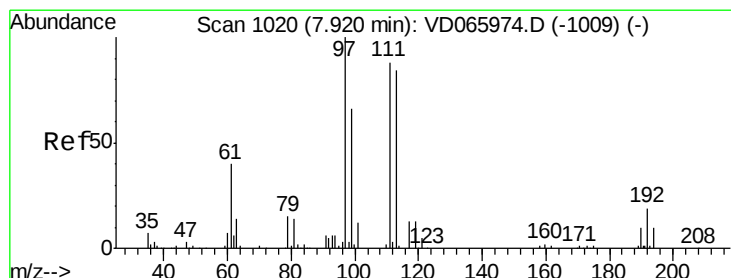
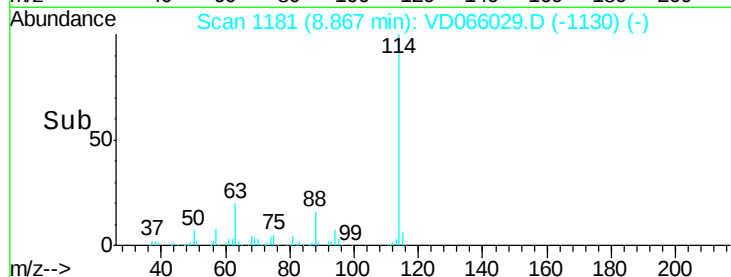
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	16.1	0.0	31.2



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

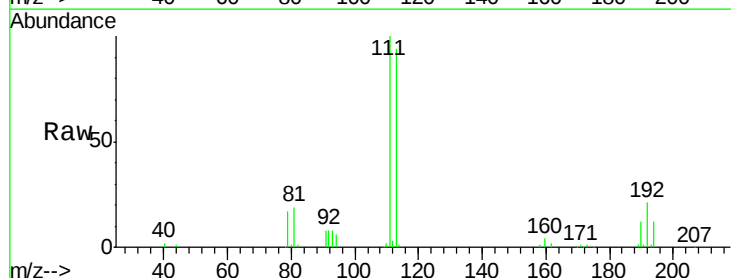


Time-->

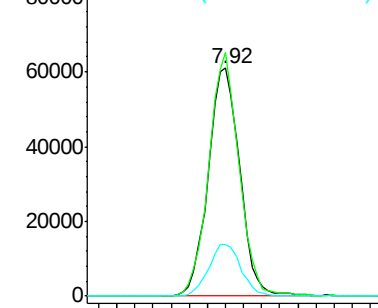


#35
 Dibromofluoromethane
 Concen: 49.917 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066029.D
 Acq: 23 Jul 2020 17:25

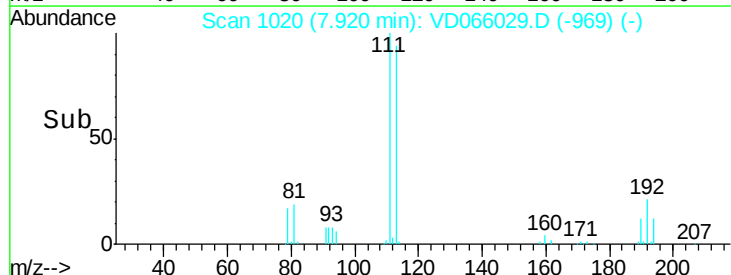
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.2	124.8
192	23.3	18.7	28.1

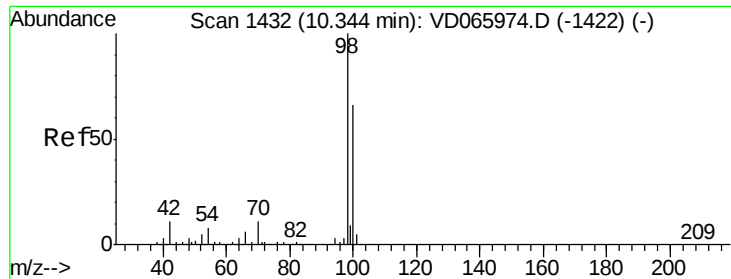


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 53.702 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

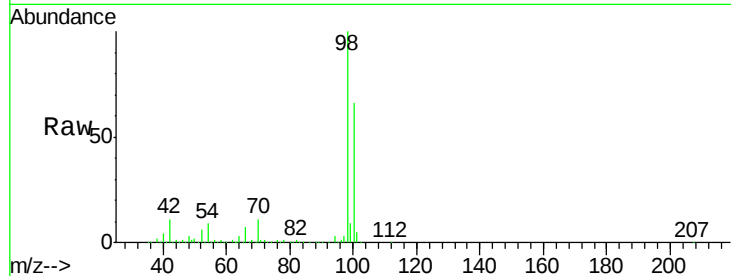
VNJ-225-GRID-B5

Tot Ion: 98 Resp: 593143

Ion Ratio Lower Upper

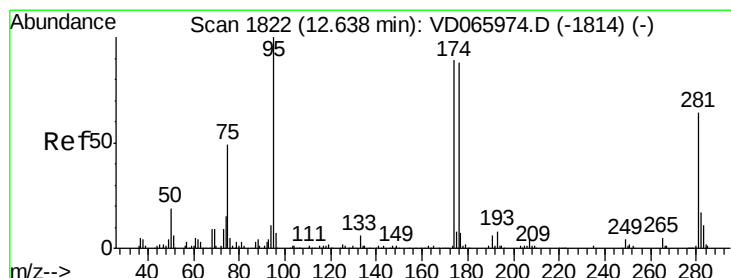
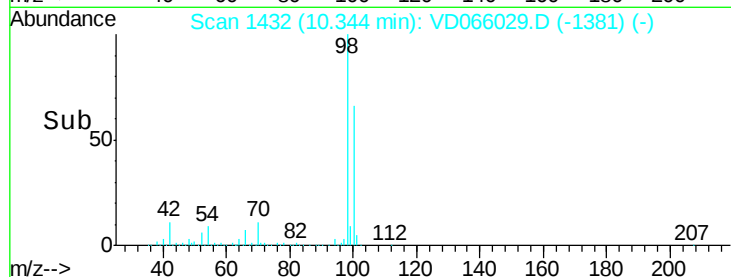
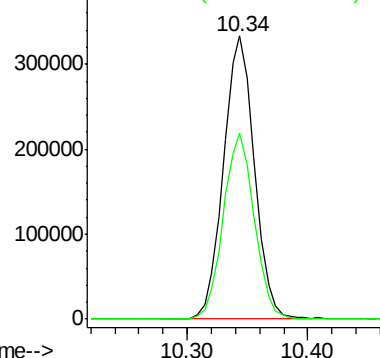
98 100

100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 60.084 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

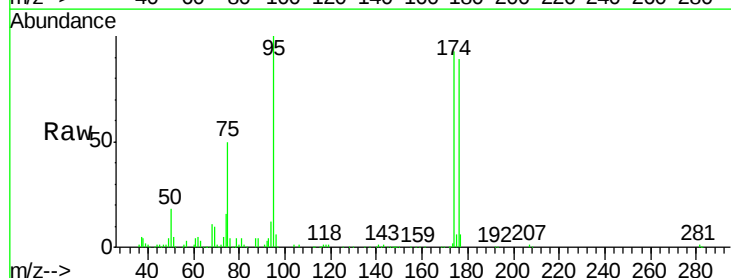
Tgt Ion: 95 Resp: 230106

Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.8

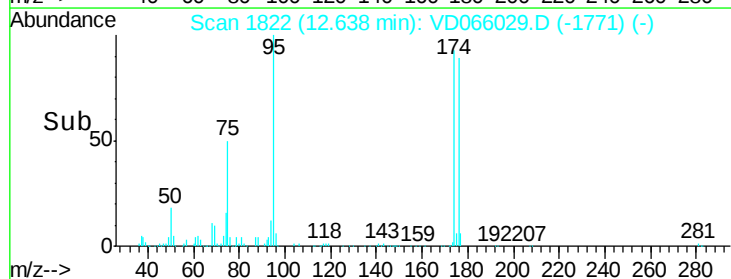
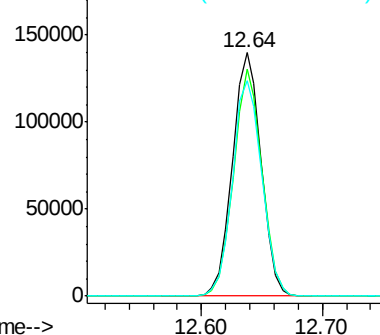
176 90.3 0.0 172.6

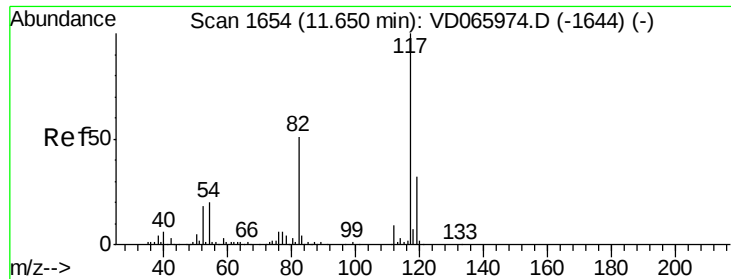


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

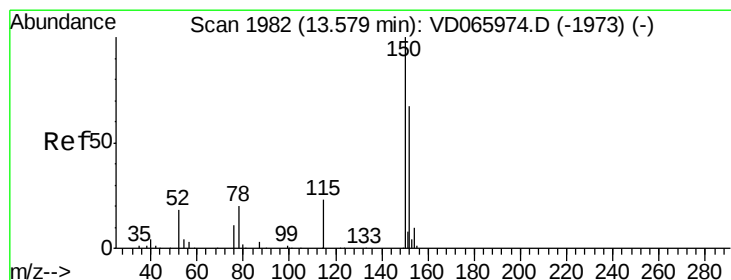
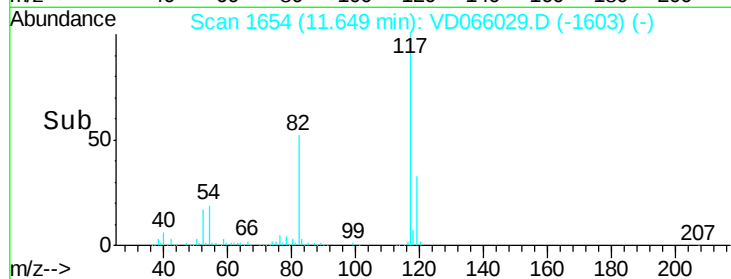
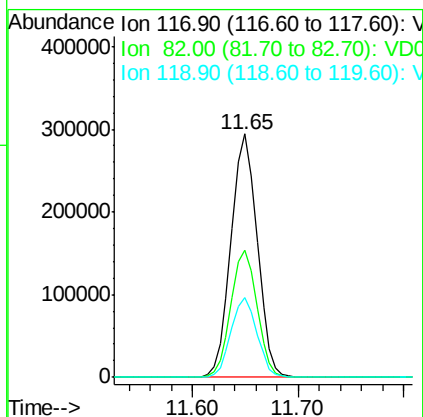
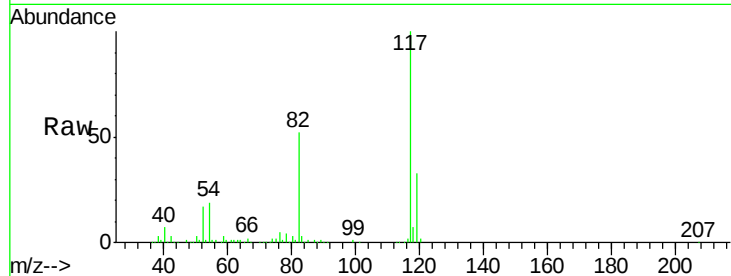




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066029.D
Acq: 23 Jul 2020 17:25

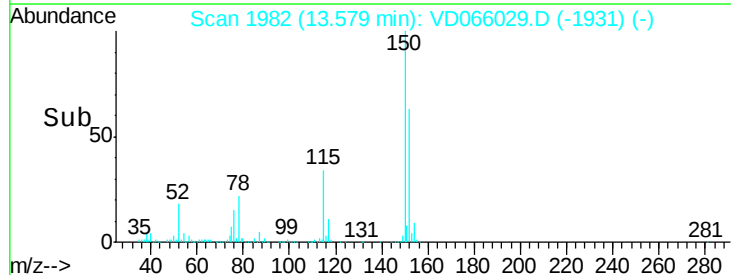
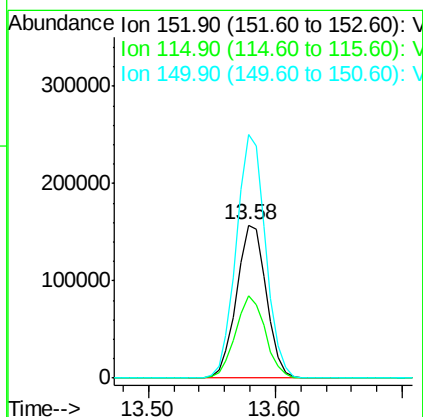
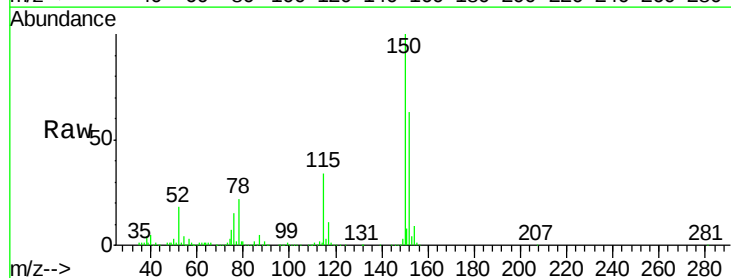
Instrument :
MSVOA_D
ClientSampleId :
VNJ-225-GRID-B5

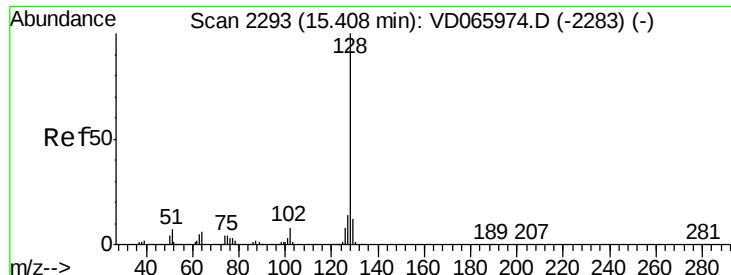
Tot Ion:117 Resp: 505679
Ion Ratio Lower Upper
117 100
82 52.3 41.1 61.7
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066029.D
Acq: 23 Jul 2020 17:25

Tgt Ion:152 Resp: 255489
Ion Ratio Lower Upper
152 100
115 53.9 27.9 83.7
150 156.4 0.0 348.2





#95

Naphthalene

Concen: 4.687 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066029.D

Acq: 23 Jul 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

VNJ-225-GRID-B5

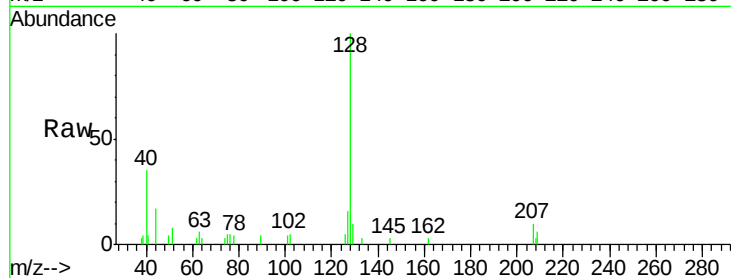
Tot Ion:128 Resp: 9954

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 13.7 8.9 13.3#



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

