

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031620\
 Data File : VD065513.D
 Acq On : 16 Mar 2020 15:33
 Operator : VA/SY
 Sample : L1949-01
 Misc : 5.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-204

Quant Time: Mar 17 07:41:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

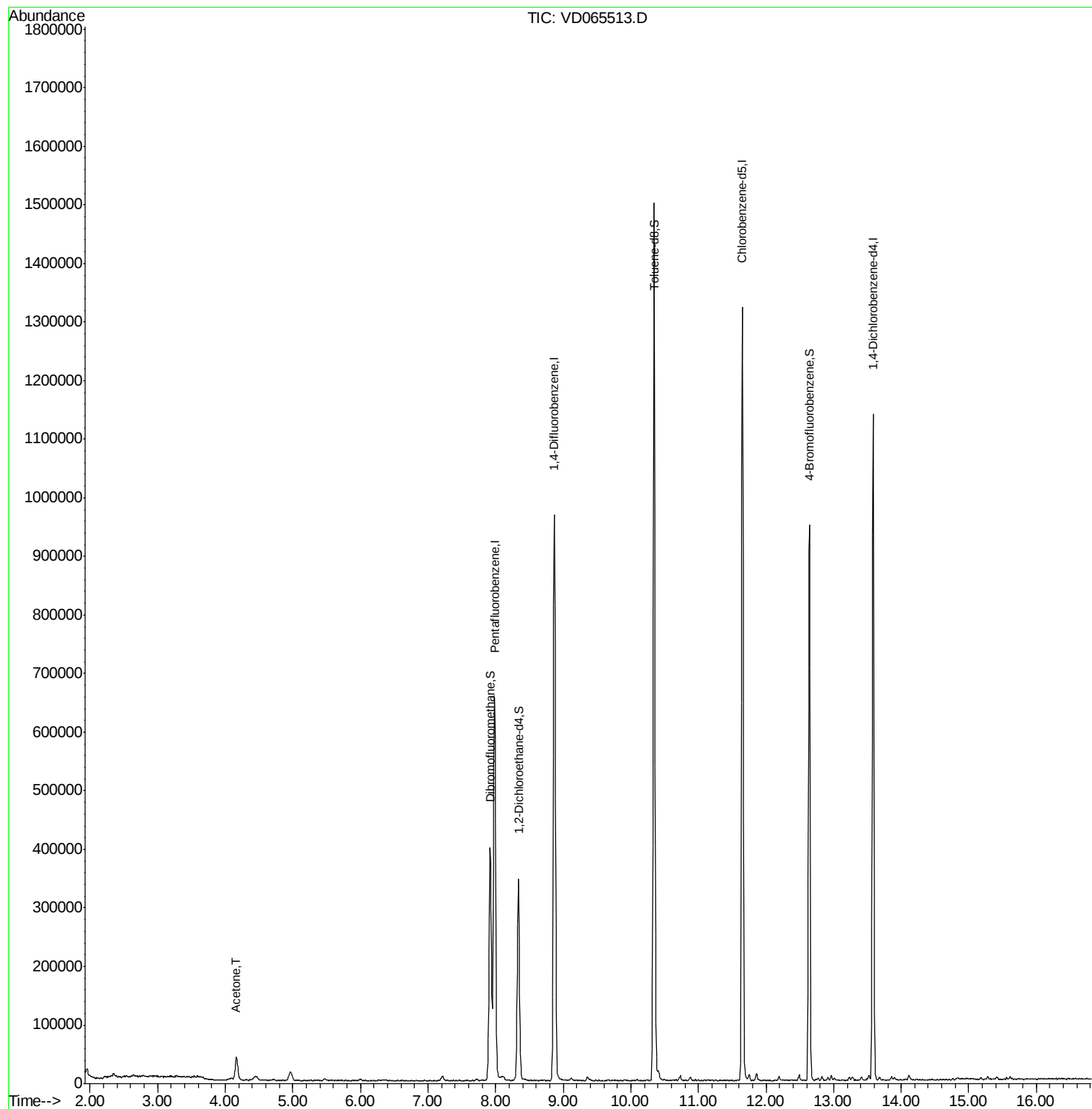
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	526708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	875634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	784429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	268275	59.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.76%	
35) Dibromofluoromethane	7.92	113	289584	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
50) Toluene-d8	10.34	98	1025932	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.64	95	300472	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
Target Compounds						
16) Acetone	4.16	43	69016	75.531	ug/l	Qvalue 95

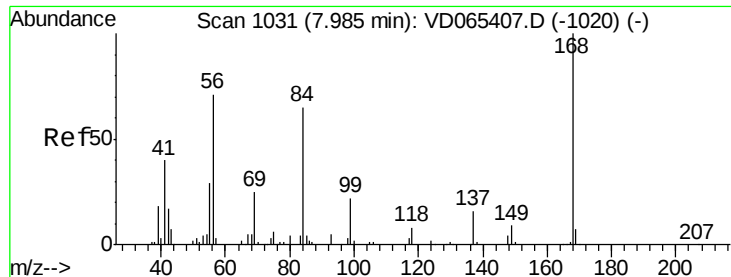
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065513.D

Acq: 16 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

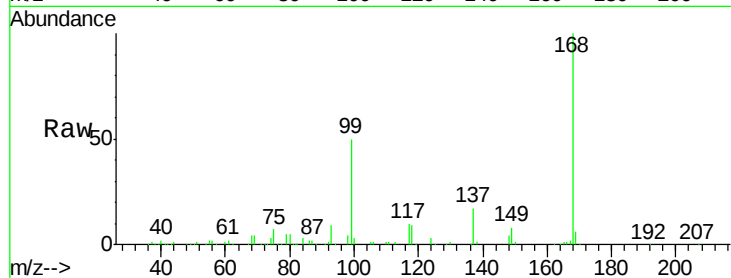
VNJ-204

Tot Ion:168 Resp: 526708

Ion Ratio Lower Upper

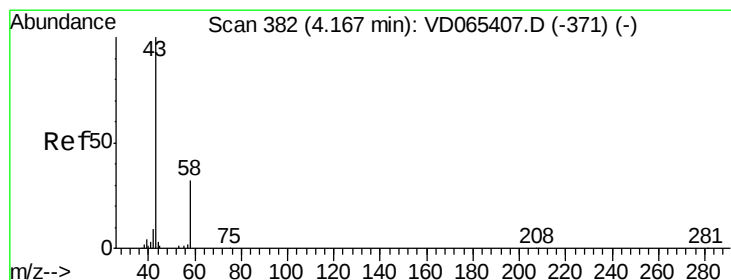
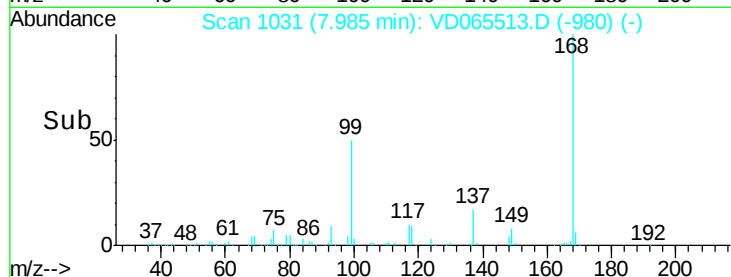
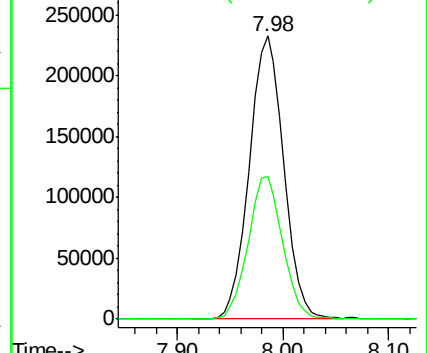
168 100

99 49.9 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 75.531 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065513.D

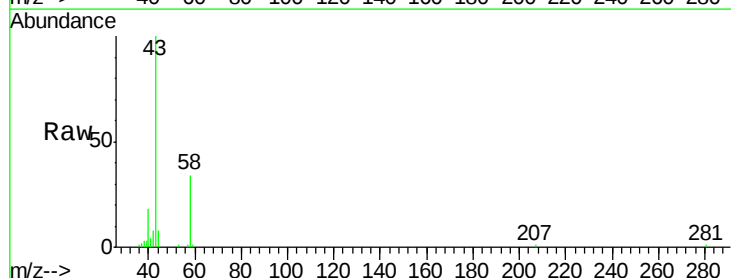
Acq: 16 Mar 2020 15:33

Tgt Ion: 43 Resp: 69016

Ion Ratio Lower Upper

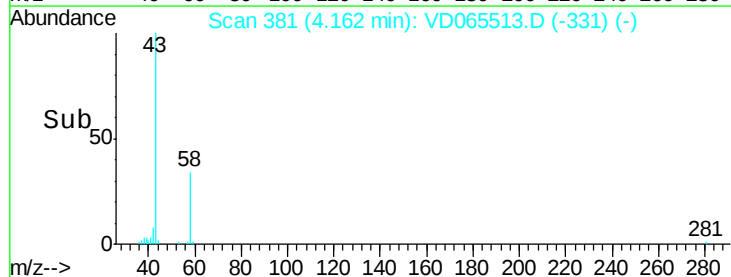
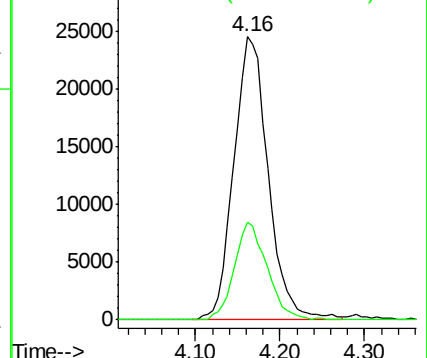
43 100

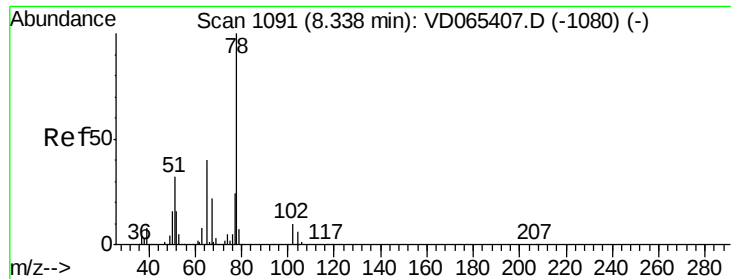
58 34.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 59.378 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065513.D

Acq: 16 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

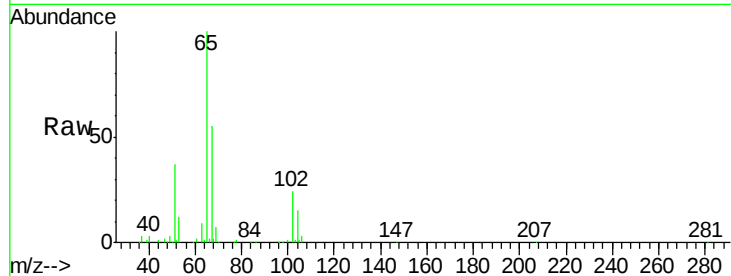
VNJ-204

Tot Ion: 65 Resp: 268275

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

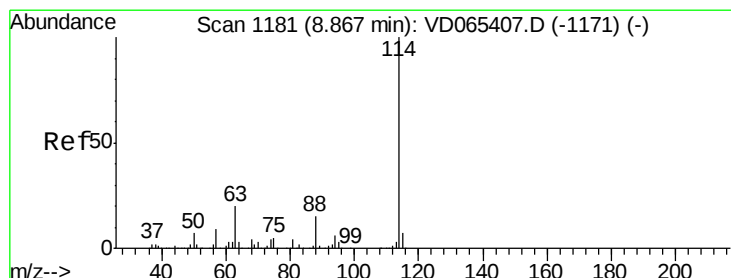
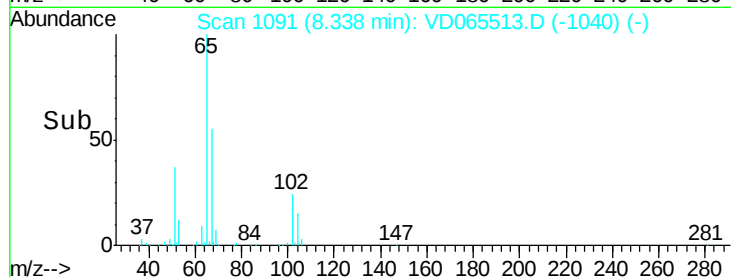
8.34

100000

50000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065513.D

Acq: 16 Mar 2020 15:33

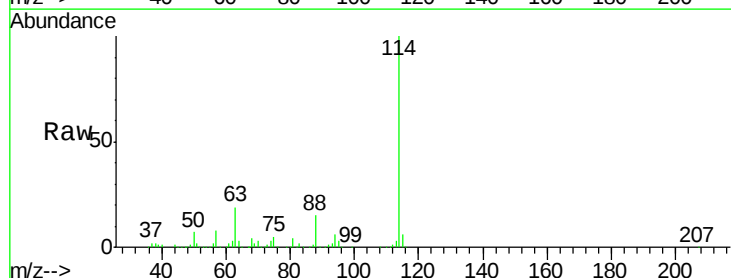
Tgt Ion: 114 Resp: 875634

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

600000

500000

400000

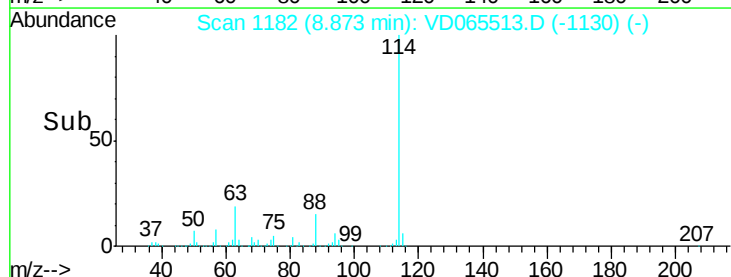
300000

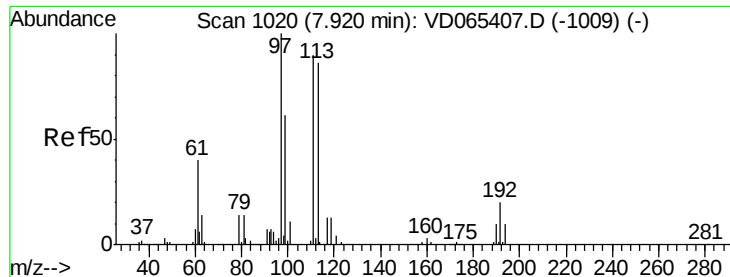
200000

100000

0

Time--> 8.80 8.90 9.00

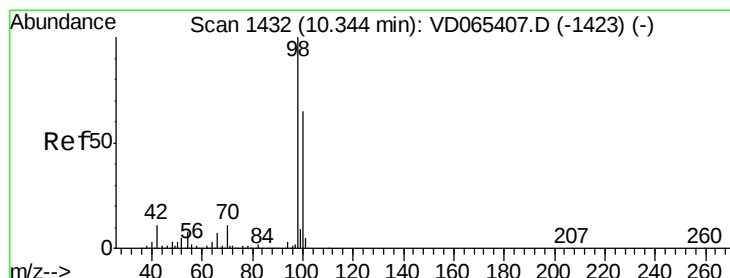
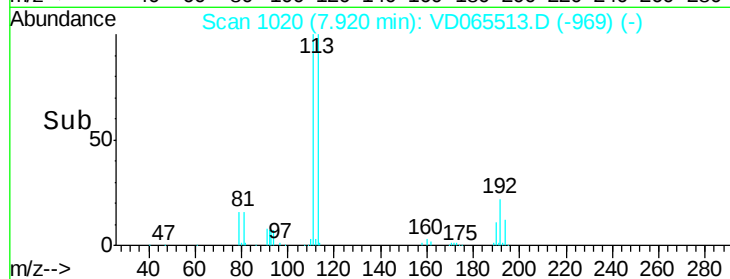
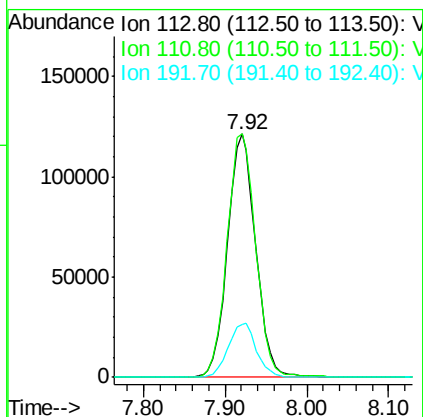
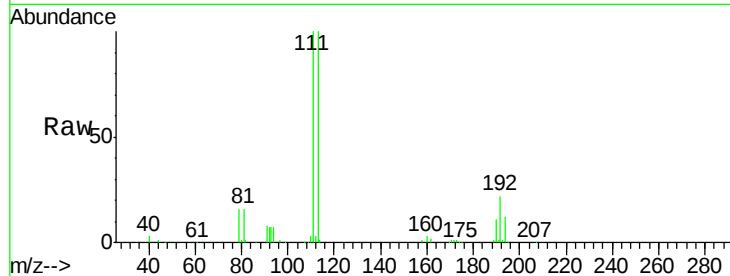




#35
 Dibromofluoromethane
 Concen: 53.478 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065513.D
 Acq: 16 Mar 2020 15:33

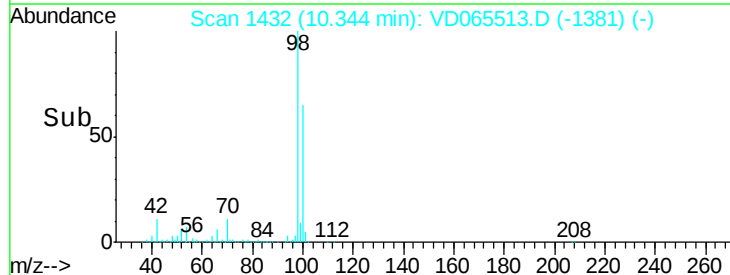
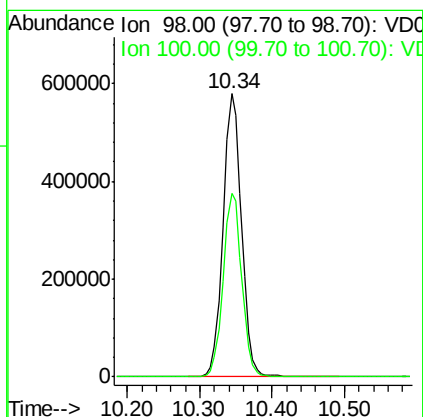
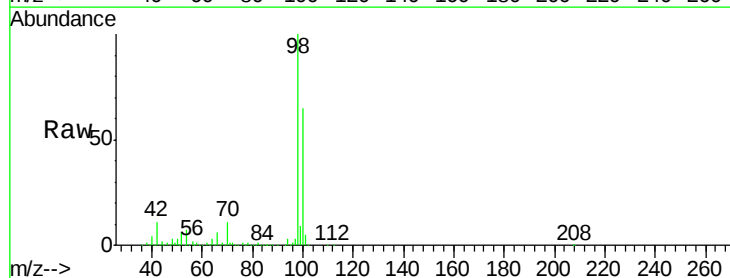
Instrument :
 MSVOA_D
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 VNJ-204

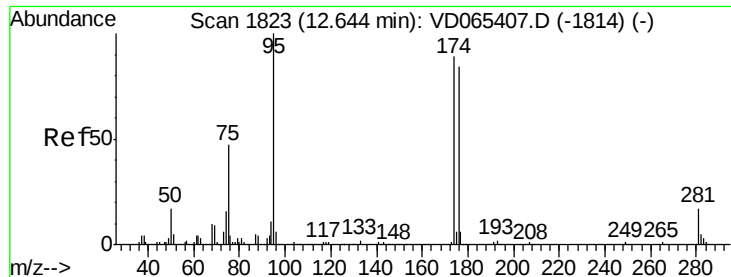
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	22.4	17.2	25.8



#50
 Toluene-d8
 Concen: 49.386 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065513.D
 Acq: 16 Mar 2020 15:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.8	79.2

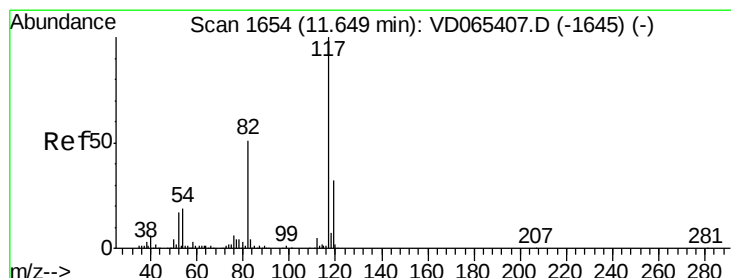
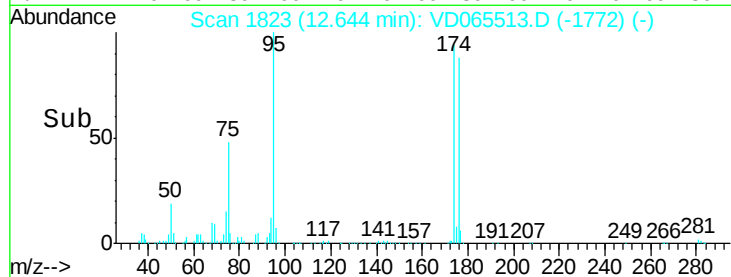
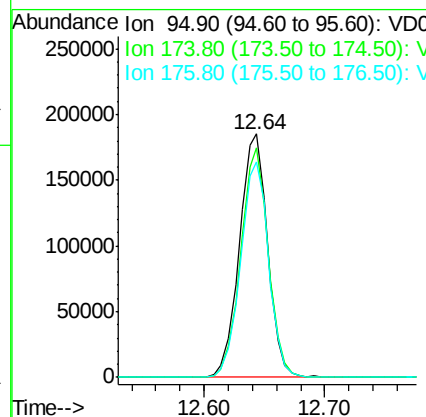
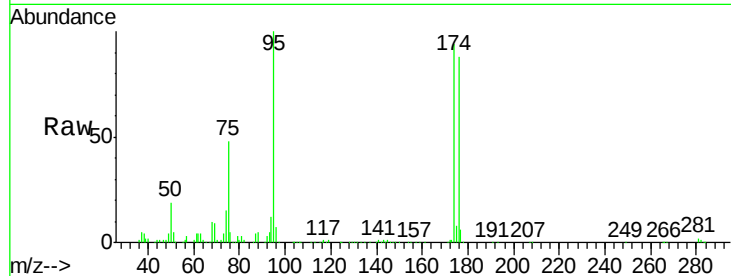




#62
4-Bromofluorobenzene
Concen: 46.853 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VD065513.D
Acq: 16 Mar 2020 15:33

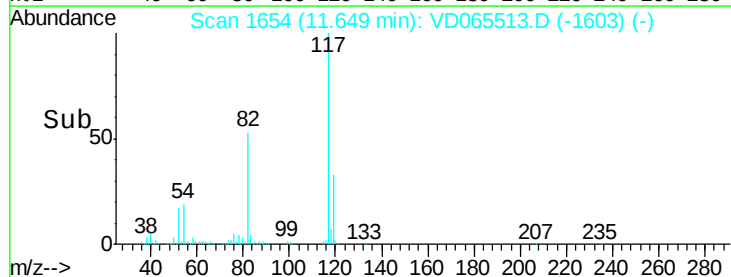
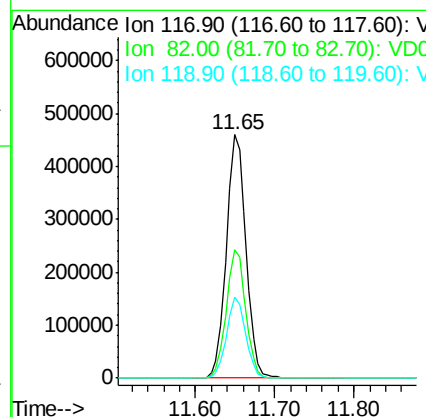
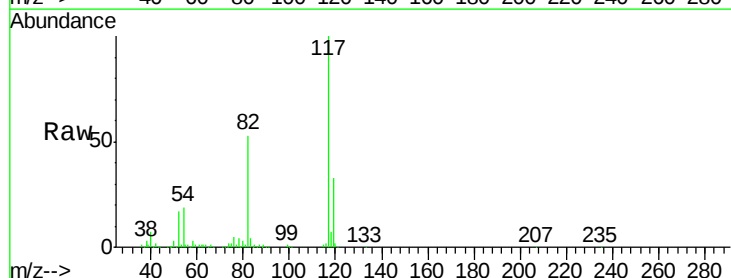
Instrument :
MSVOA_D
ClientSampleId :
VNJ-204

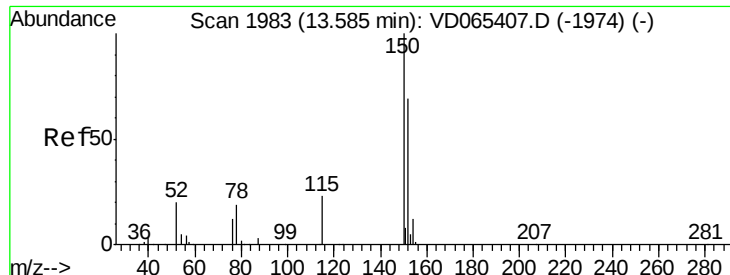
Tot Ion: 95 Resp: 300472
Ion Ratio Lower Upper
95 100
174 92.0 0.0 176.8
176 88.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065513.D
Acq: 16 Mar 2020 15:33

Tgt Ion: 117 Resp: 784429
Ion Ratio Lower Upper
117 100
82 52.7 40.6 60.8
119 33.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065513.D

Acq: 16 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

VNJ-204

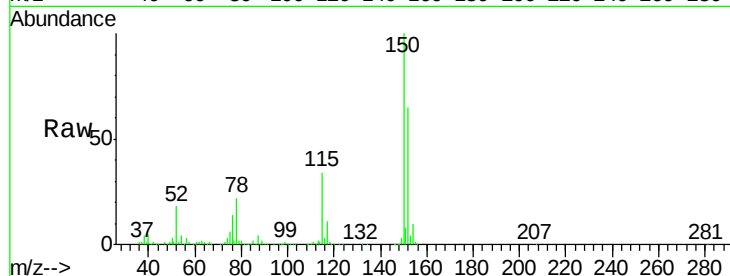
Tot Ion:152 Resp: 317878

Ion Ratio Lower Upper

152 100

115 54.8 27.6 82.8

150 157.1 0.0 345.0



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

