

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063485.D
 Acq On : 12 Aug 2019 14:11
 Operator : JC/SY
 Sample : K4244-01
 Misc : 6.22g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BERGEN-SP-1

Quant Time: Aug 13 08:03:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

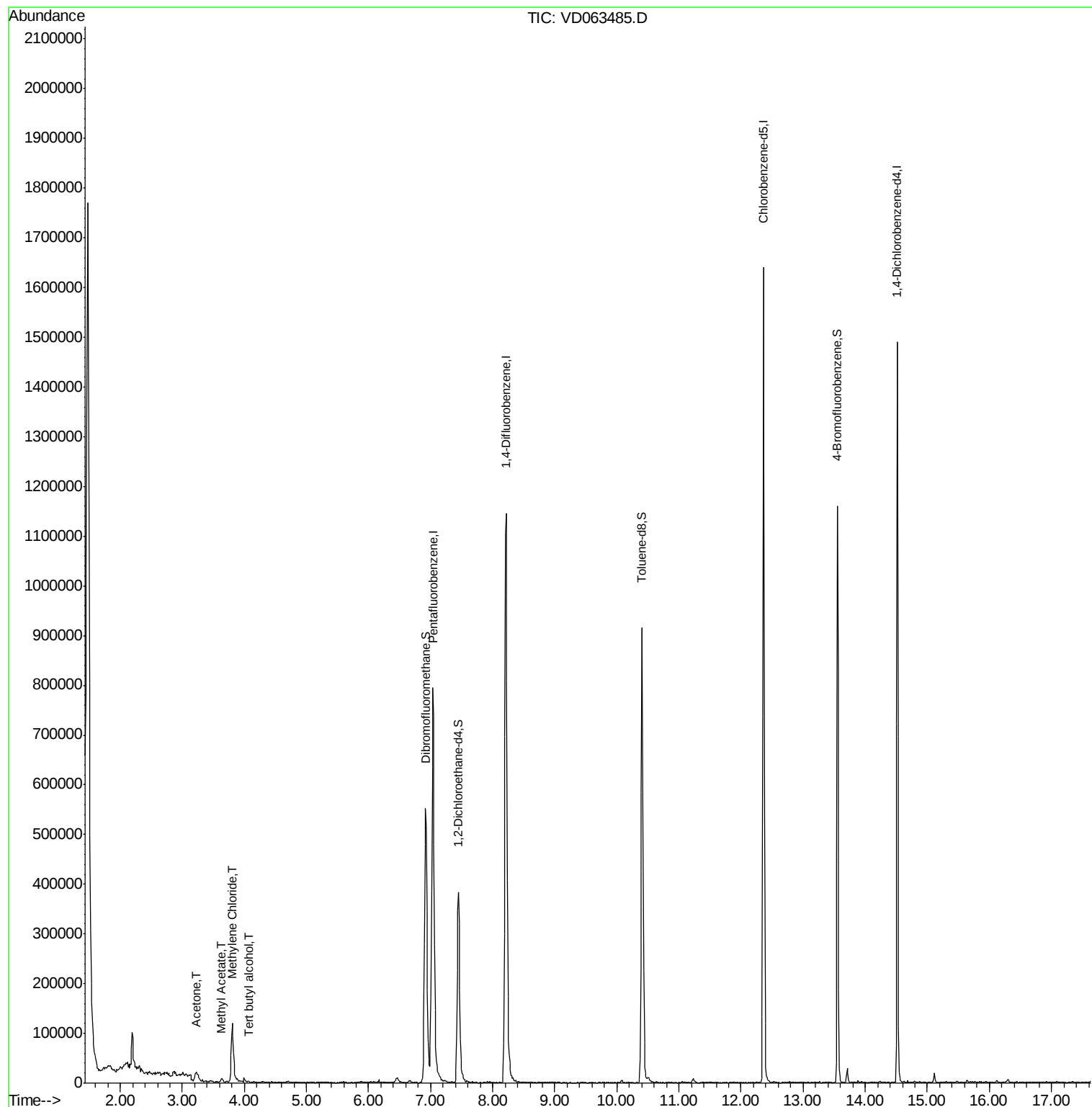
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	790045	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1286448	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	913980	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	310896	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	444564	52.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.28%	
35) Dibromofluoromethane	6.92	113	508997	46.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	10.40	98	784917	32.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.90%	
62) 4-Bromofluorobenzene	13.55	95	324445	30.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	60.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.06	59	576	1.567	ug/l #	71
16) Acetone	3.23	43	38718	22.554	ug/l	94
18) Methyl Acetate	3.63	43	13845	4.258	ug/l #	88
20) Methylene Chloride	3.81	84	70380	9.481	ug/l	94

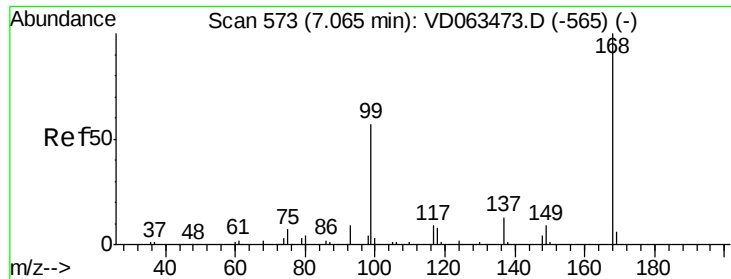
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
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QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063485.D

Acq: 12 Aug 2019 14:11

Instrument :

MSVOA_D

ClientSampleId :

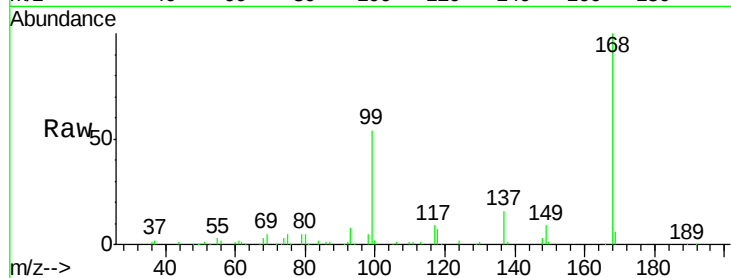
BERGEN-SP-1

Tot Ion:168 Resp: 790045

Ion Ratio Lower Upper

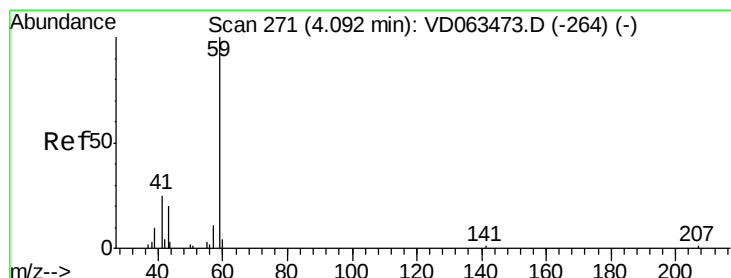
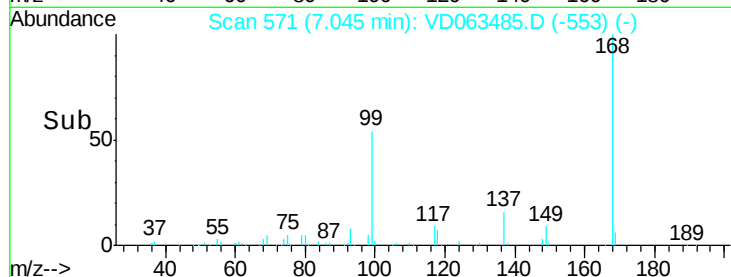
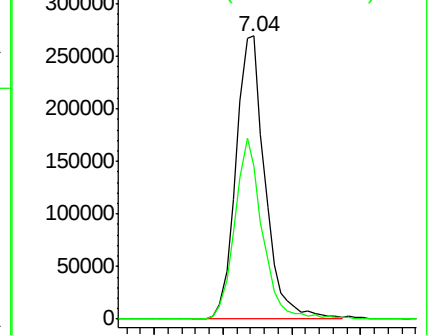
168 100

99 54.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 1.567 ug/l

RT: 4.06 min Scan# 268

Delta R.T. -0.03 min

Lab File: VD063485.D

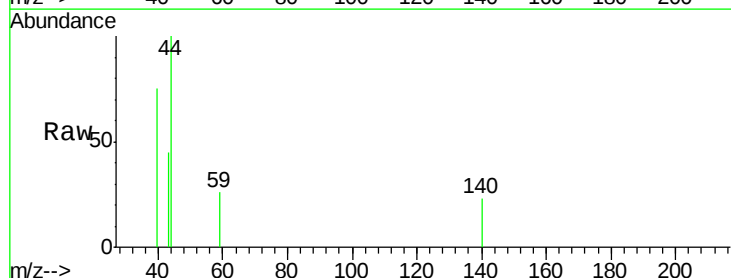
Acq: 12 Aug 2019 14:11

Tgt Ion: 59 Resp: 576

Ion Ratio Lower Upper

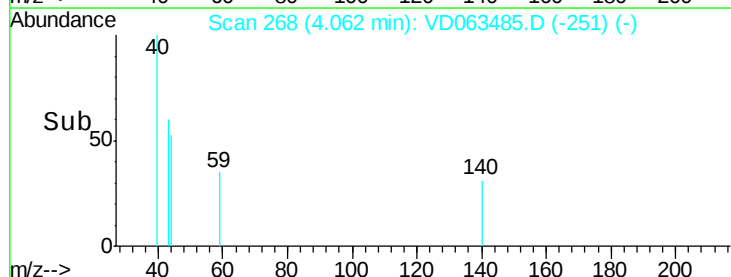
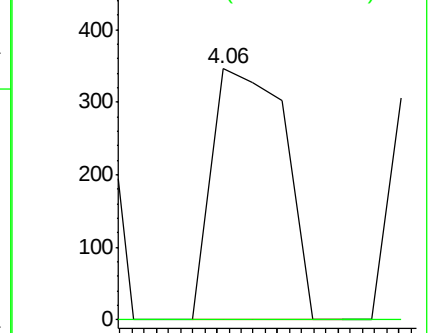
59 100

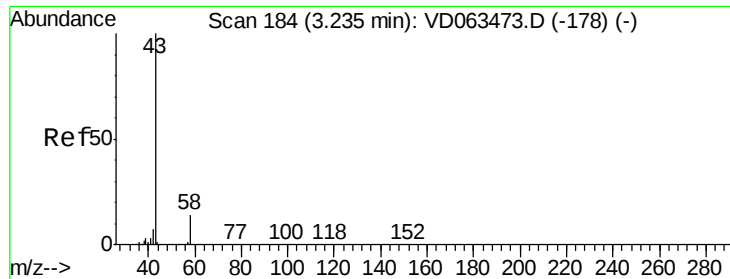
57 0.0 8.7 13.1#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 22.554 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063485.D

Acq: 12 Aug 2019 14:11

Instrument :

MSVOA_D

ClientSampleId :

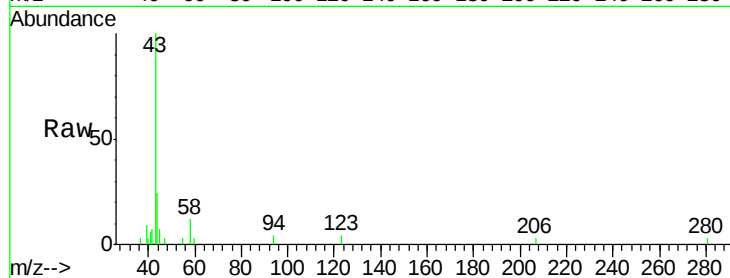
BERGEN-SP-1

Tot Ion: 43 Resp: 38718

Ion Ratio Lower Upper

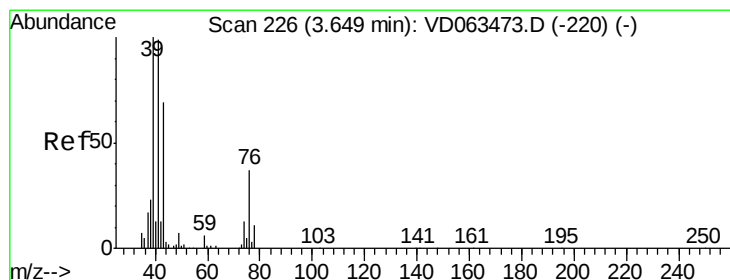
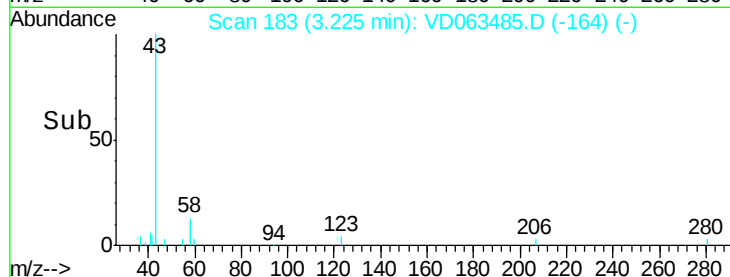
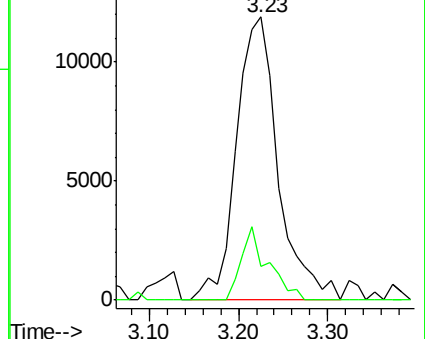
43 100

58 11.8 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 4.258 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.02 min

Lab File: VD063485.D

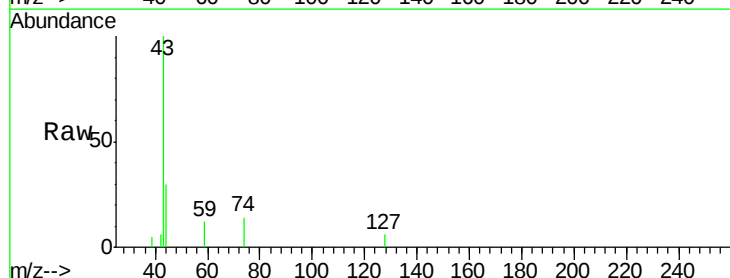
Acq: 12 Aug 2019 14:11

Tgt Ion: 43 Resp: 13845

Ion Ratio Lower Upper

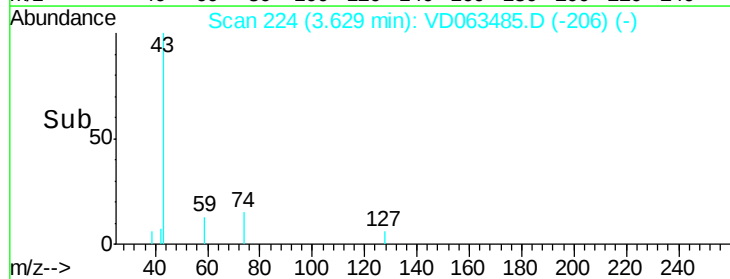
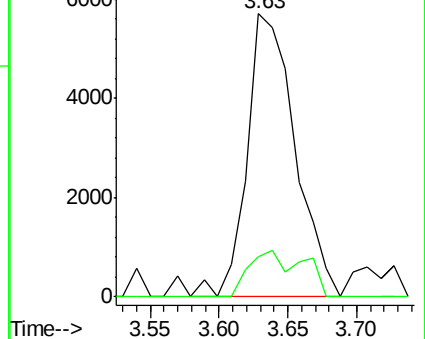
43 100

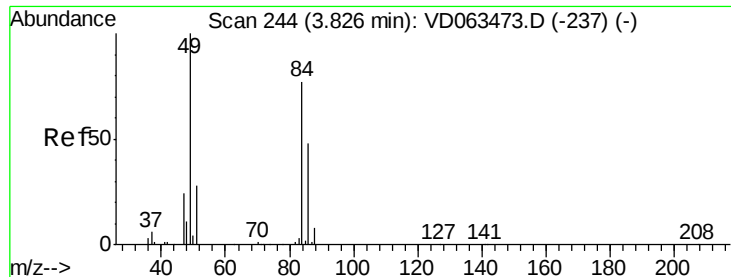
74 14.0 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#20

Methylene Chloride

Concen: 9.481 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063485.D

Acq: 12 Aug 2019 14:11

Instrument :

MSVOA_D

ClientSampleId :

BERGEN-SP-1

Tot Ion: 84 Resp: 70380

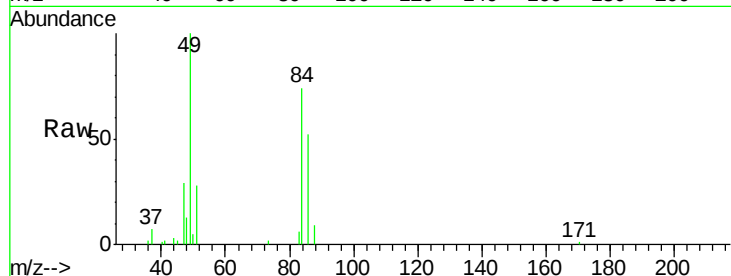
Ion Ratio Lower Upper

84 100

49 134.5 103.4 155.2

51 37.9 28.5 42.7

86 70.3 49.4 74.2

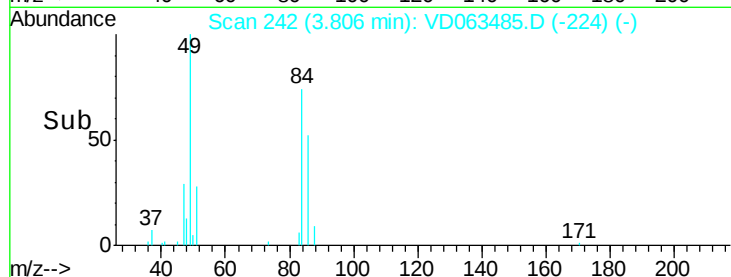
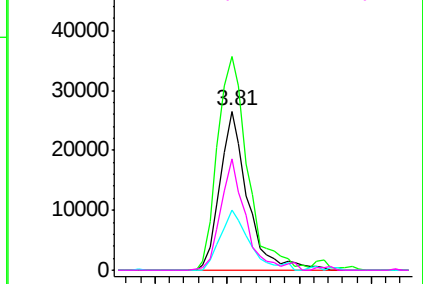


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 52.642 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063485.D

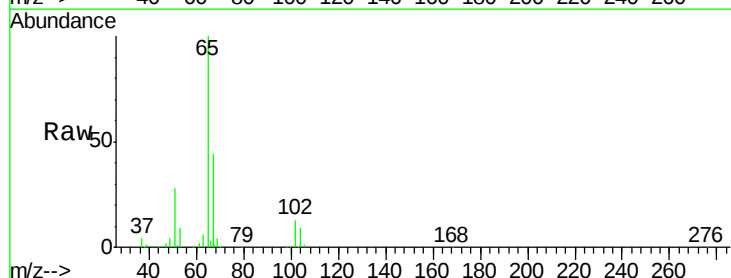
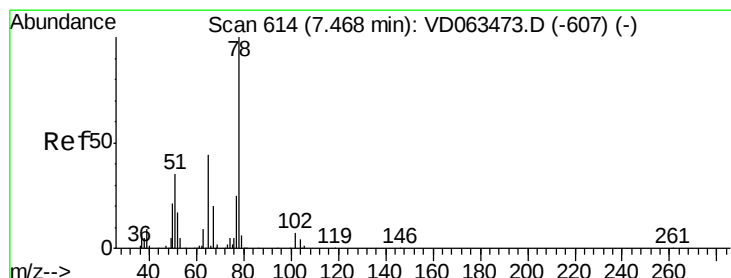
Acq: 12 Aug 2019 14:11

Tgt Ion: 65 Resp: 444564

Ion Ratio Lower Upper

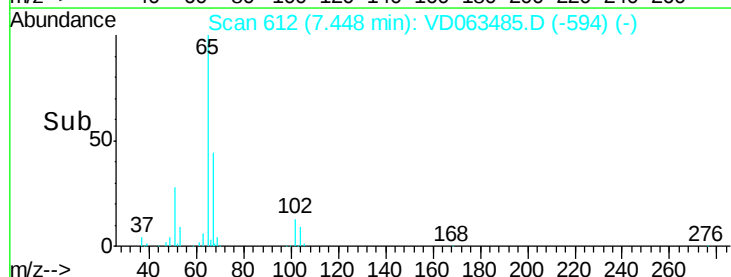
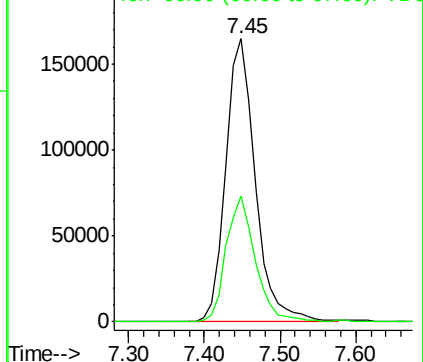
65 100

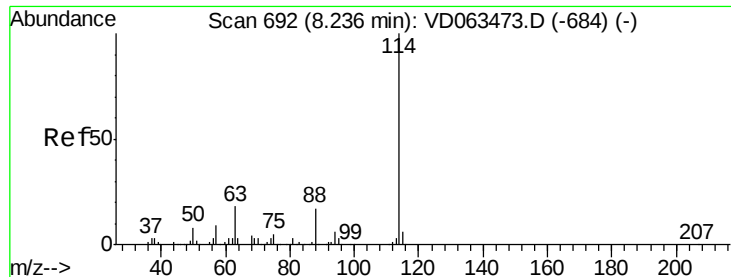
67 44.3 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063485.D

Acq: 12 Aug 2019 14:11

Instrument :

MSVOA_D

ClientSampleId :

BERGEN-SP-1

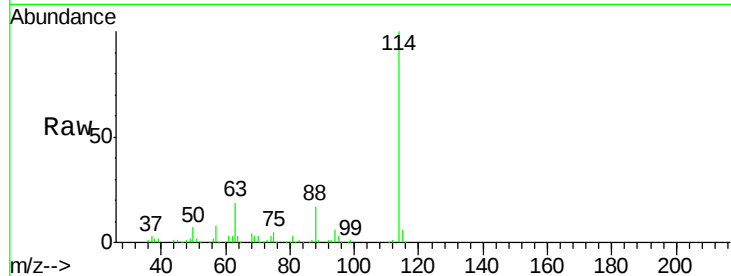
Tot Ion:114 Resp: 1286448

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.2

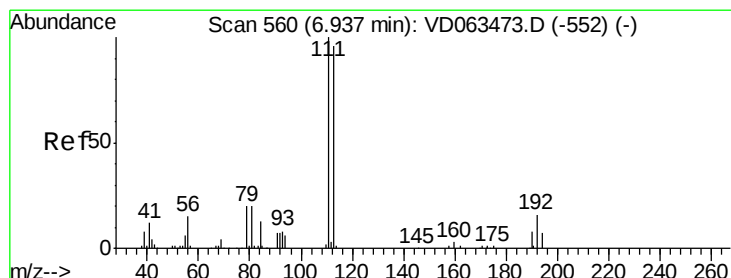
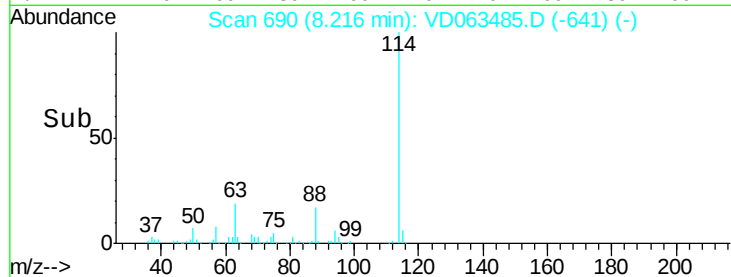
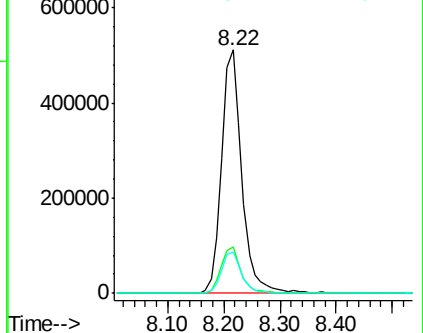
88 17.2 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 46.979 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063485.D

Acq: 12 Aug 2019 14:11

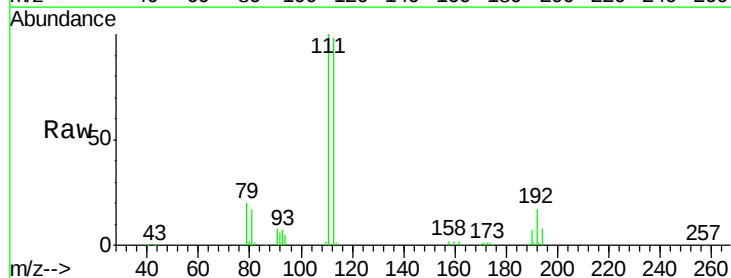
Tgt Ion:113 Resp: 508997

Ion Ratio Lower Upper

113 100

111 101.8 83.1 124.7

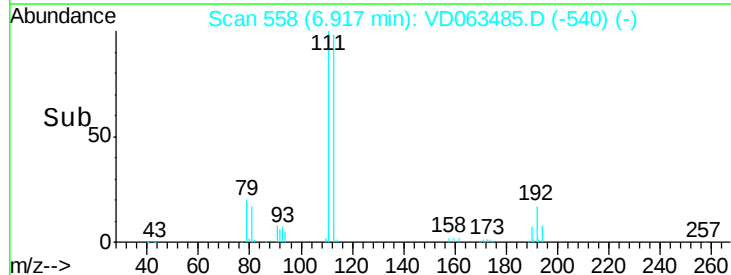
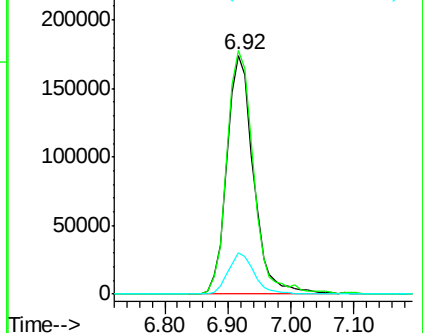
192 17.1 13.1 19.7

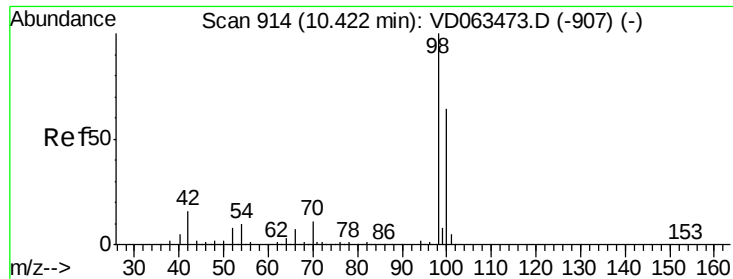


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

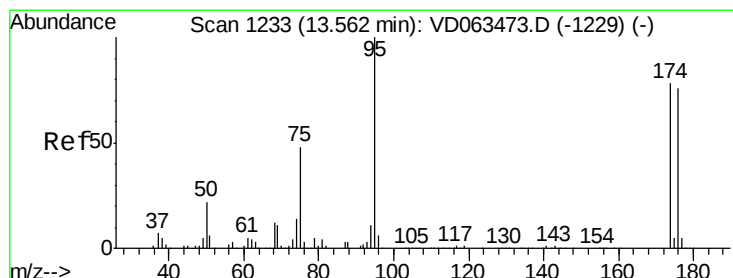
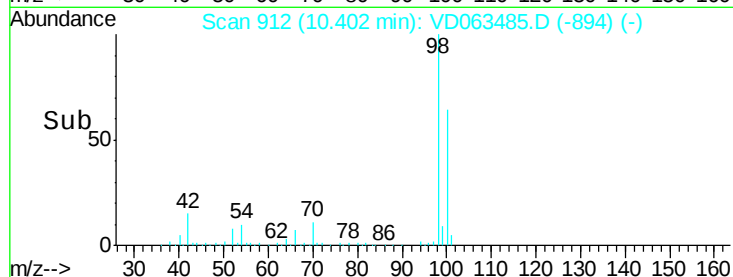
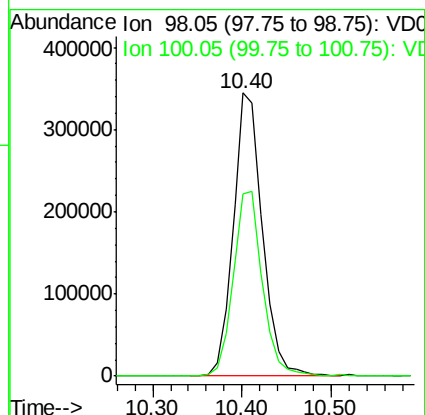
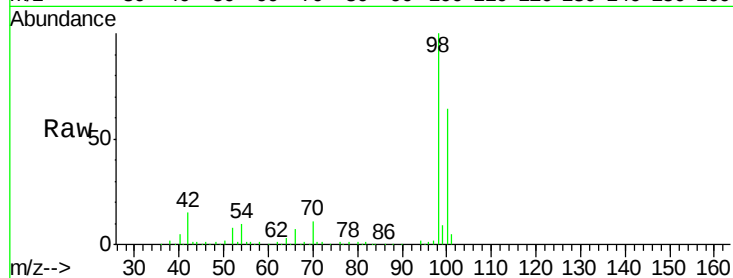




#50
Toluene-d8
Concen: 32.952 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063485.D
Acq: 12 Aug 2019 14:11

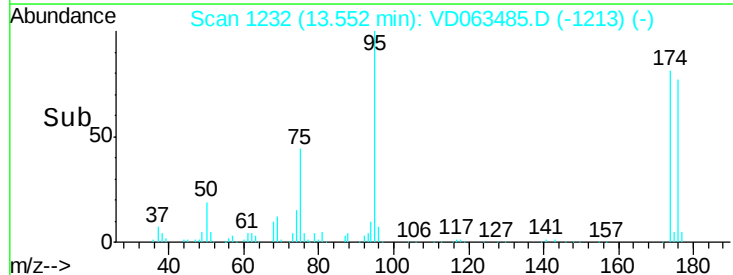
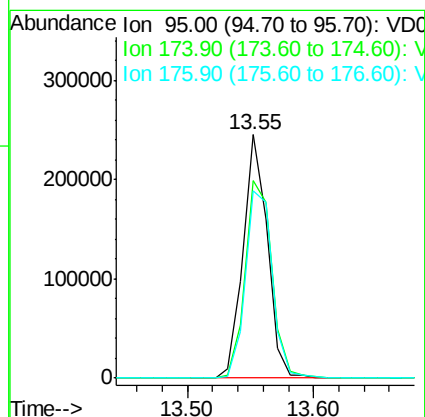
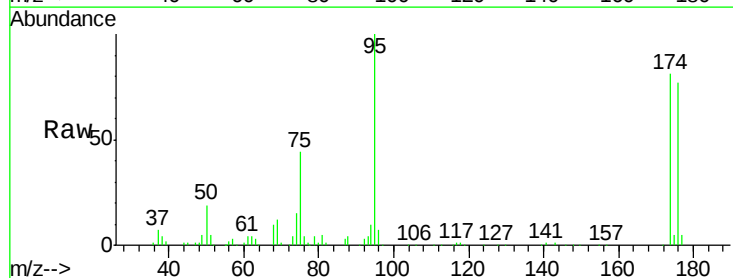
Instrument :
MSVOA_D
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BERGEN-SP-1

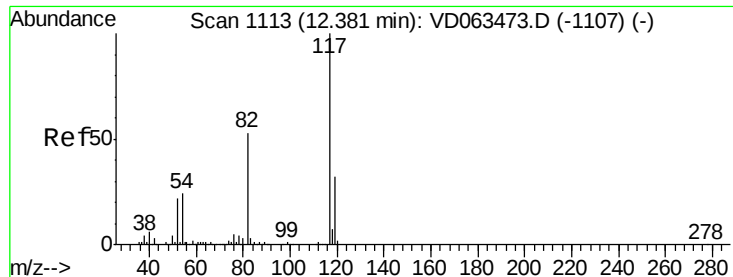
Tot Ion: 98 Resp: 784917
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 30.051 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063485.D
Acq: 12 Aug 2019 14:11

Tgt Ion: 95 Resp: 324445
Ion Ratio Lower Upper
95 100
174 81.2 0.0 155.4
176 77.0 0.0 152.4

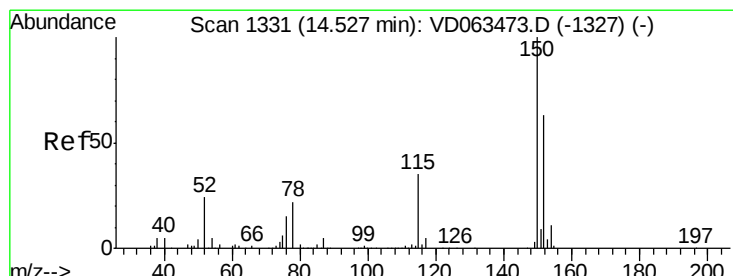
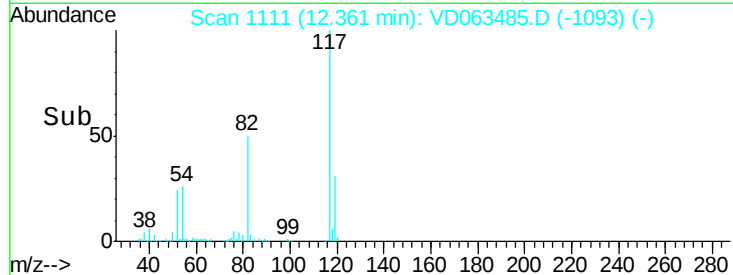
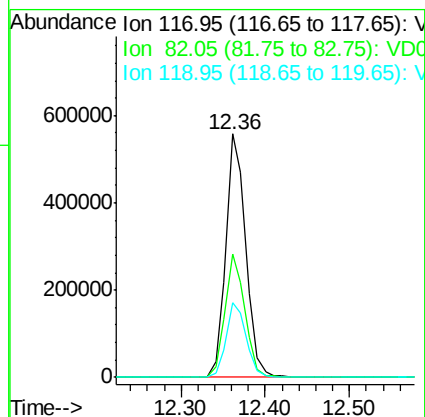
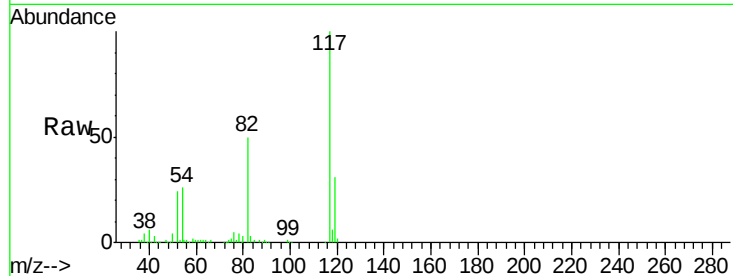




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063485.D
Acq: 12 Aug 2019 14:11

Instrument :
MSVOA_D
ClientSampleId :
BERGEN-SP-1

Tot Ion:117 Resp: 913980
Ion Ratio Lower Upper
117 100
82 50.5 42.0 63.0
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063485.D
Acq: 12 Aug 2019 14:11

Tgt Ion:152 Resp: 310896
Ion Ratio Lower Upper
152 100
115 56.2 30.9 92.7
150 149.3 0.0 318.6

