

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065565.D
 Acq On : 31 Mar 2020 14:50
 Operator : VA/SY
 Sample : L1759-16
 Misc : 7.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-033020

Quant Time: Apr 01 07:33:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

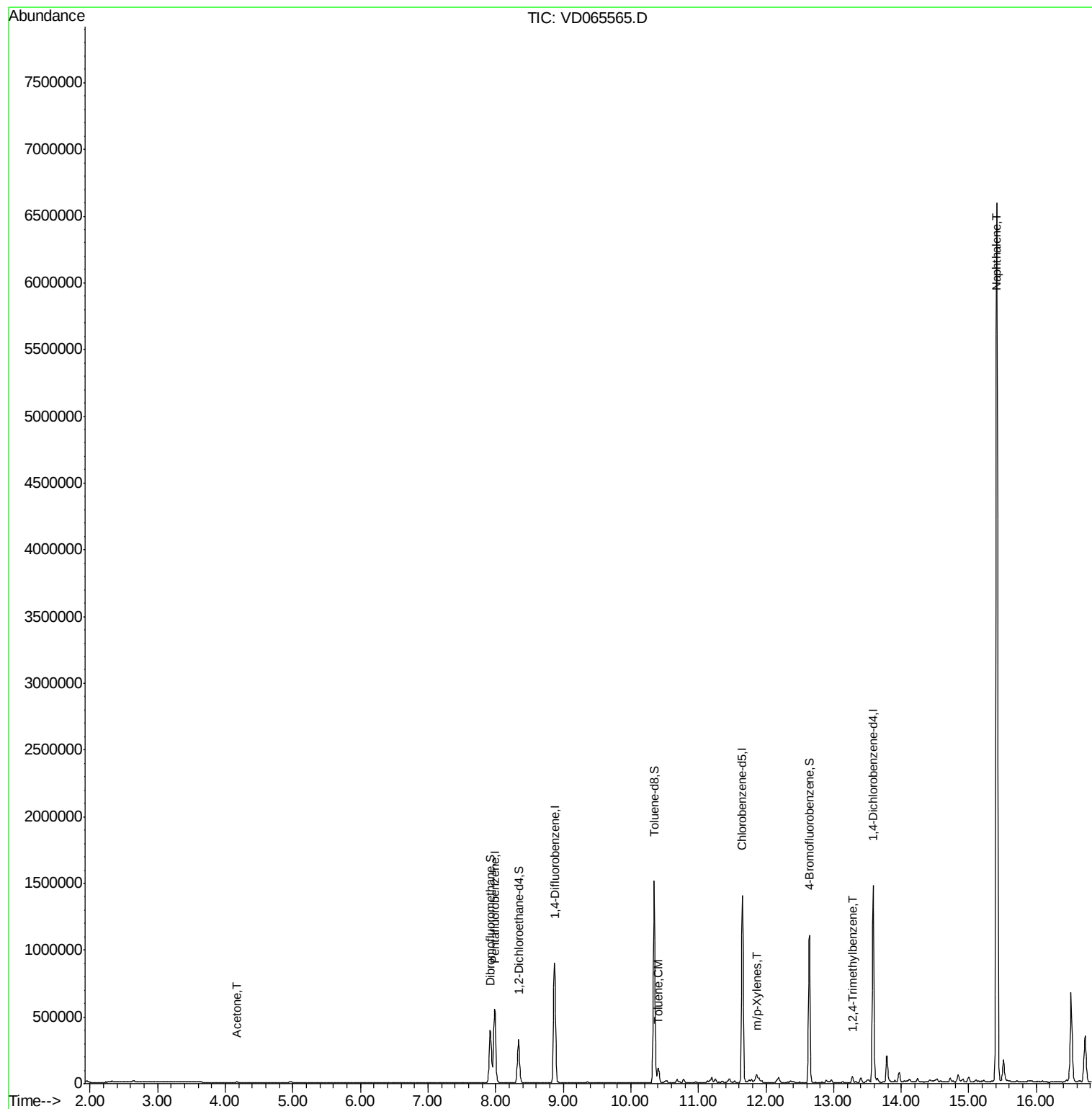
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	440652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	826748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	860250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	412856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	254928	69.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.00%	
35) Dibromofluoromethane	7.92	113	284809	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	
50) Toluene-d8	10.34	98	1029513	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.64	95	354911	58.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.74%	
Target Compounds						
16) Acetone	4.17	43	11788	17.032	ug/l	92
52) Toluene	10.41	92	45932	3.365	ug/l	100
68) m/p-Xylenes	11.86	106	12502	1.124	ug/l	93
84) 1,2,4-Trimethylbenzene	13.28	105	21761	1.036	ug/l	95
95) Naphthalene	15.41	128	5805751	420.242	ug/l	99

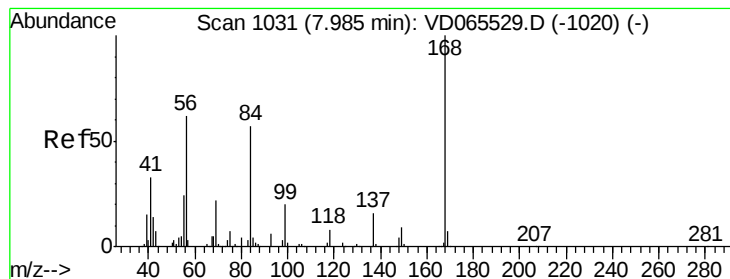
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065565.D

Acq: 31 Mar 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

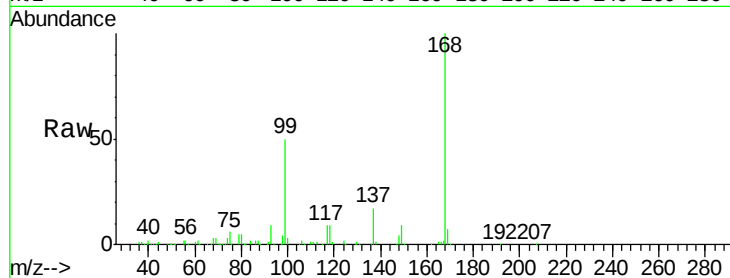
OR-03-033020

Tot Ion:168 Resp: 440652

Ion Ratio Lower Upper

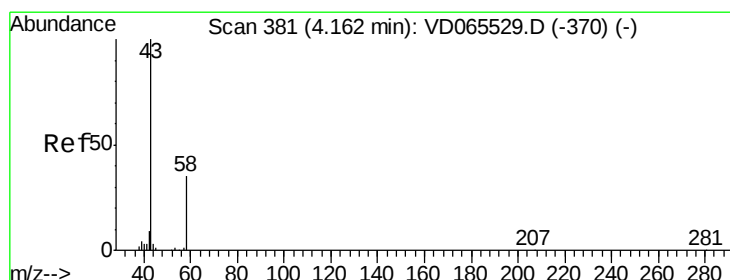
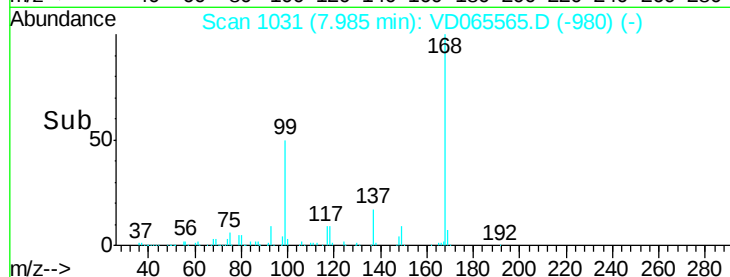
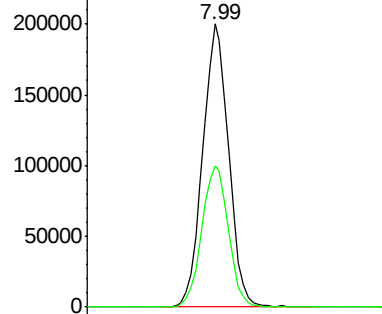
168 100

99 50.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 17.032 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065565.D

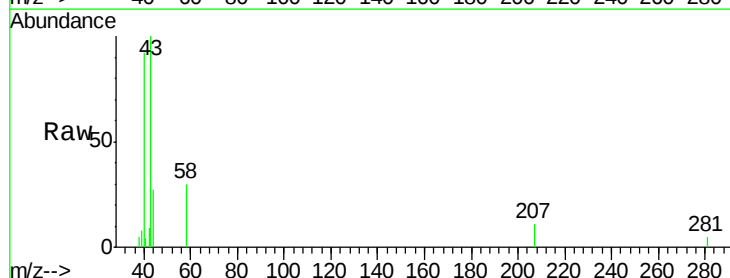
Acq: 31 Mar 2020 14:50

Tgt Ion: 43 Resp: 11788

Ion Ratio Lower Upper

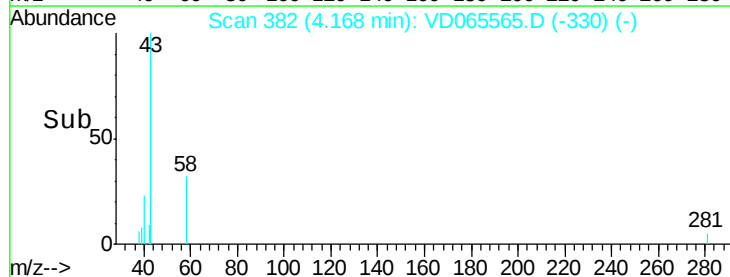
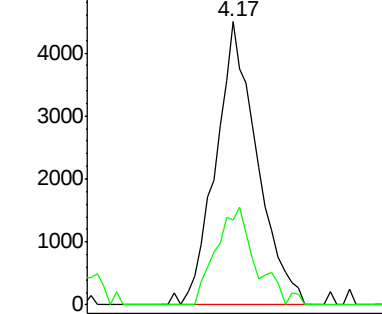
43 100

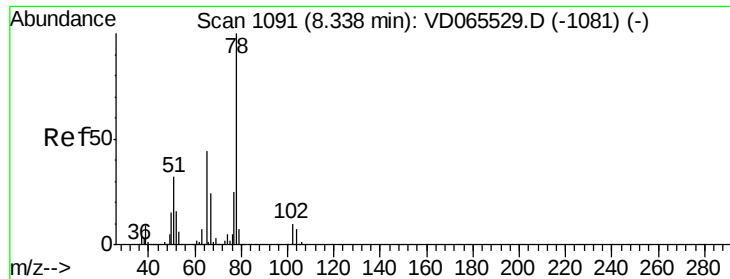
58 30.2 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

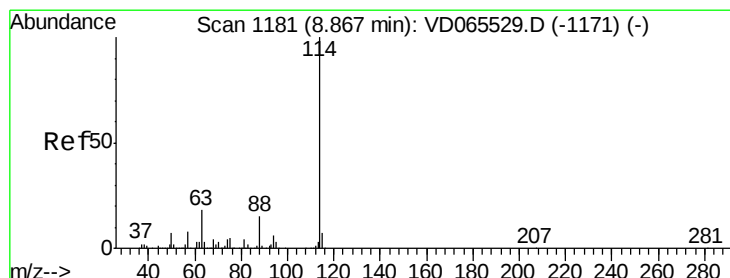
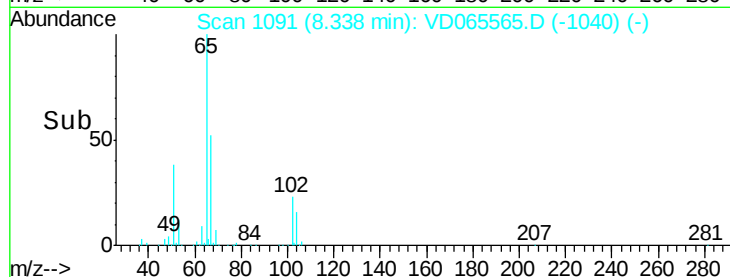
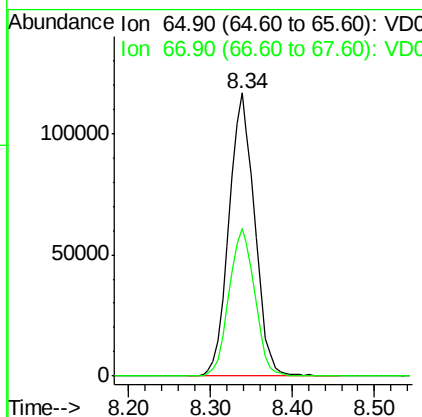
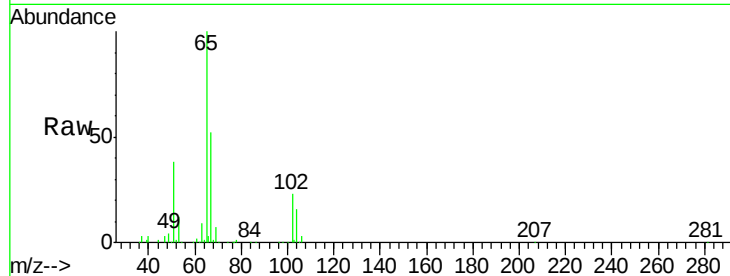




#33
 1,2-Dichloroethane-d4
 Concen: 69.498 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065565.D
 Acq: 31 Mar 2020 14:50

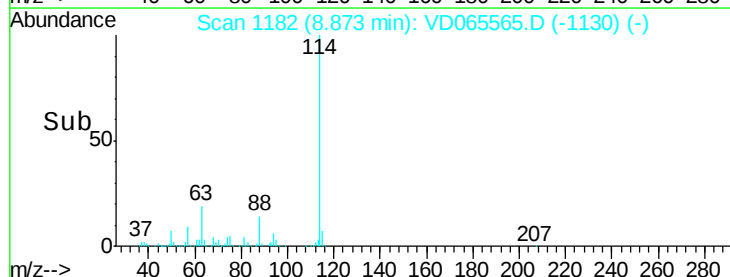
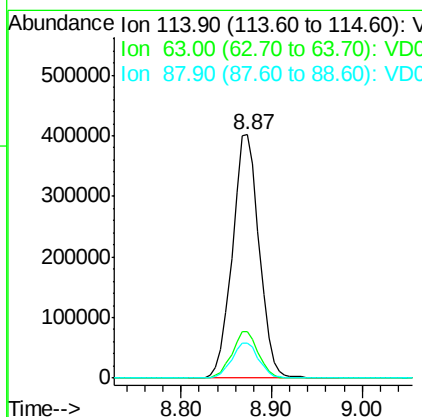
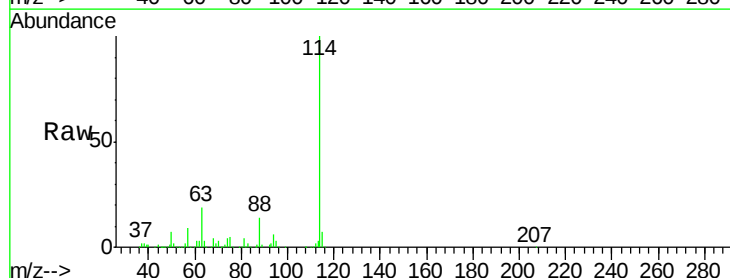
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-033020

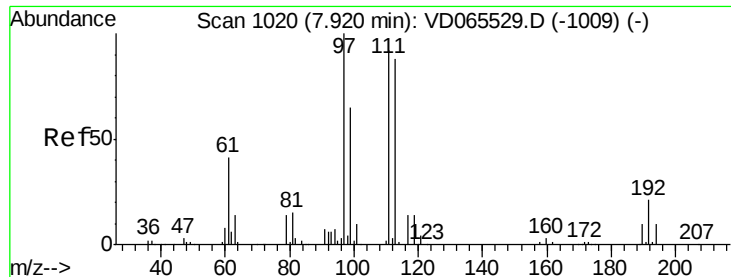
Tot Ion: 65 Resp: 254928
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065565.D
 Acq: 31 Mar 2020 14:50

Tgt Ion: 114 Resp: 826748
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.0
 88 14.5 0.0 30.4

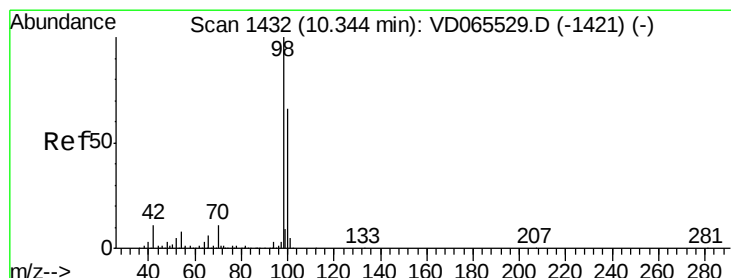
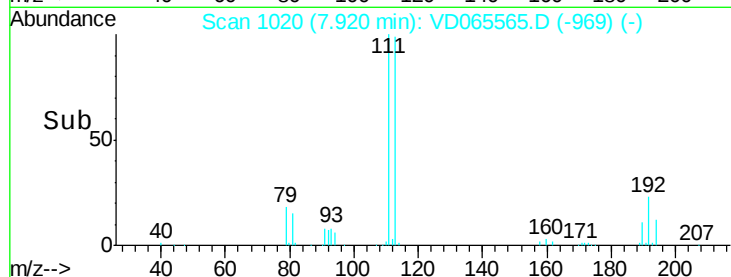
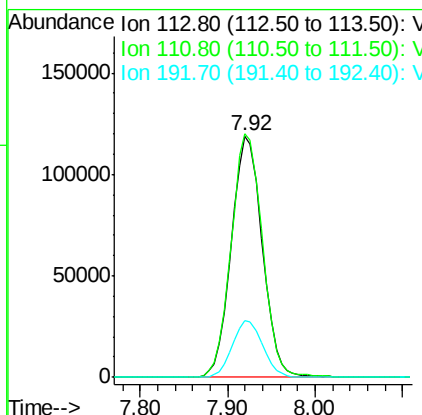
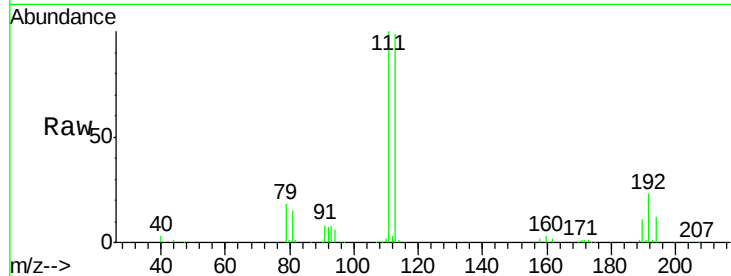




#35
Dibromofluoromethane
Concen: 55.811 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065565.D
Acq: 31 Mar 2020 14:50

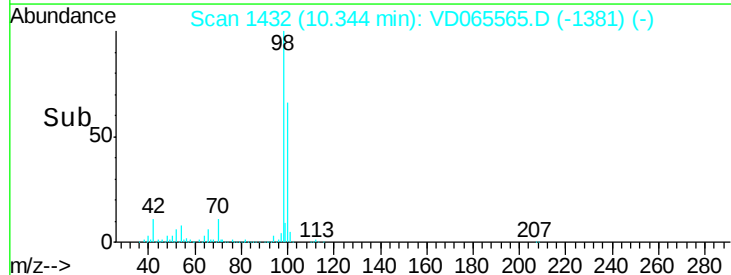
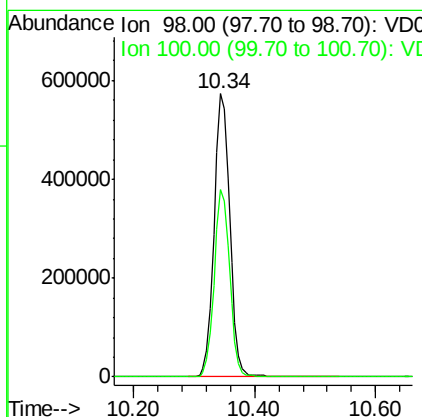
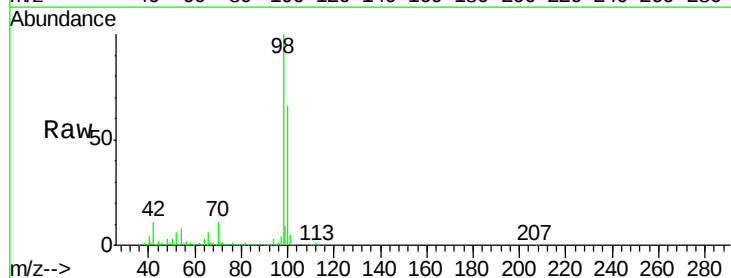
Instrument :
MSVOA_D
ClientSampleId :
OR-03-033020

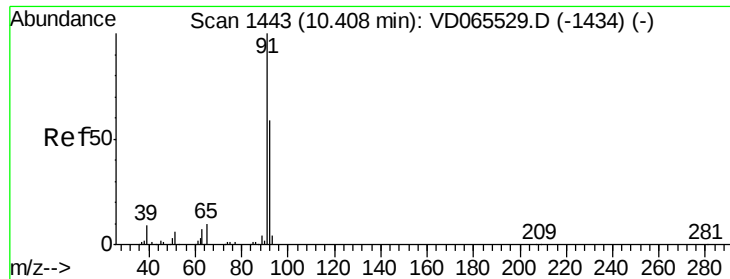
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.3	124.9
192	23.3	18.5	27.7



#50
Toluene-d8
Concen: 53.737 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065565.D
Acq: 31 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#52

Toluene

Concen: 3.365 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065565.D

Acq: 31 Mar 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

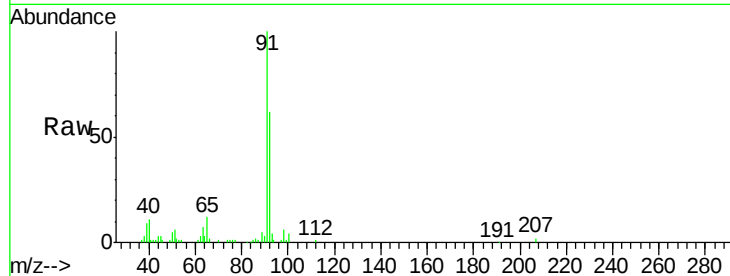
OR-03-033020

Tot Ion: 92 Resp: 45932

Ion Ratio Lower Upper

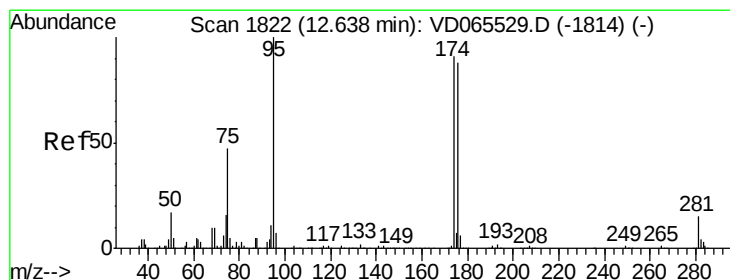
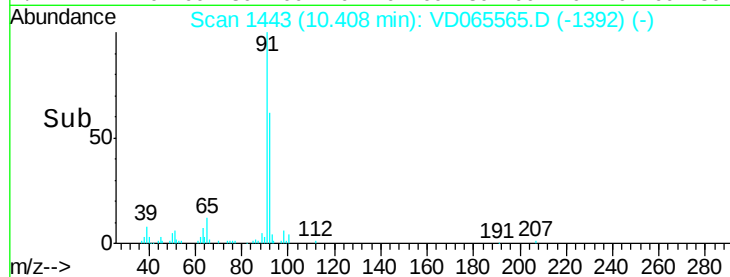
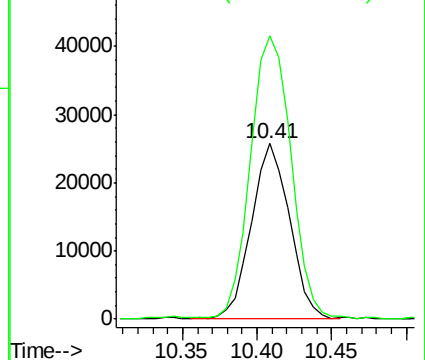
92 100

91 171.0 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 58.367 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065565.D

Acq: 31 Mar 2020 14:50

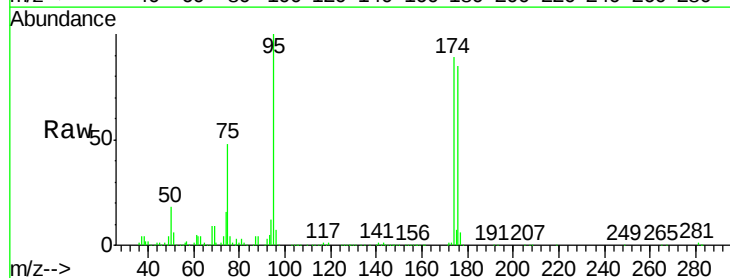
Tgt Ion: 95 Resp: 354911

Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.8

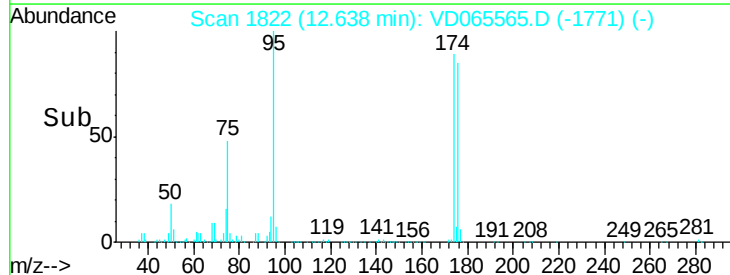
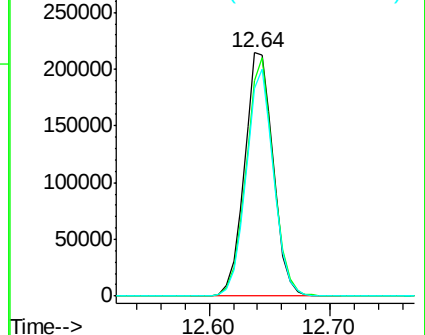
176 89.1 0.0 178.2

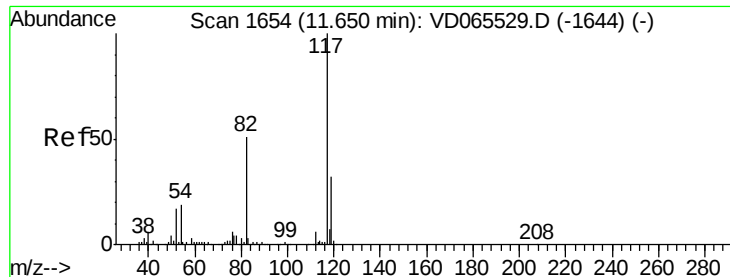


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

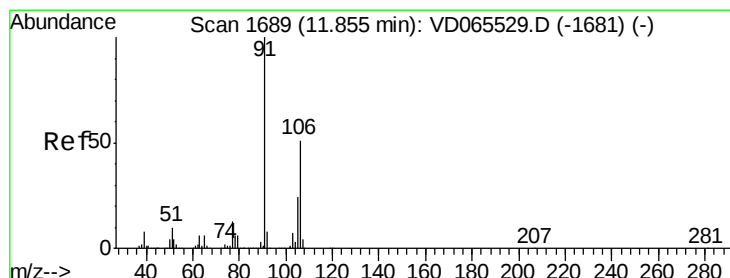
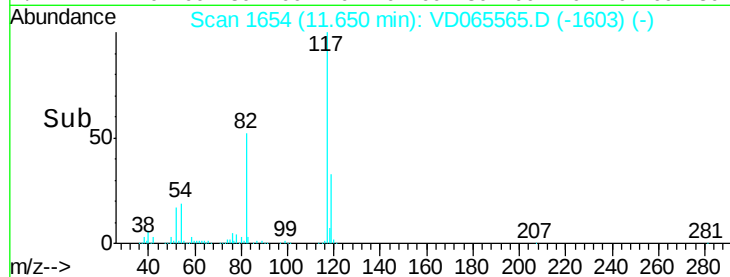
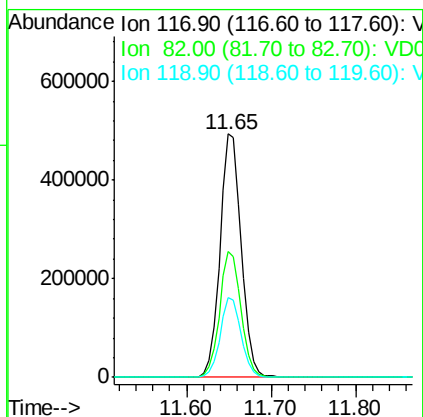
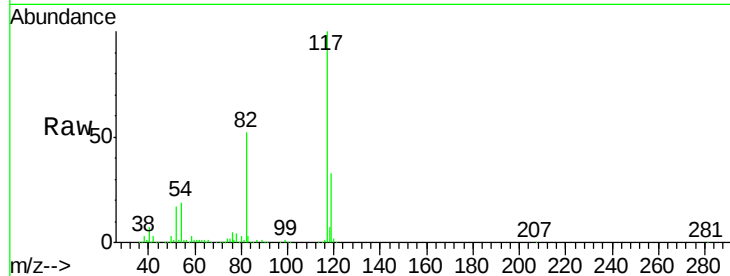




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065565.D
Acq: 31 Mar 2020 14:50

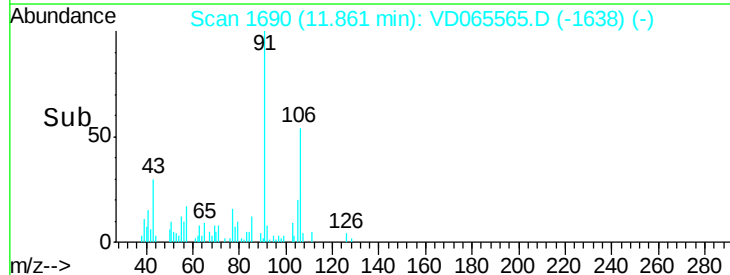
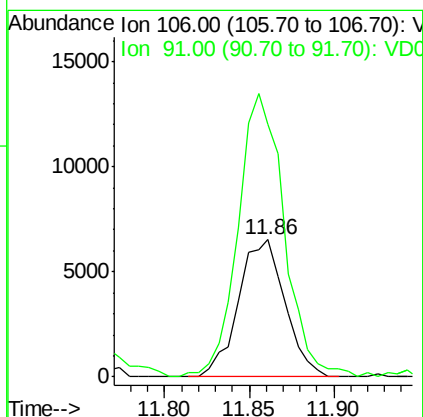
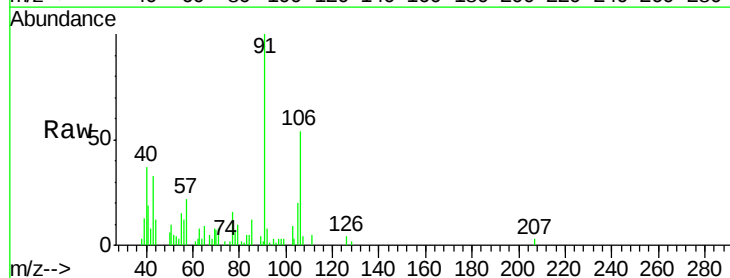
Instrument :
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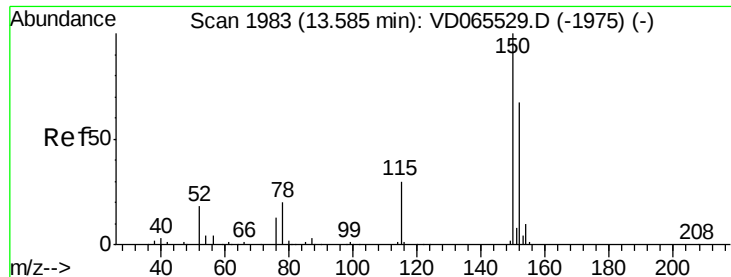
Tot Ion:117 Resp: 860250
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.6
119 32.7 25.5 38.3



#68
m/p-Xylenes
Concen: 1.124 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD065565.D
Acq: 31 Mar 2020 14:50

Tgt Ion:106 Resp: 12502
Ion Ratio Lower Upper
106 100
91 204.6 155.4 233.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065565.D

Acq: 31 Mar 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

OR-03-033020

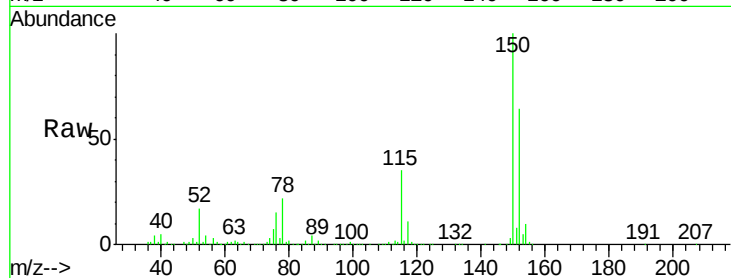
Tot Ion:152 Resp: 412856

Ion Ratio Lower Upper

152 100

115 53.9 27.2 81.6

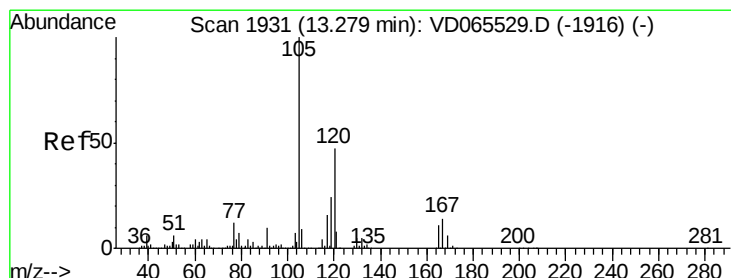
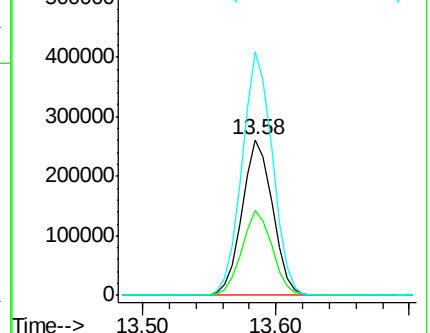
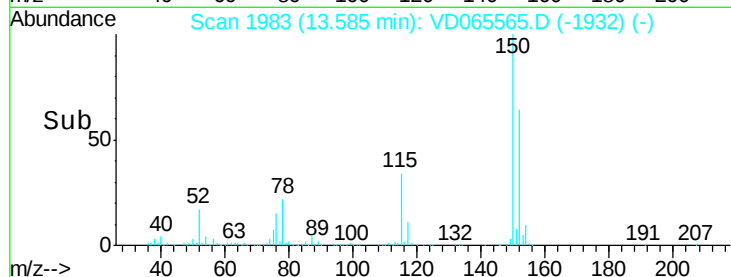
150 156.2 0.0 340.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.036 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065565.D

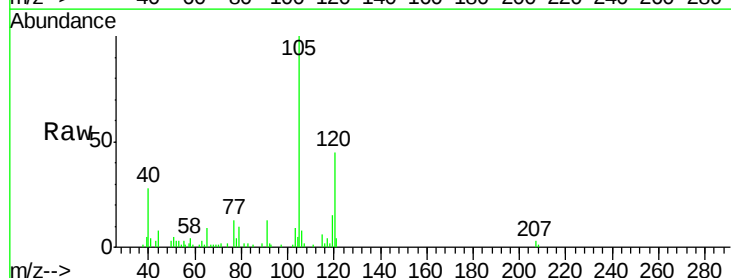
Acq: 31 Mar 2020 14:50

Tgt Ion:105 Resp: 21761

Ion Ratio Lower Upper

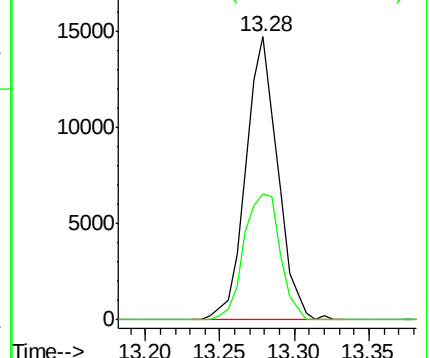
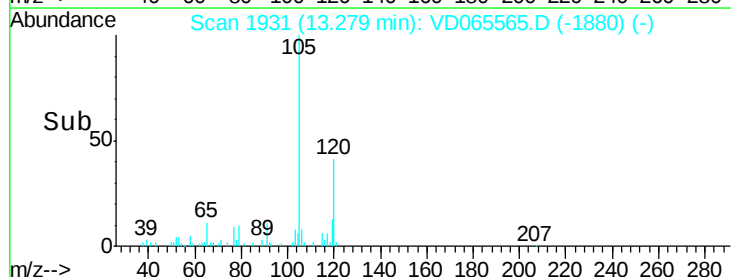
105 100

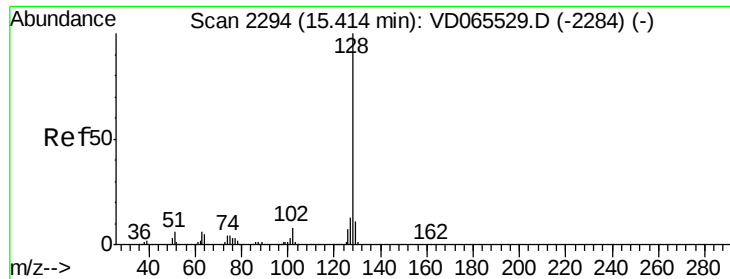
120 50.4 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 420.242 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065565.D

Acq: 31 Mar 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

OR-03-033020

Tot Ion:128 Resp: 5805751

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.3 8.7 13.1

