

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065209.D
 Acq On : 17 Feb 2020 21:03
 Operator : VA/SY
 Sample : L1545-02RE
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 43ST-ARE

Quant Time: Feb 18 04:09:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

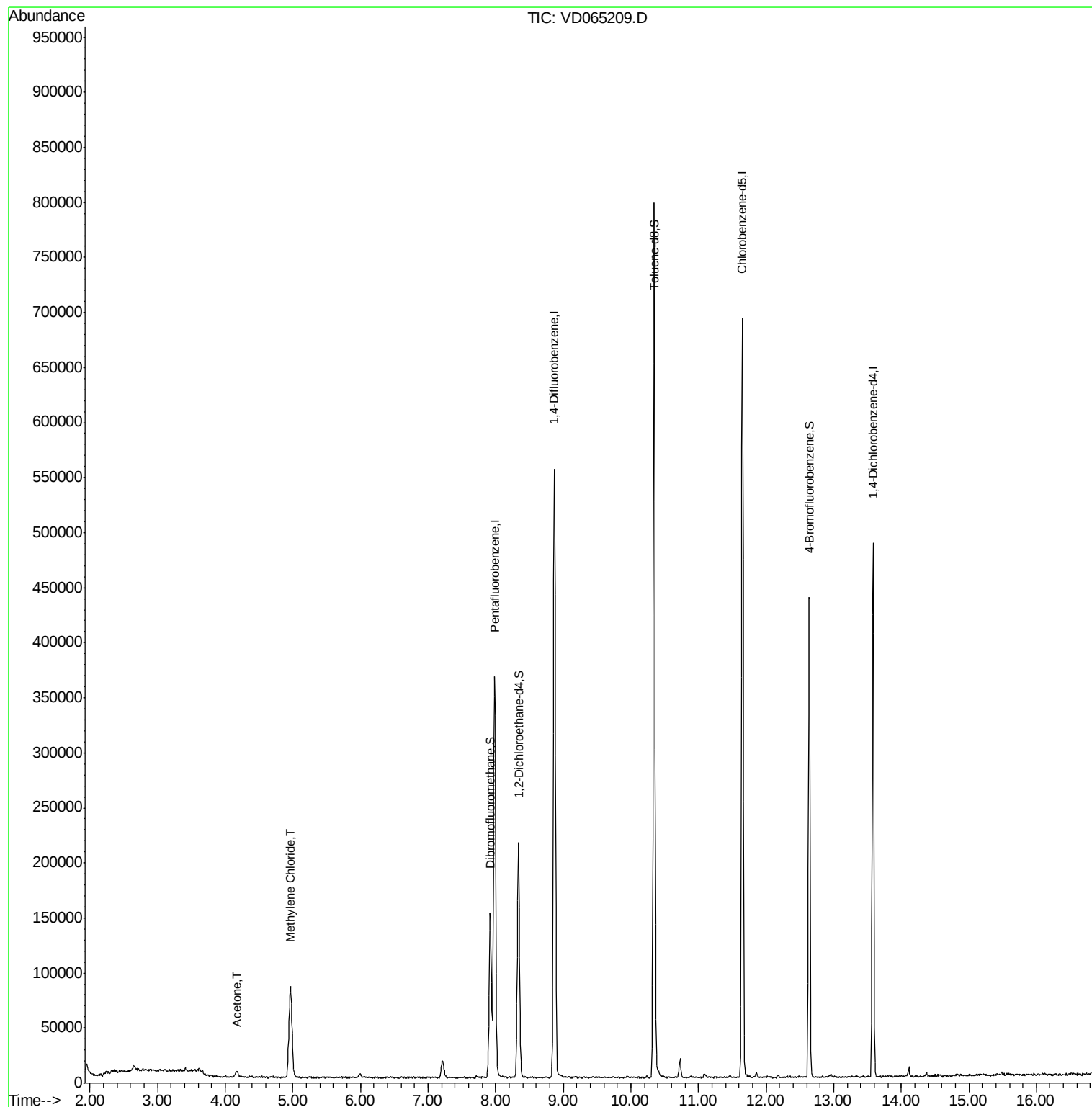
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	282246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	483009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	410313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	131640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	171875	71.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.30%	
35) Dibromofluoromethane	7.92	113	107672	39.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.90%	
50) Toluene-d8	10.34	98	532376	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.64	95	138113	40.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.28%	
Target Compounds						
16) Acetone	4.17	43	9565	15.948	ug/l	99
20) Methylene Chloride	4.97	84	64039	22.047	ug/l	98

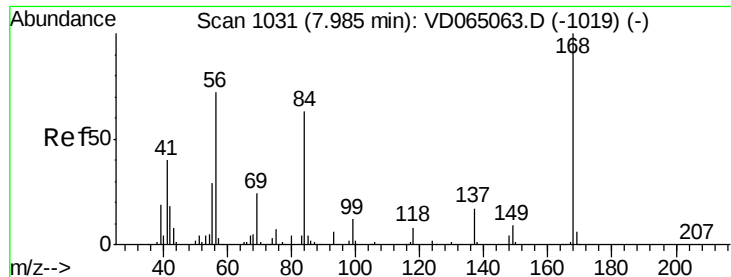
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065209.D

Acq: 17 Feb 2020 21:03

Instrument :

MSVOA_D

ClientSampleId :

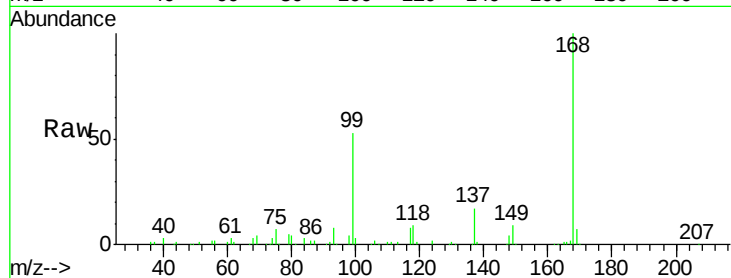
43ST-ARE

Tot Ion:168 Resp: 282246

Ion Ratio Lower Upper

168 100

99 52.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

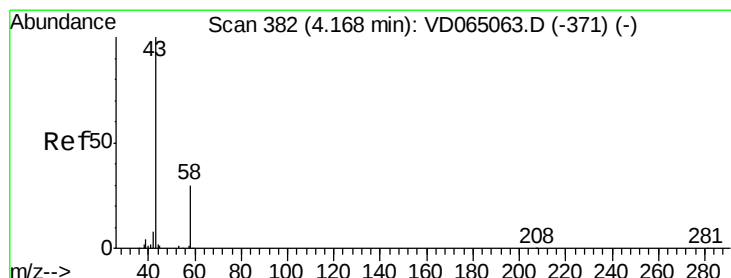
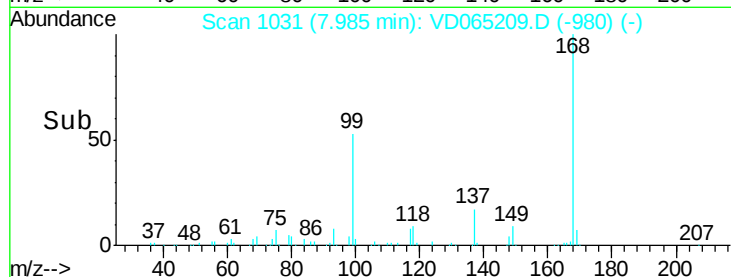
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.948 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065209.D

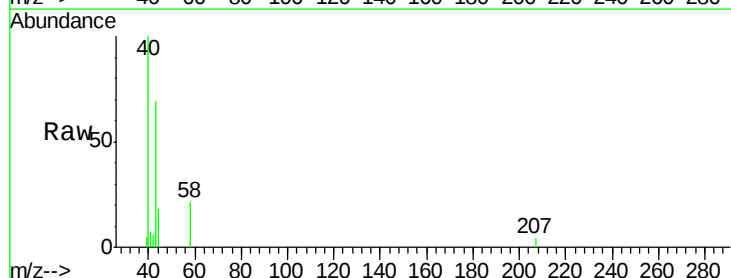
Acq: 17 Feb 2020 21:03

Tgt Ion: 43 Resp: 9565

Ion Ratio Lower Upper

43 100

58 30.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

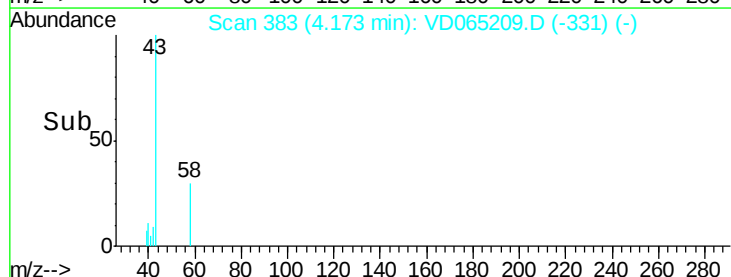
3000

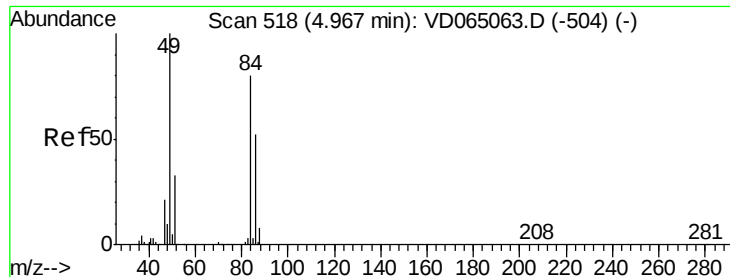
2000

1000

0

Time-->

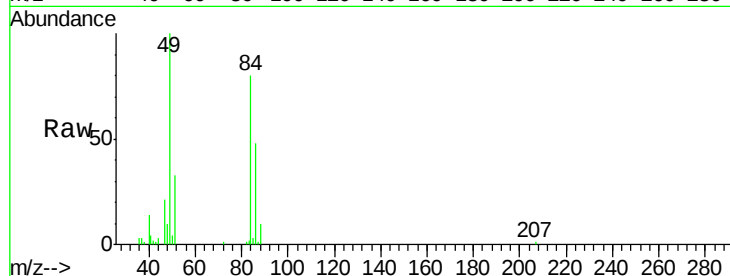




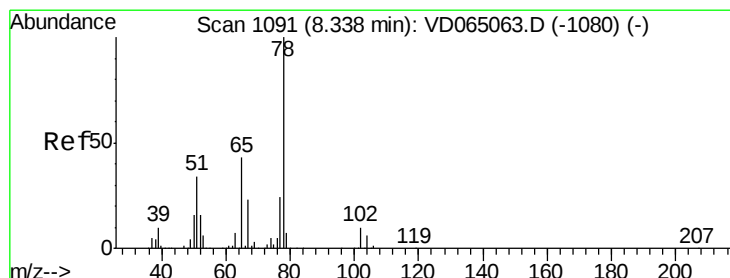
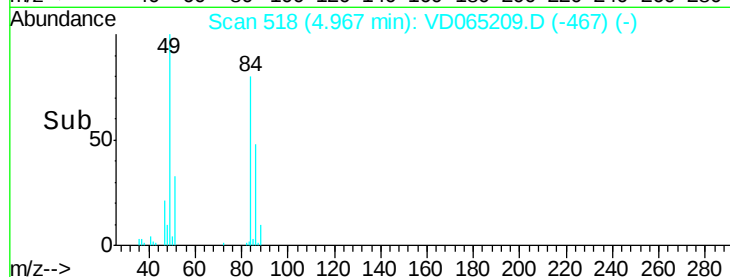
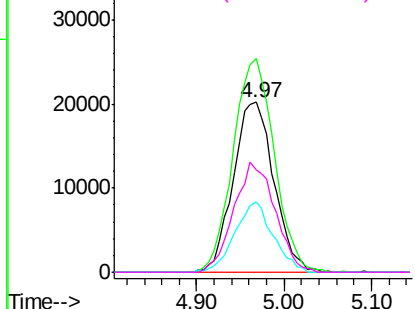
#20
Methylene Chloride
Concen: 22.047 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065209.D
Acq: 17 Feb 2020 21:03

Instrument :
MSVOA_D
ClientSampleId :
43ST-ARE

Tot Ion: 84 Resp: 64039
Ion Ratio Lower Upper
84 100
49 125.6 100.4 150.6
51 41.7 32.7 49.1
86 60.2 52.4 78.6

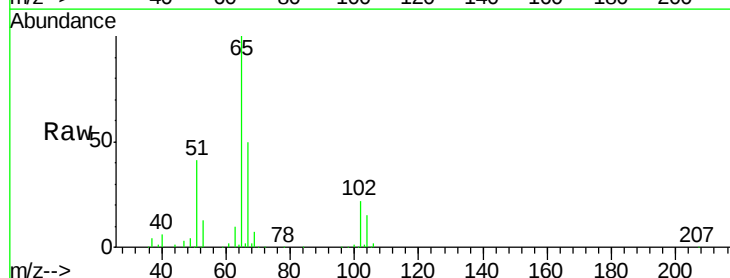


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

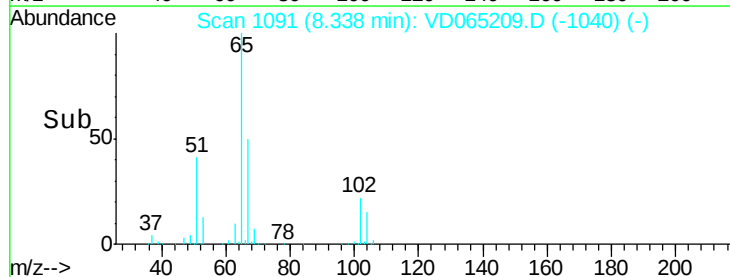
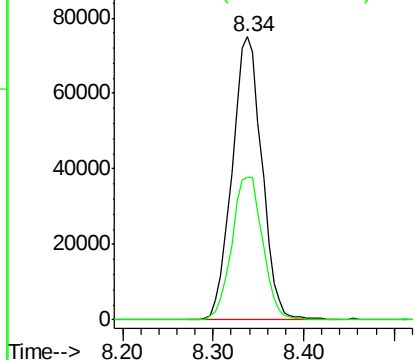


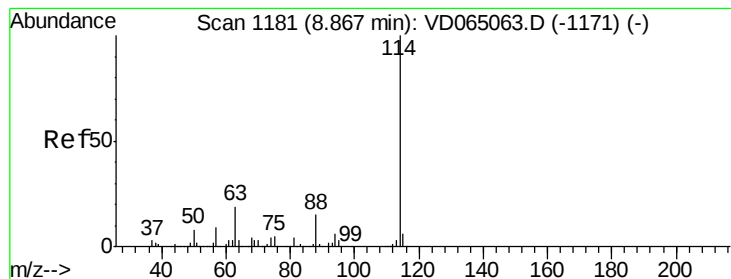
#33
1,2-Dichloroethane-d4
Concen: 71.649 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065209.D
Acq: 17 Feb 2020 21:03

Tgt Ion: 65 Resp: 171875
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8



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: VD065209.D

Acq: 17 Feb 2020 21:03

Instrument :

MSVOA_D

ClientSampleId :

43ST-ARE

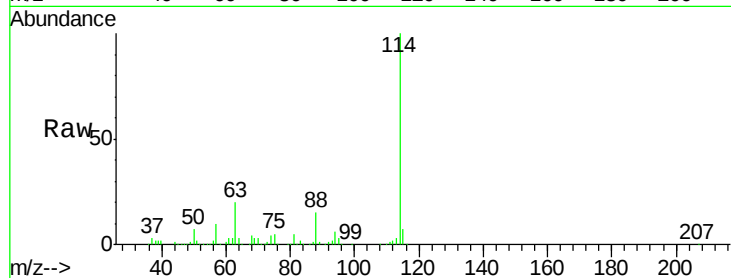
Tot Ion:114 Resp: 483009

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

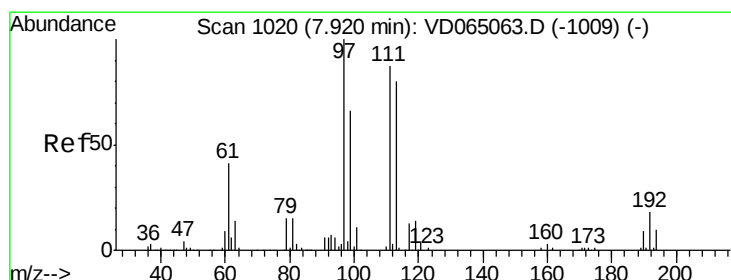
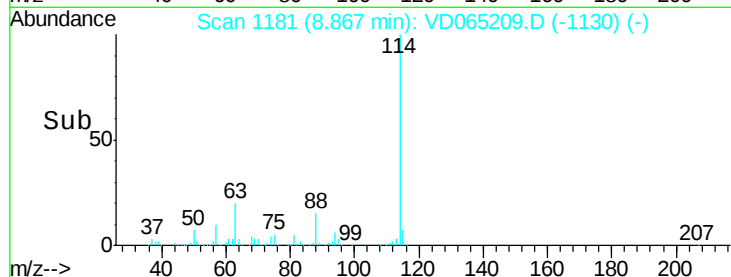
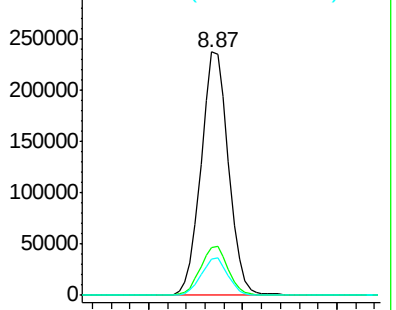
88 15.0 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 39.954 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065209.D

Acq: 17 Feb 2020 21:03

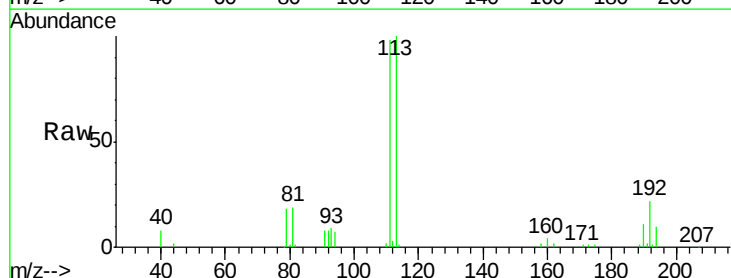
Tgt Ion:113 Resp: 107672

Ion Ratio Lower Upper

113 100

111 102.7 83.1 124.7

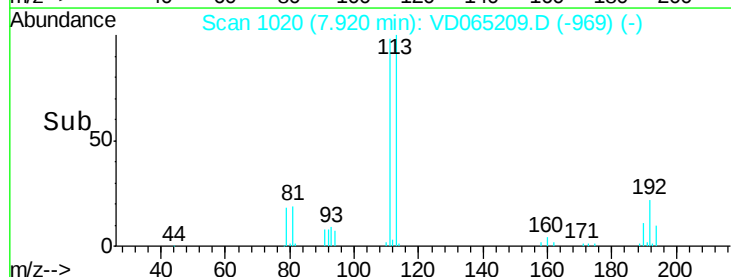
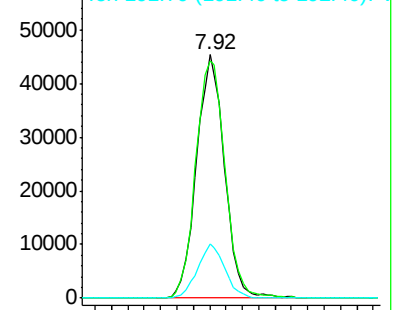
192 21.6 18.1 27.1

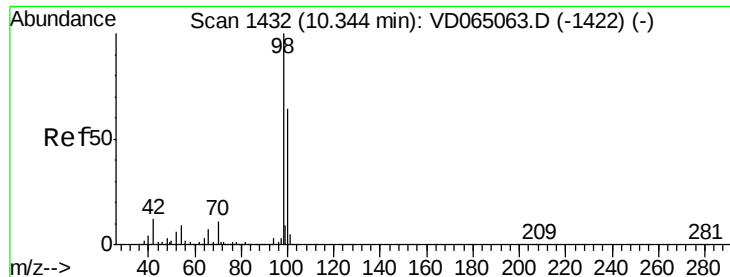


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

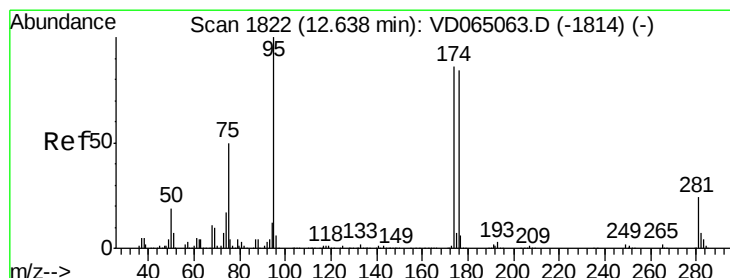
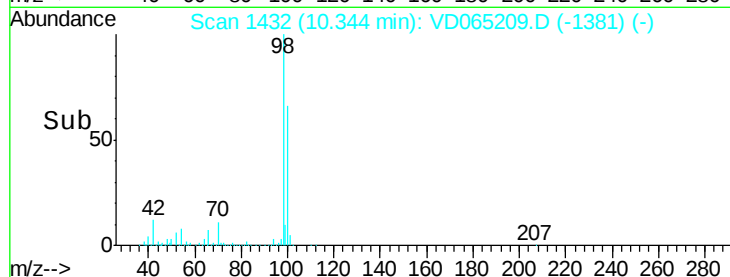
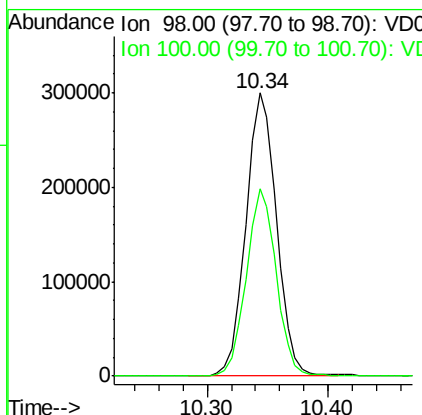
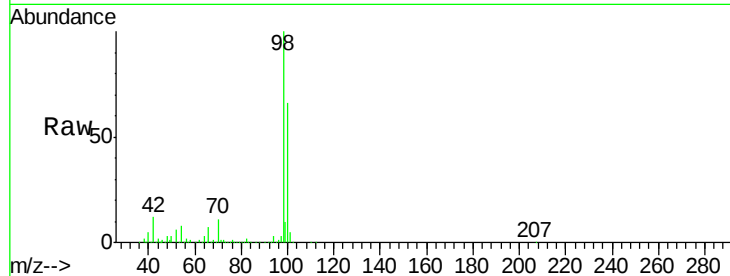




#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065209.D
Acq: 17 Feb 2020 21:03

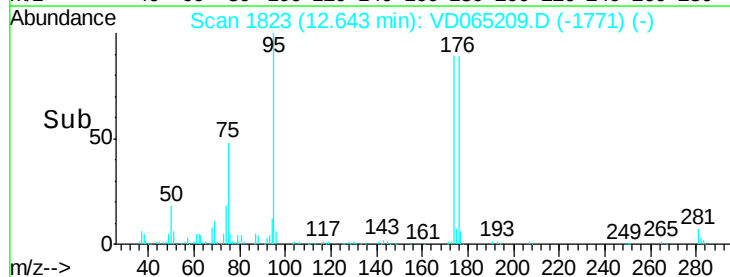
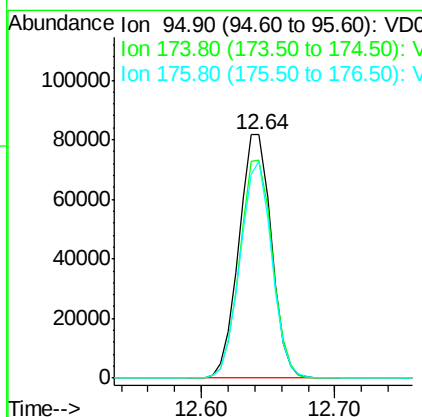
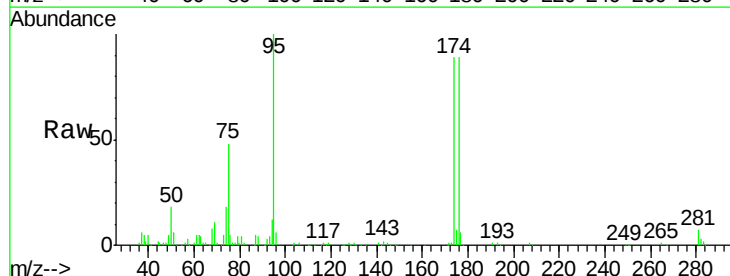
Instrument :
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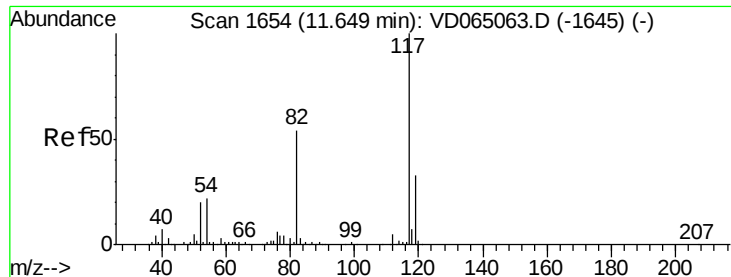
Tot Ion: 98 Resp: 532376
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.636 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065209.D
Acq: 17 Feb 2020 21:03

Tgt Ion: 95 Resp: 138113
Ion Ratio Lower Upper
95 100
174 89.8 0.0 180.0
176 86.2 0.0 173.2

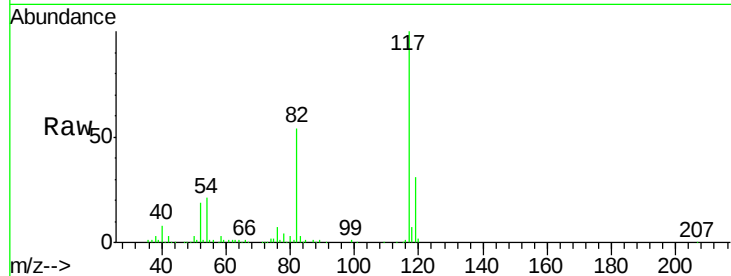




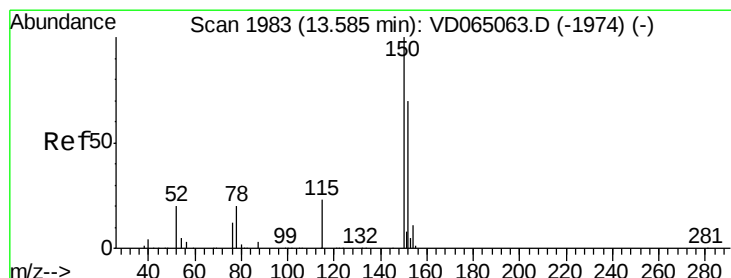
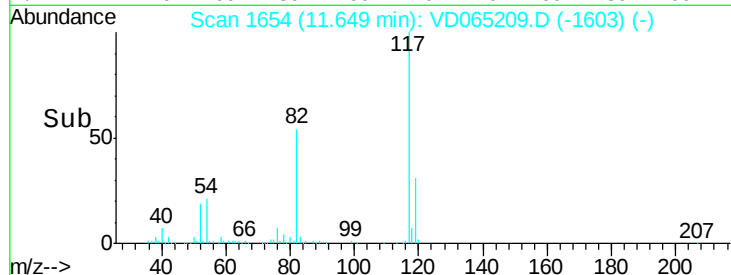
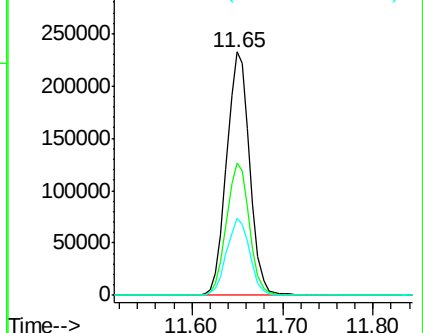
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065209.D
Acq: 17 Feb 2020 21:03

Instrument :
MSVOA_D
ClientSampleId :
43ST-ARE

Tot Ion:117 Resp: 410313
Ion Ratio Lower Upper
117 100
82 54.3 43.1 64.7
119 31.5 26.0 39.0

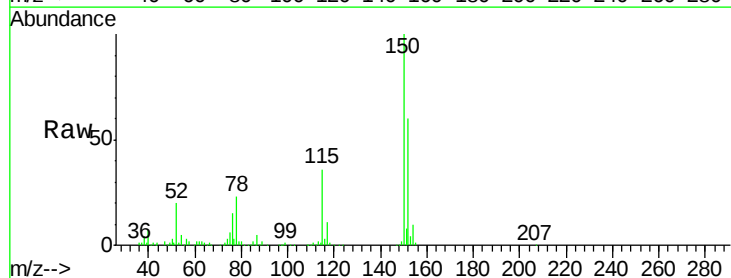


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065209.D
Acq: 17 Feb 2020 21:03

Tgt Ion:152 Resp: 131640
Ion Ratio Lower Upper
152 100
115 55.1 27.5 82.4
150 156.4 0.0 343.2



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

