

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065132.D
 Acq On : 10 Feb 2020 14:50
 Operator : VA/SY
 Sample : L1470-11
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-6A-(DUPLICATE)

Quant Time: Feb 11 08:25:48 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

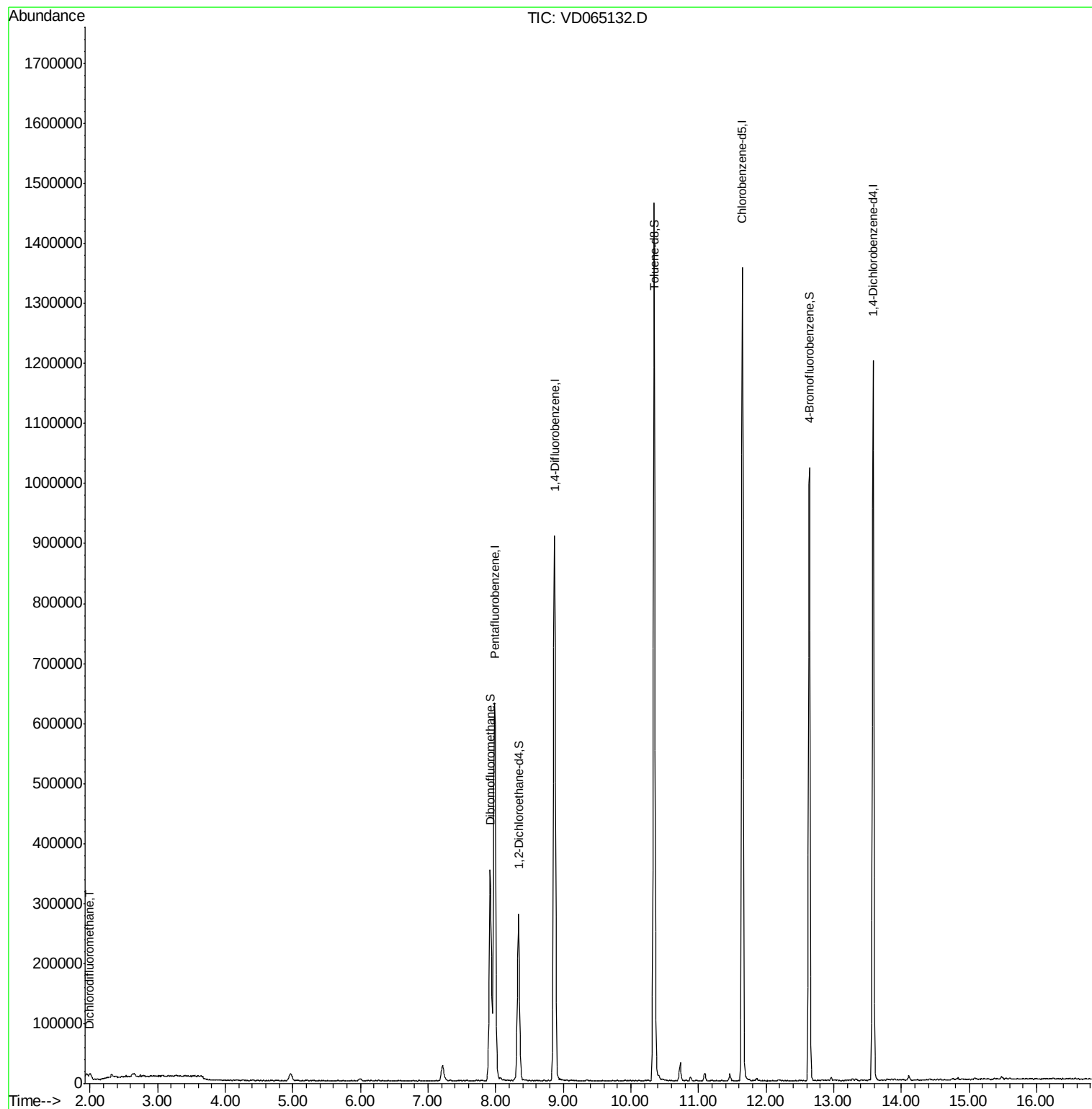
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	497856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	793643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	768490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	219251	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	7.92	113	244145	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
50) Toluene-d8	10.34	98	968063	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
62) 4-Bromofluorobenzene	12.64	95	309835	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	5297	1.279	ug/l	Qvalue 92

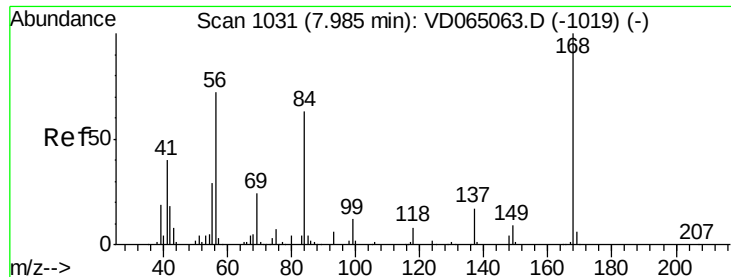
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065132.D

Acq: 10 Feb 2020 14:50

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MSVOA_D

ClientSampleId :

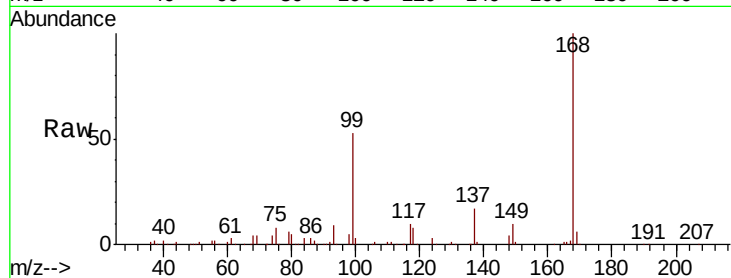
PE-6A-(DUPLICATE)

Tot Ion:168 Resp: 497856

Ion Ratio Lower Upper

168 100

99 52.9 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

250000

200000

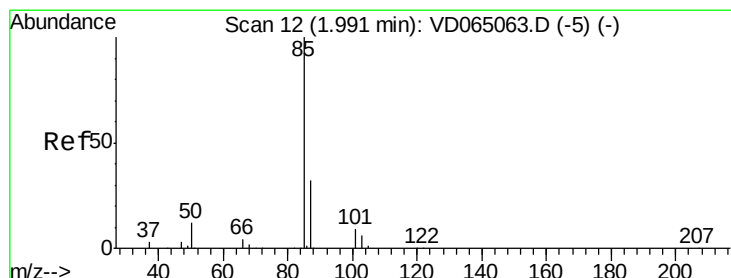
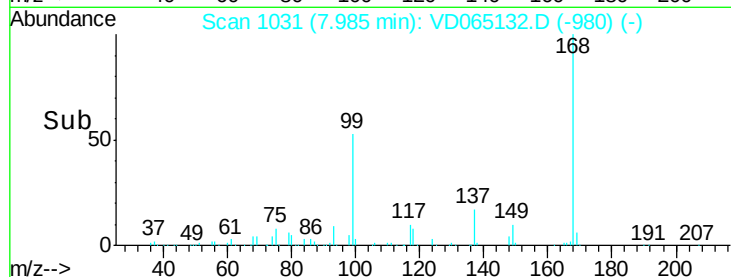
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.279 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065132.D

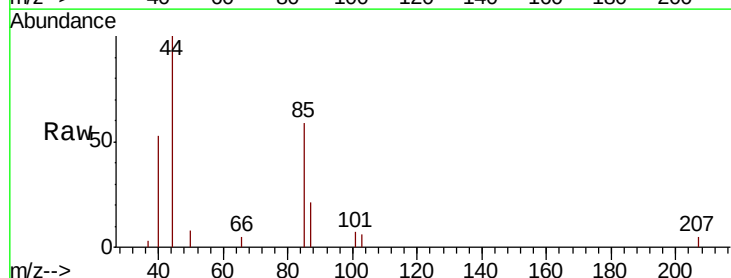
Acq: 10 Feb 2020 14:50

Tgt Ion: 85 Resp: 5297

Ion Ratio Lower Upper

85 100

87 35.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

4000

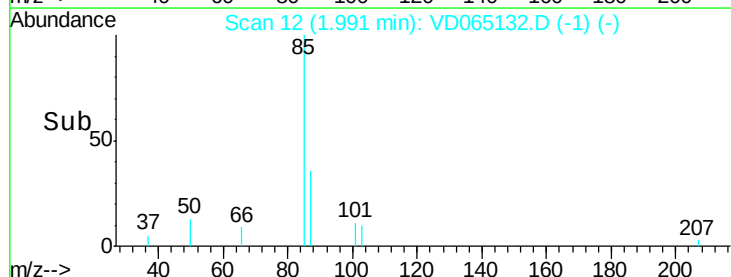
3000

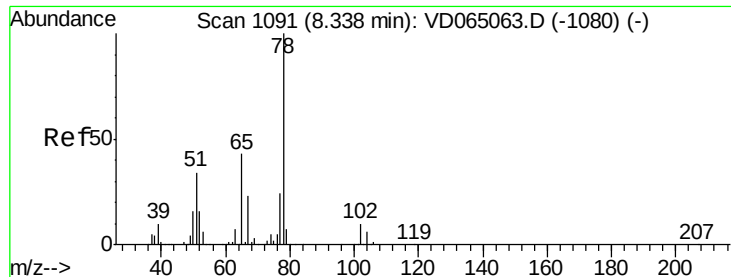
2000

1000

0

Time-->

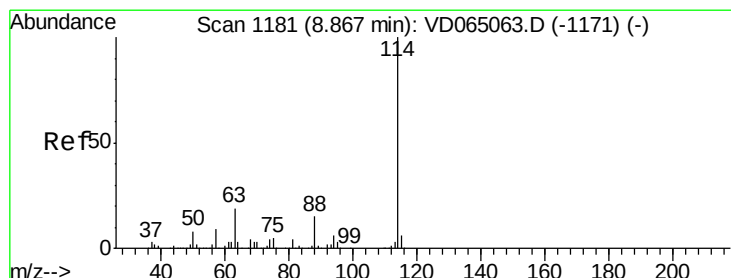
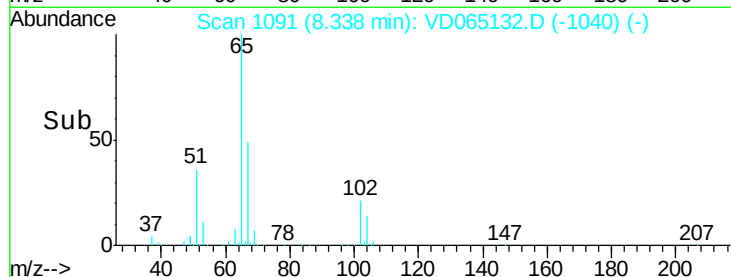
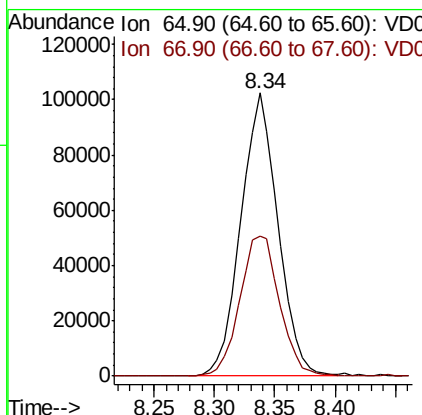
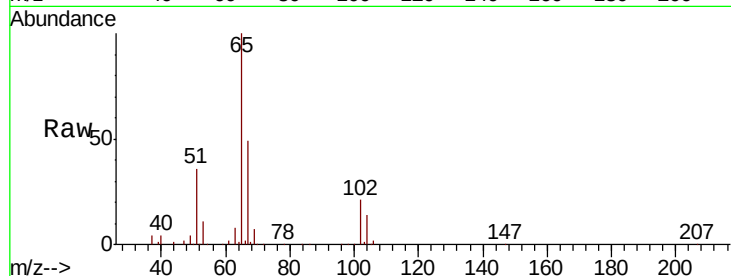




#33
 1,2-Dichloroethane-d4
 Concen: 51.816 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065132.D
 Acq: 10 Feb 2020 14:50

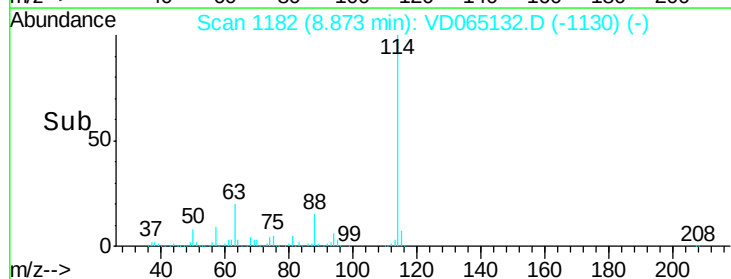
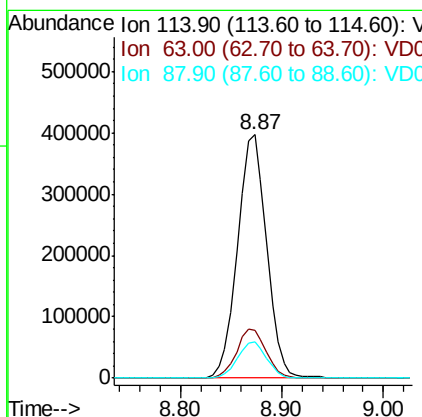
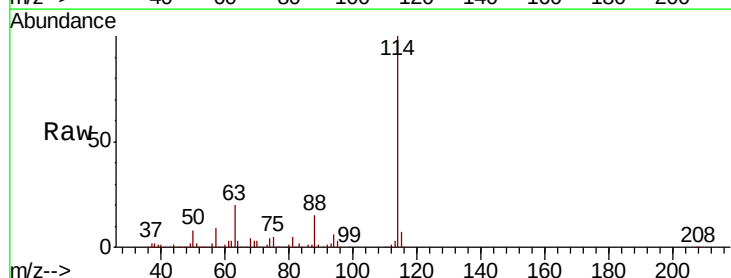
Instrument :
 MSVOA_D
 ClientSampleId :
 PE-6A-(DUPLICATE)

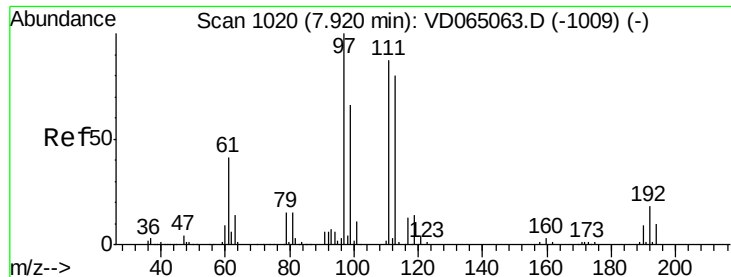
Tot Ion: 65 Resp: 219251
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065132.D
 Acq: 10 Feb 2020 14:50

Tgt Ion: 114 Resp: 793643
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 14.9 0.0 29.6

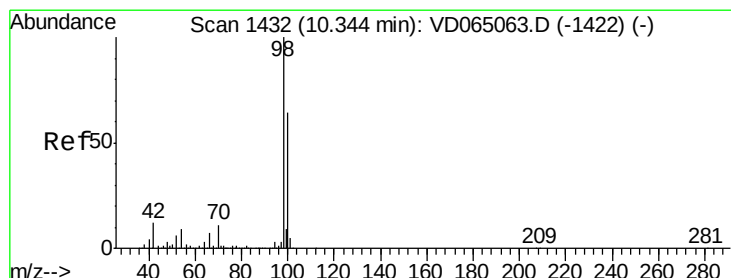
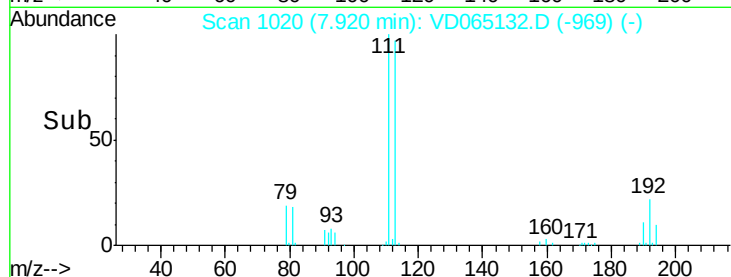
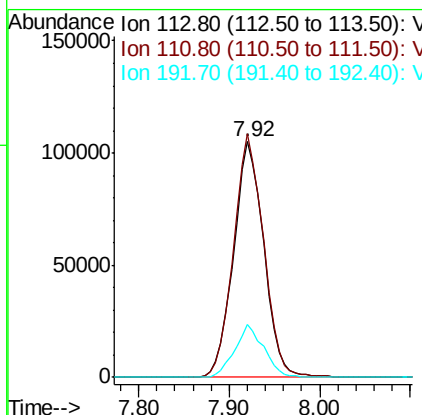
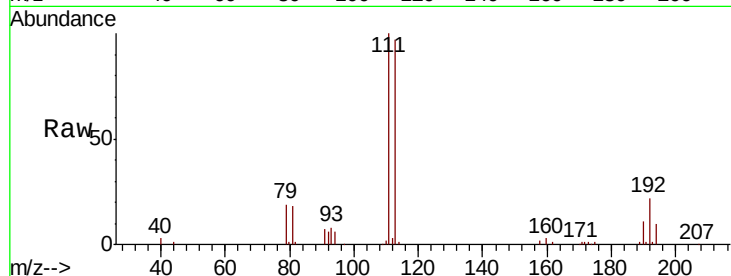




#35
 Dibromofluoromethane
 Concen: 55.136 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065132.D
 Acq: 10 Feb 2020 14:50

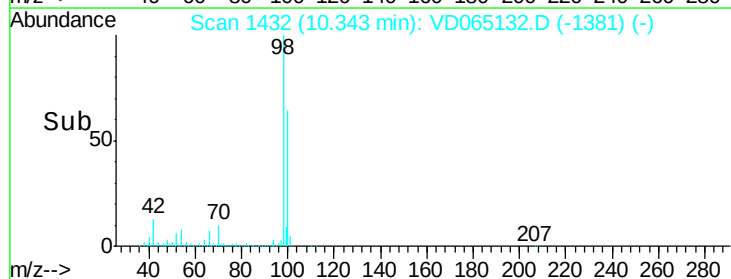
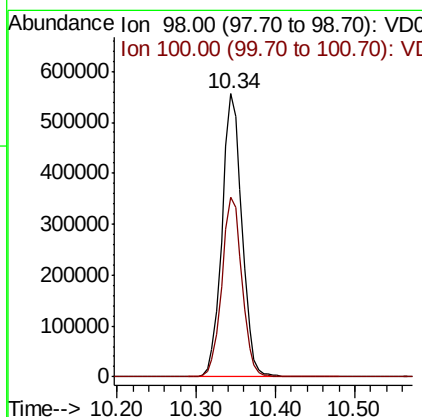
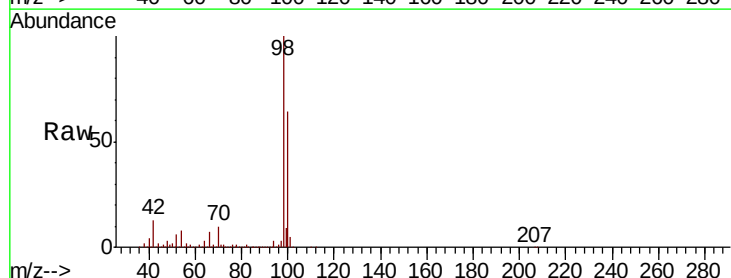
Instrument :
 MSVOA_D
 ClientSampleId :
 PE-6A-(DUPLICATE)

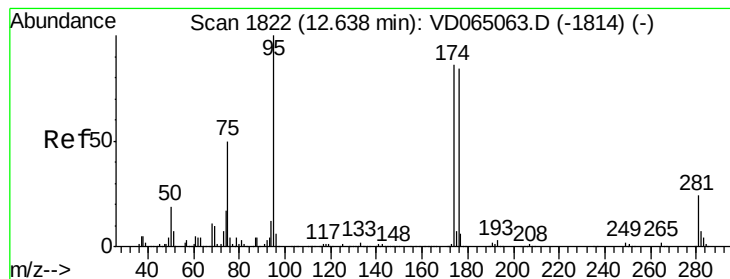
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.1	124.7
192	21.4	18.1	27.1



#50
 Toluene-d8
 Concen: 54.926 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065132.D
 Acq: 10 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 55.480 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065132.D

Acq: 10 Feb 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

PE-6A-(DUPLICATE)

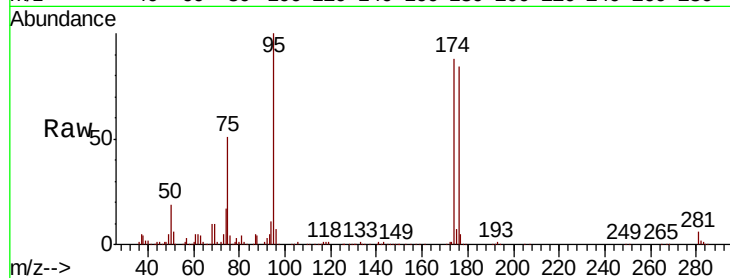
Tot Ion: 95 Resp: 309835

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.0

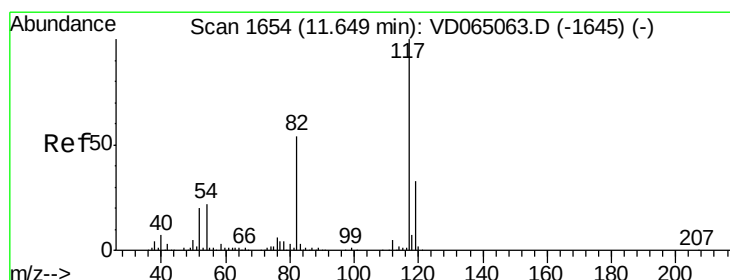
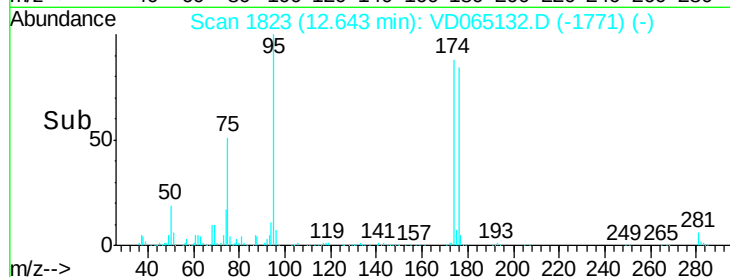
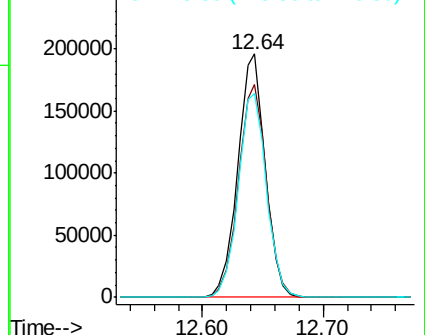
176 86.1 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD065132.D

Acq: 10 Feb 2020 14:50

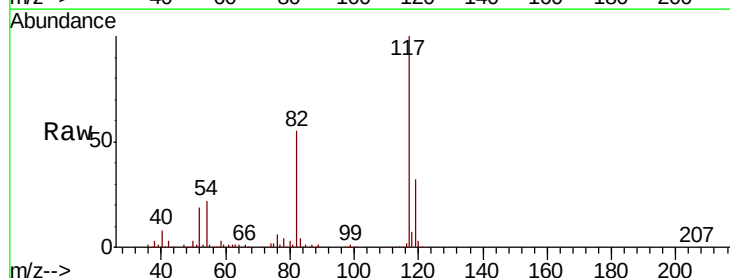
Tgt Ion: 117 Resp: 768490

Ion Ratio Lower Upper

117 100

82 54.7 43.1 64.7

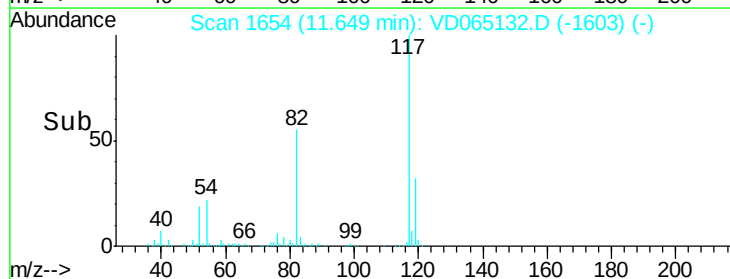
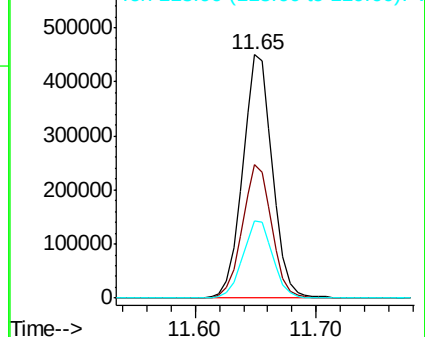
119 31.7 26.0 39.0

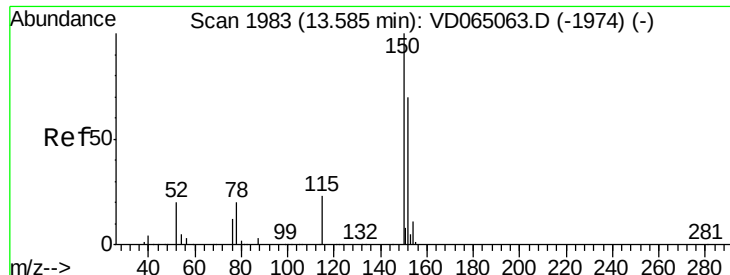


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065132.D

Acq: 10 Feb 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

PE-6A-(DUPLICATE)

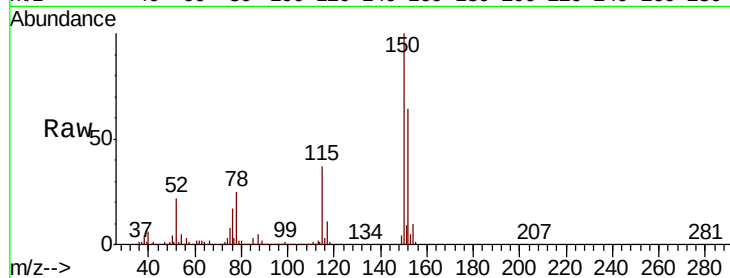
Tot Ion:152 Resp: 310605

Ion Ratio Lower Upper

152 100

115 56.8 27.5 82.4

150 157.8 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

