

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065711.D
 Acq On : 07 May 2020 14:19
 Operator : VA/SY
 Sample : L2531-05
 Misc : 6.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15-(1-2)

Quant Time: May 08 07:47:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

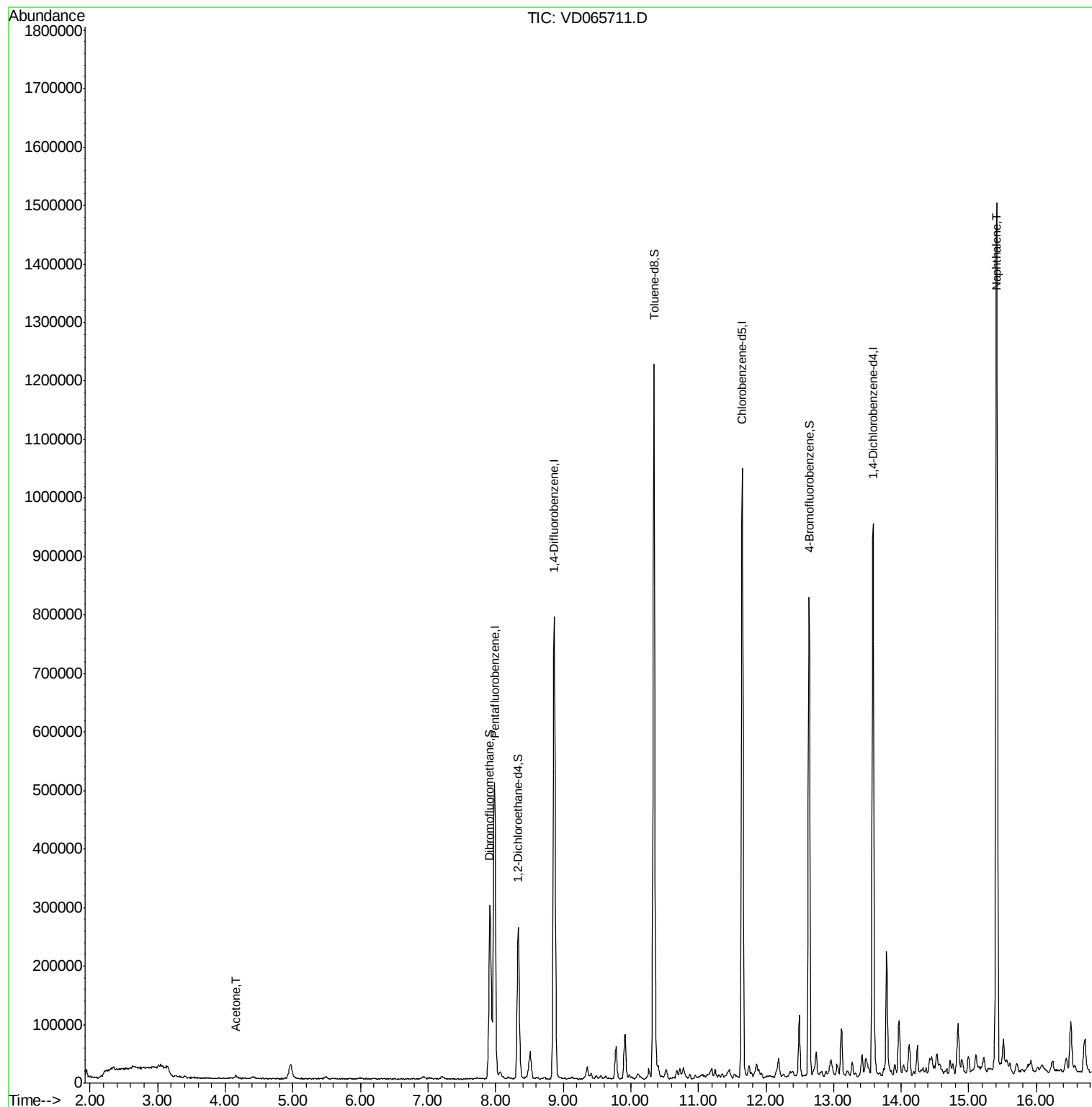
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	413509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	681377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	197785	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
35) Dibromofluoromethane	7.91	113	214616	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	10.34	98	808406	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.64	95	262670	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
Target Compounds						
16) Acetone	4.17	43	8891	10.054	ug/l	98
95) Naphthalene	15.41	128	1333577	137.481	ug/l	99

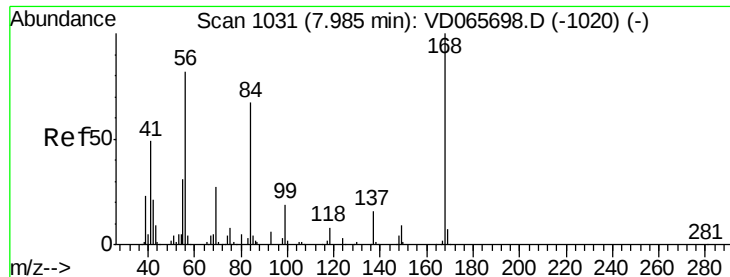
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 17:01:16 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065711.D

Acq: 07 May 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

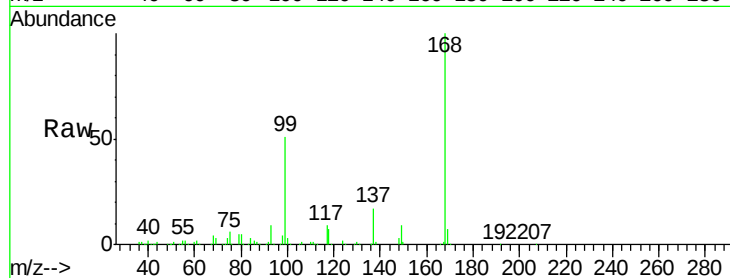
TP-15-(1-2)

Tot Ion:168 Resp: 413509

Ion Ratio Lower Upper

168 100

99 51.2 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

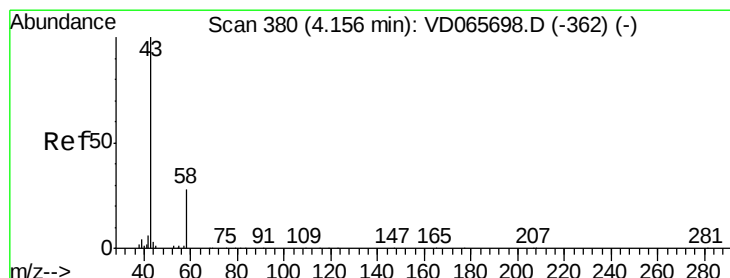
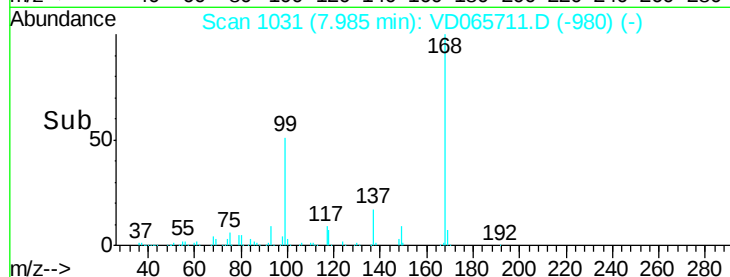
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.054 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065711.D

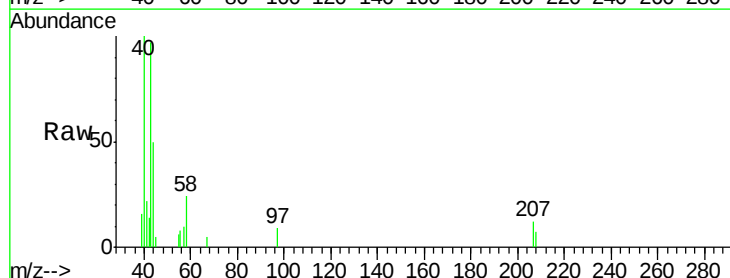
Acq: 07 May 2020 14:19

Tgt Ion: 43 Resp: 8891

Ion Ratio Lower Upper

43 100

58 27.2 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

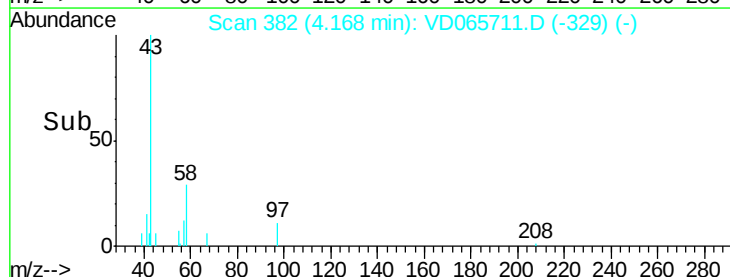
3000

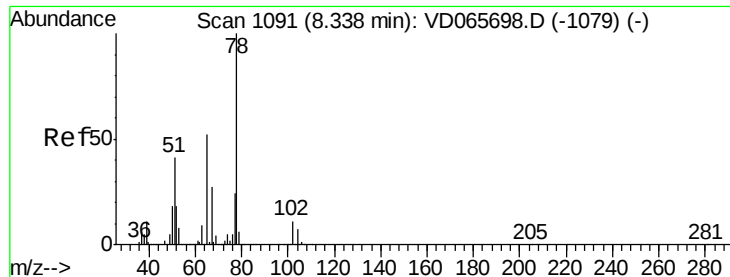
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.751 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065711.D

Acq: 07 May 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

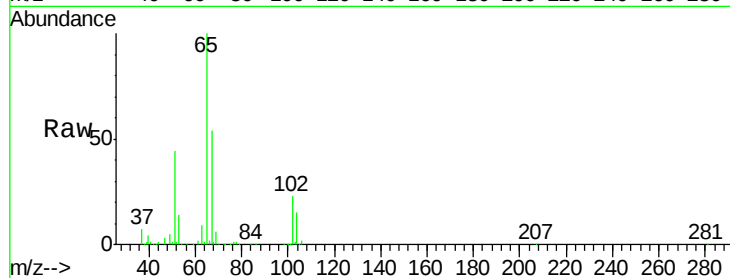
TP-15-(1-2)

Tot Ion: 65 Resp: 197785

Ion Ratio Lower Upper

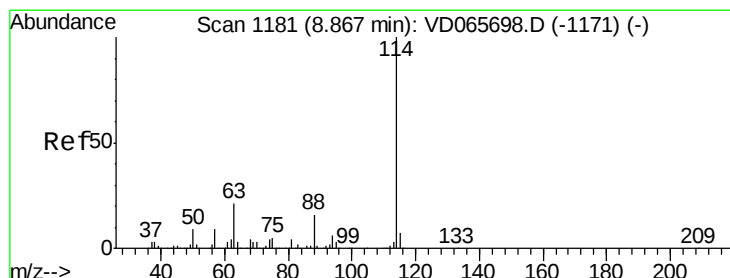
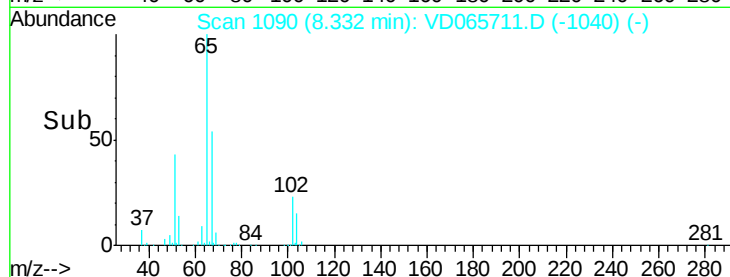
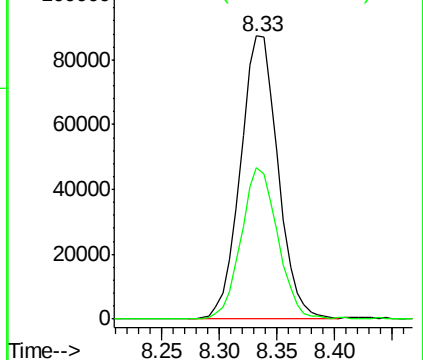
65 100

67 52.3 0.0 103.8



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: VD065711.D

Acq: 07 May 2020 14:19

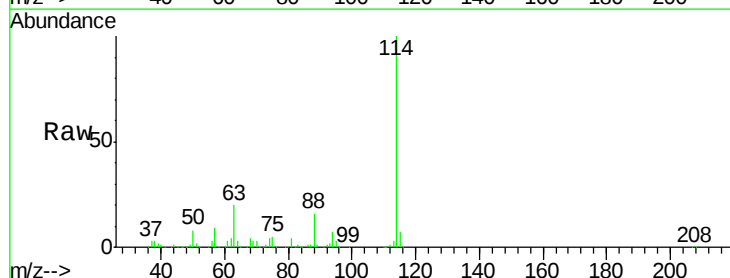
Tgt Ion: 114 Resp: 681377

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

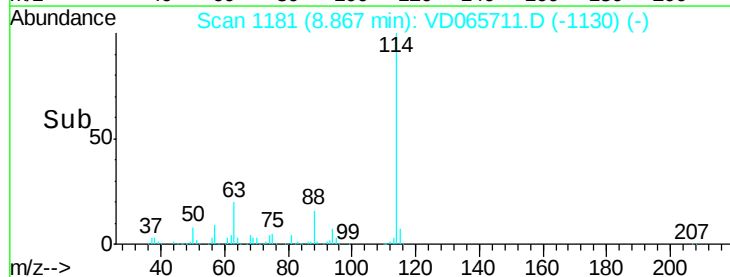
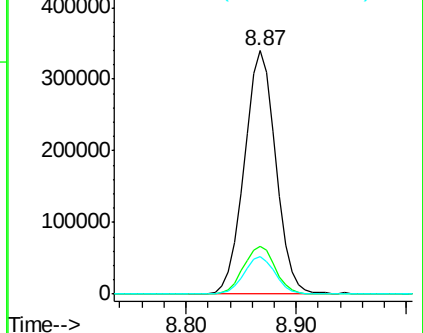
88 15.6 0.0 32.6

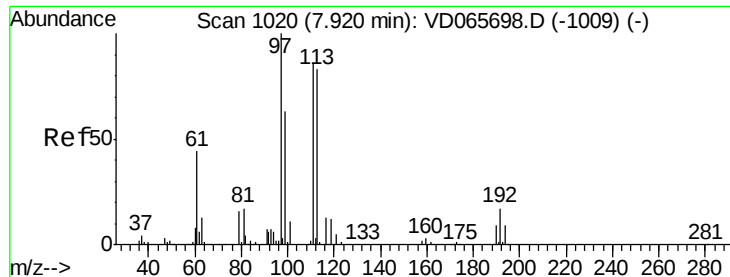


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

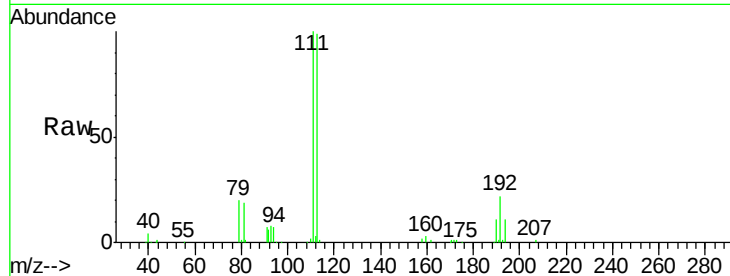




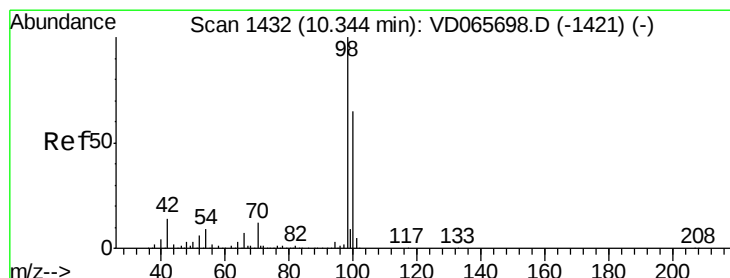
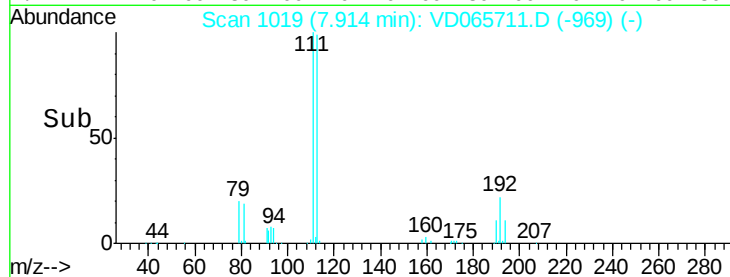
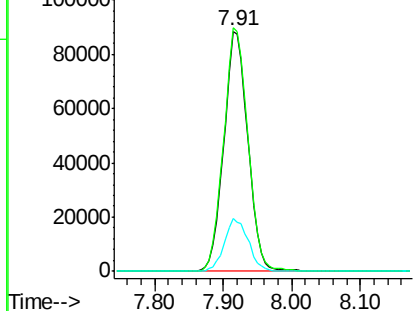
#35
 Dibromofluoromethane
 Concen: 50.397 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065711.D
 Acq: 07 May 2020 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15-(1-2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	21.9	17.0	25.4

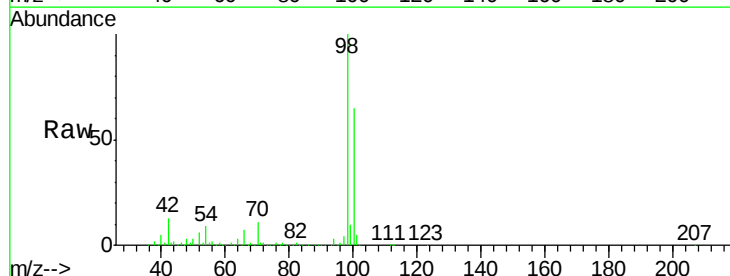


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

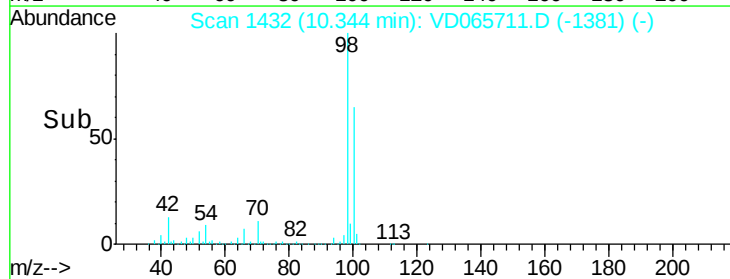
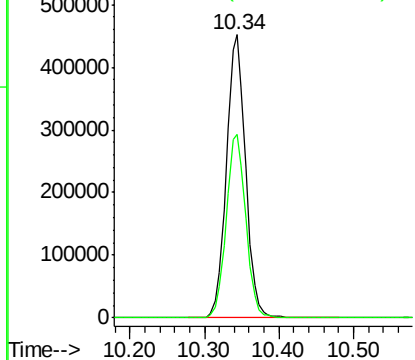


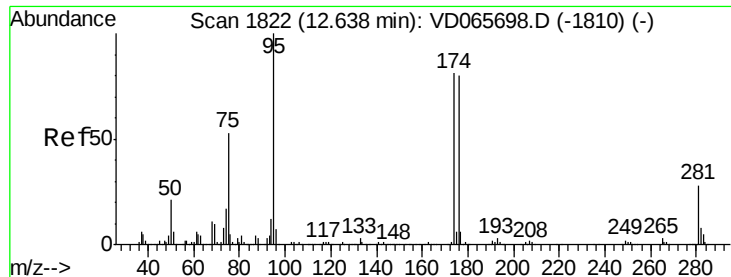
#50
 Toluene-d8
 Concen: 49.432 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065711.D
 Acq: 07 May 2020 14:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

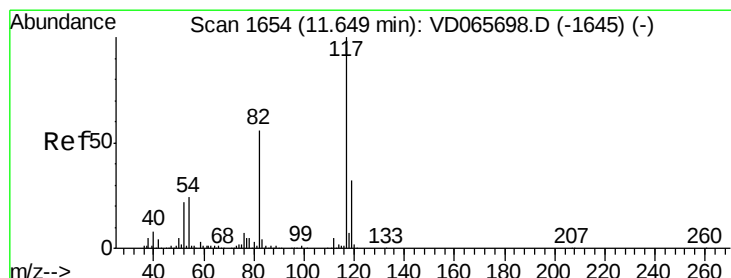
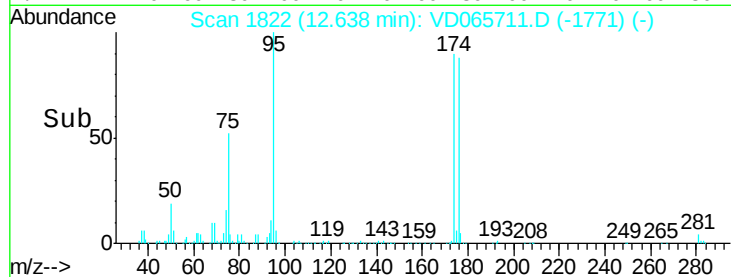
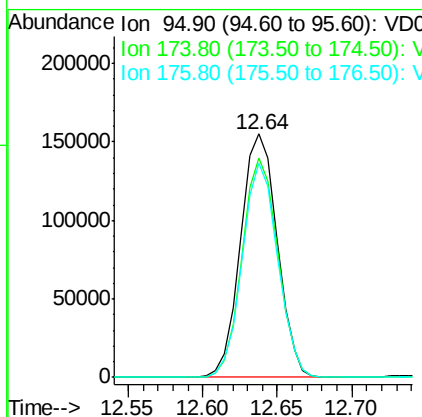
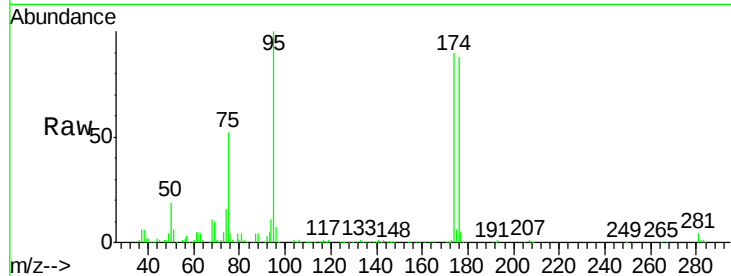




#62
4-Bromofluorobenzene
Concen: 45.307 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065711.D
Acq: 07 May 2020 14:19

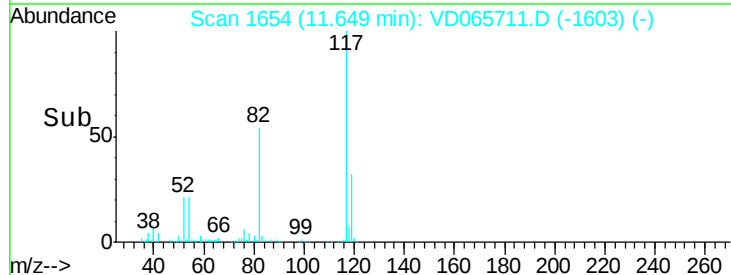
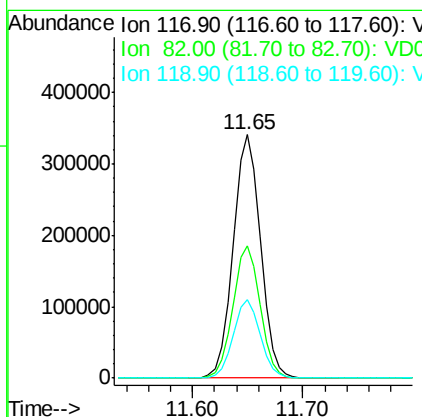
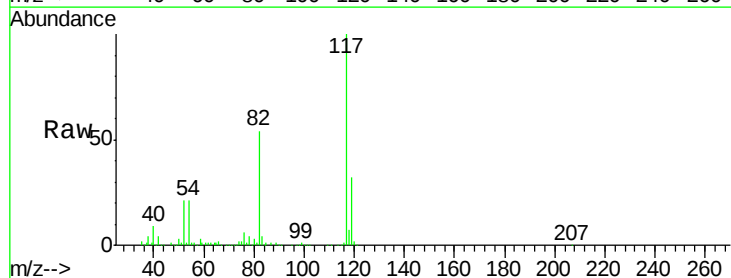
Instrument :
MSVOA_D
ClientSampleId :
TP-15-(1-2)

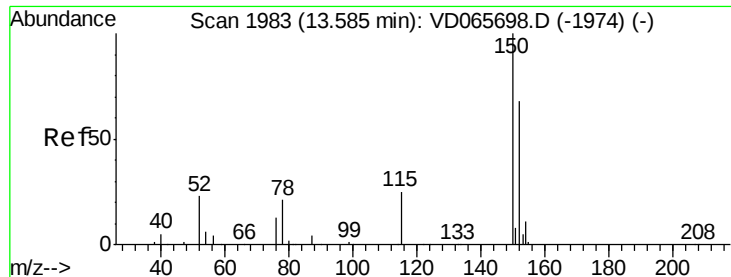
Tot Ion: 95 Resp: 262670
Ion Ratio Lower Upper
95 100
174 88.4 0.0 162.6
176 85.6 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065711.D
Acq: 07 May 2020 14:19

Tgt Ion: 117 Resp: 593307
Ion Ratio Lower Upper
117 100
82 54.1 44.9 67.3
119 32.2 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: VD065711.D

Acq: 07 May 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

TP-15-(1-2)

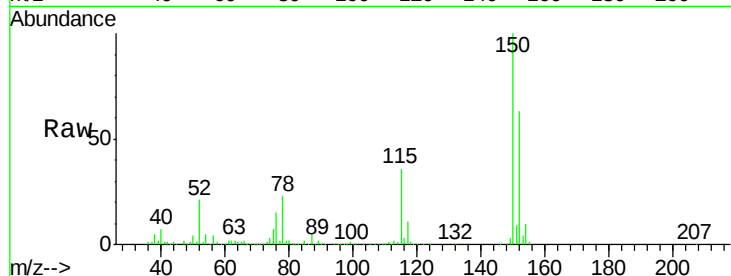
Tot Ion:152 Resp: 261006

Ion Ratio Lower Upper

152 100

115 57.1 29.5 88.5

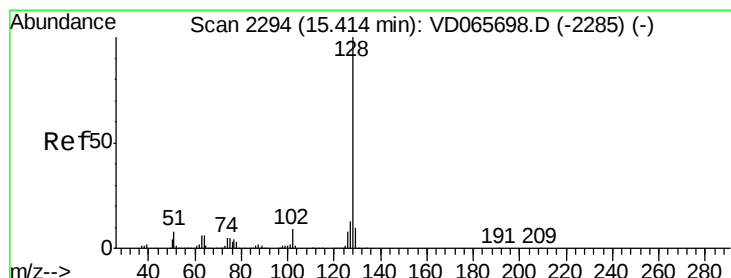
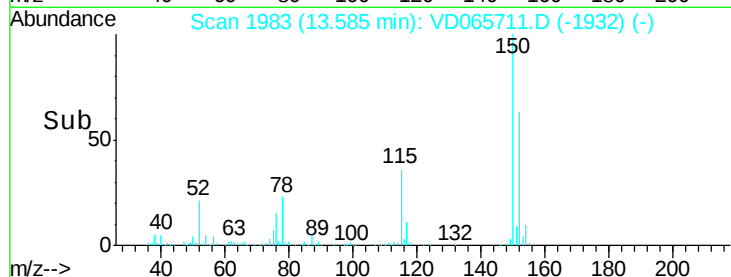
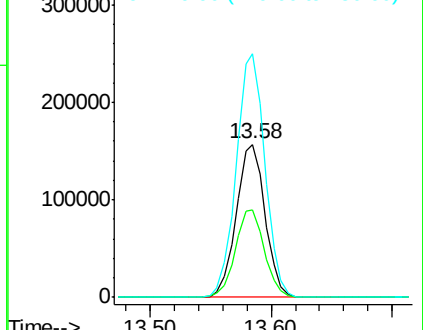
150 158.5 0.0 346.8



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



#95

Naphthalene

Concen: 137.481 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065711.D

Acq: 07 May 2020 14:19

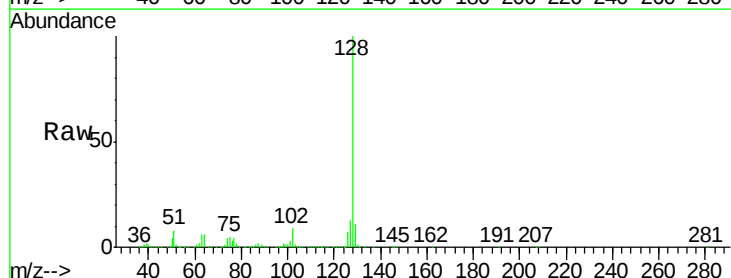
Tgt Ion:128 Resp: 1333577

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

