

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065435.D
 Acq On : 05 Mar 2020 17:06
 Operator : VA/SY
 Sample : L1792-05RE
 Misc : 6.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5RE

Quant Time: Mar 06 04:08:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

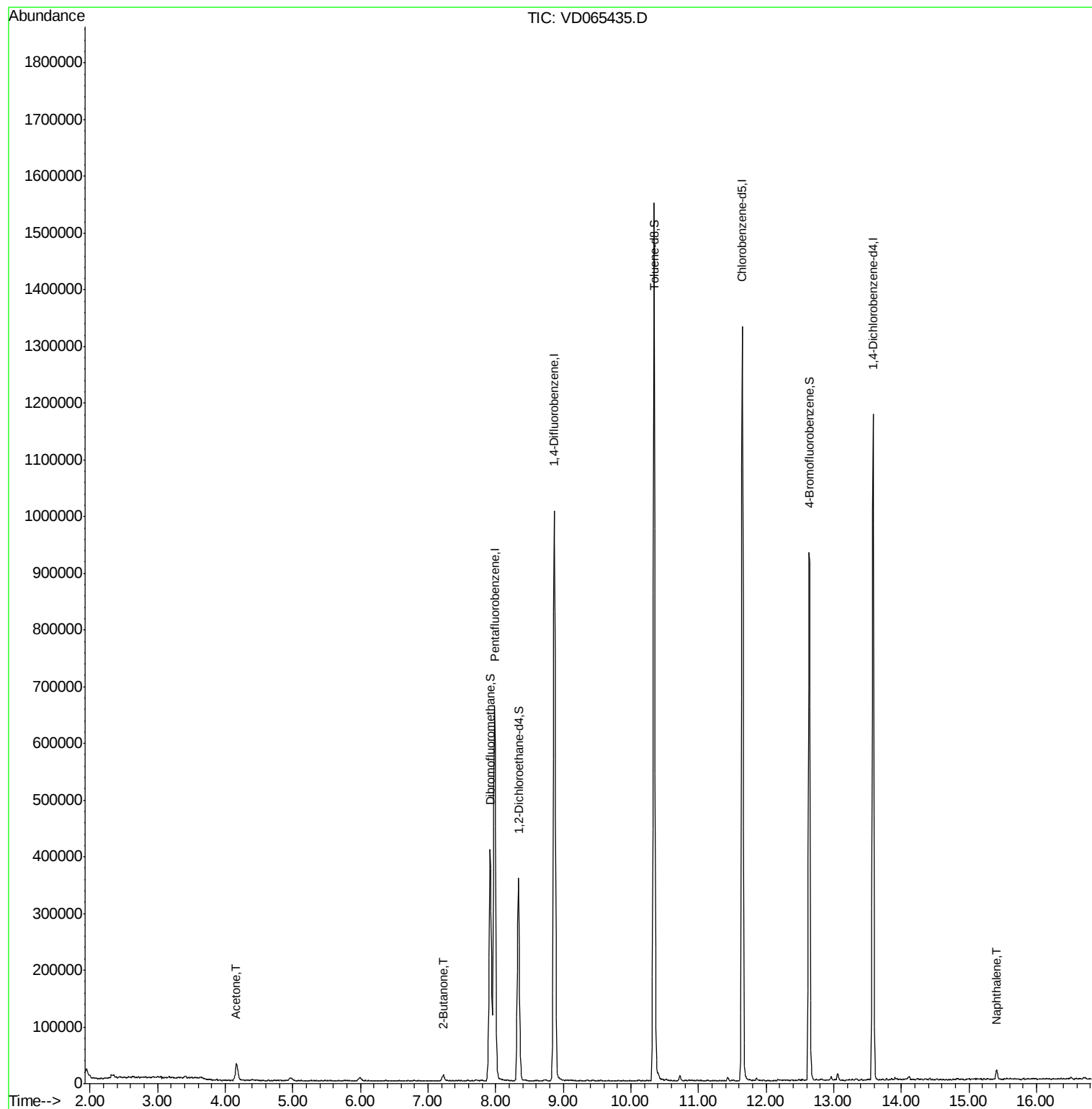
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	523599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	873760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	779325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	324511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	278104	61.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.84%	
35) Dibromofluoromethane	7.92	113	292124	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
50) Toluene-d8	10.34	98	1054393	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.64	95	304957	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
16) Acetone	4.16	43	52310	57.588	ug/l	92
25) 2-Butanone	7.23	43	15826	12.767	ug/l	92
95) Naphthalene	15.41	128	15960	5.796	ug/l	100

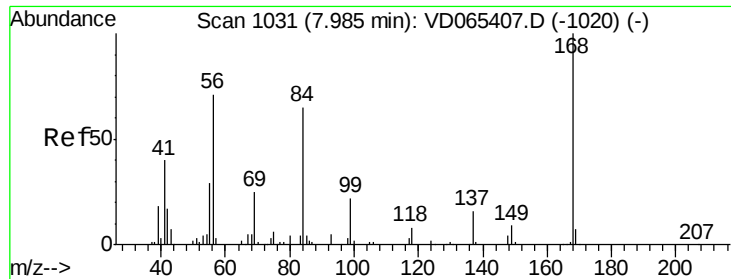
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

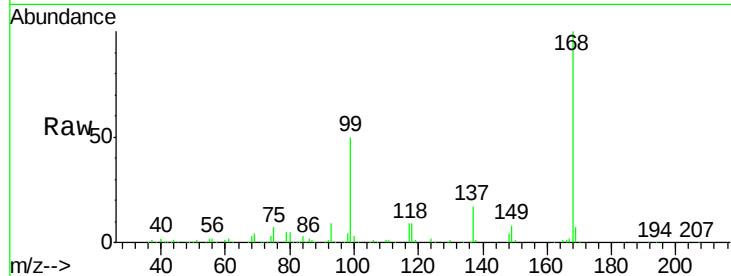
TP-5RE

Tot Ion:168 Resp: 523599

Ion Ratio Lower Upper

168 100

99 50.3 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

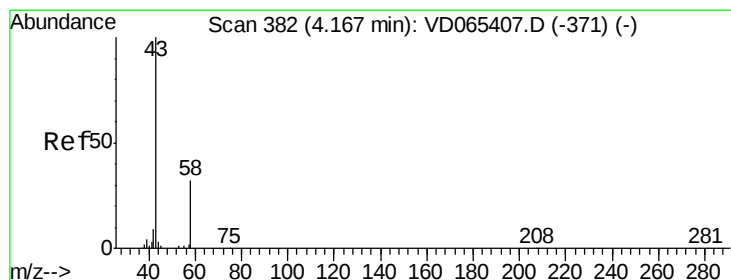
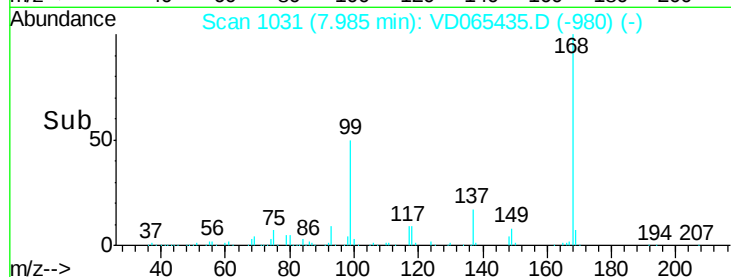
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#16

Acetone

Concen: 57.588 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065435.D

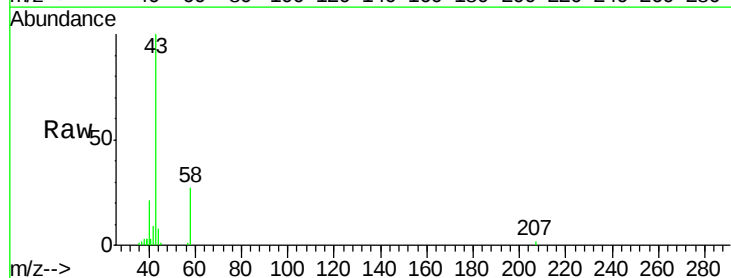
Acq: 05 Mar 2020 17:06

Tgt Ion: 43 Resp: 52310

Ion Ratio Lower Upper

43 100

58 27.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

20000

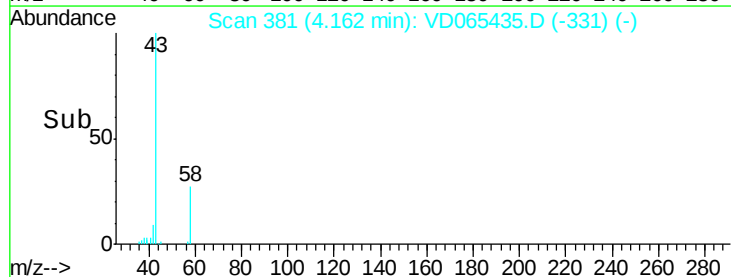
15000

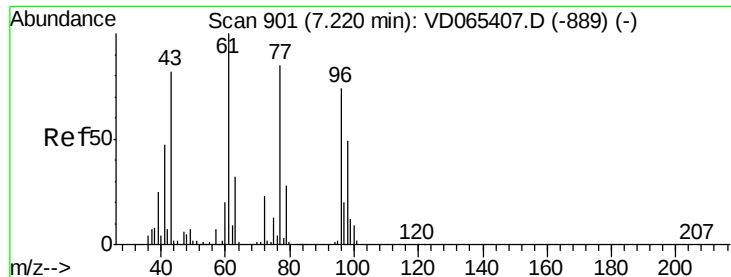
10000

5000

0

Time--> 4.10 4.20 4.30





#25

2-Butanone

Concen: 12.767 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

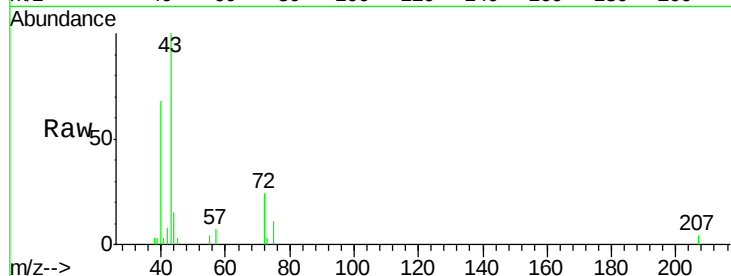
TP-5RE

Tot Ion: 43 Resp: 15826

Ion Ratio Lower Upper

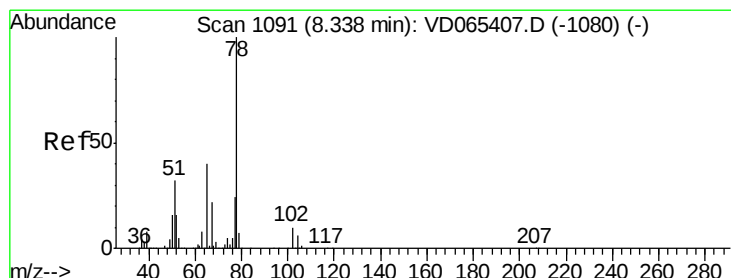
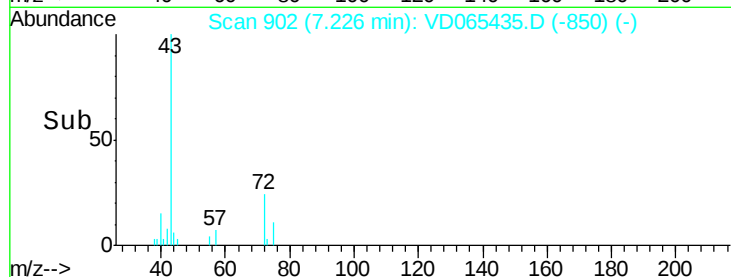
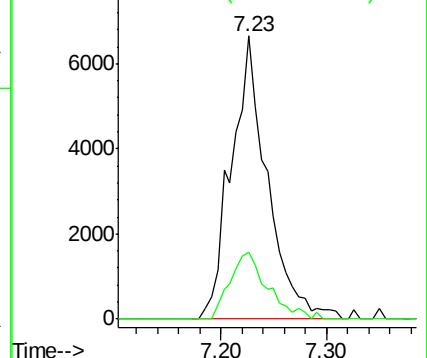
43 100

72 23.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 61.919 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065435.D

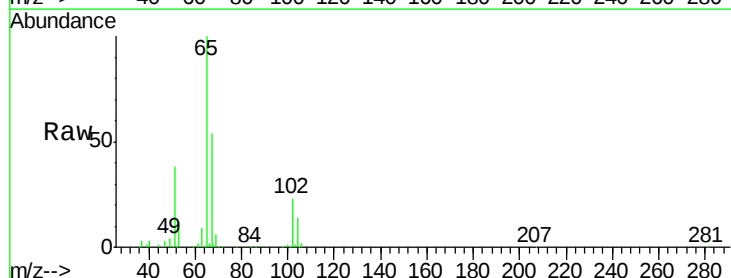
Acq: 05 Mar 2020 17:06

Tgt Ion: 65 Resp: 278104

Ion Ratio Lower Upper

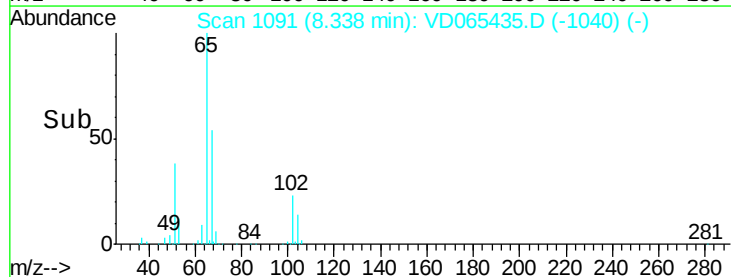
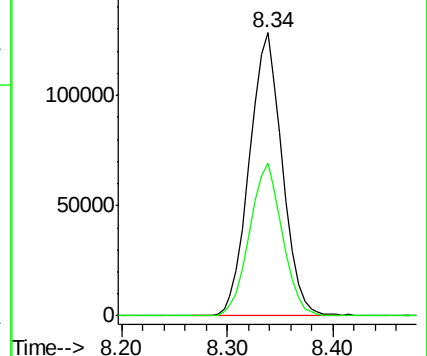
65 100

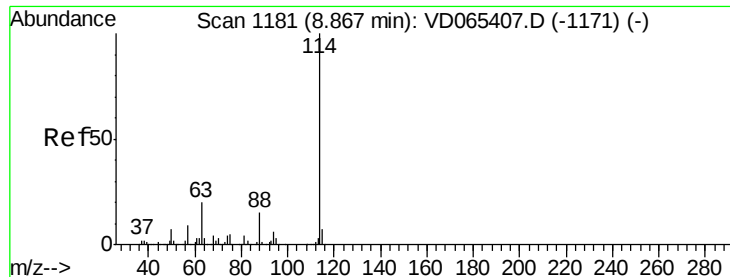
67 54.0 0.0 108.0



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: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

ClientSampled :

TP-5RE

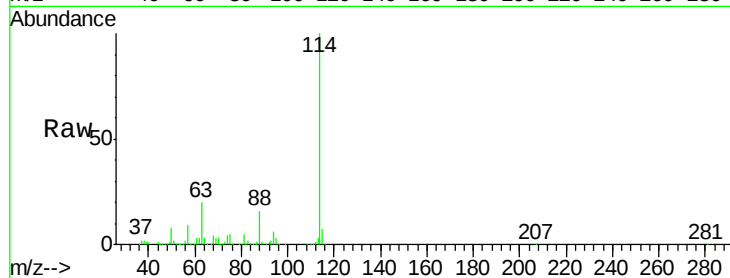
Tot Ion:114 Resp: 873760

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

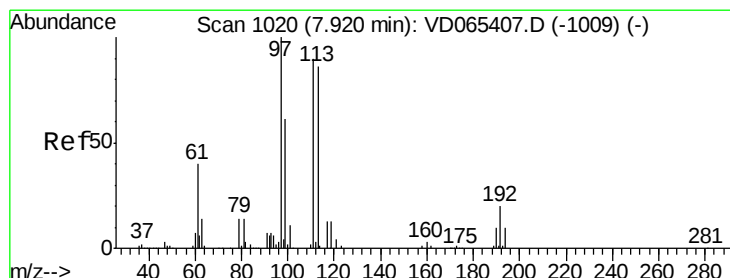
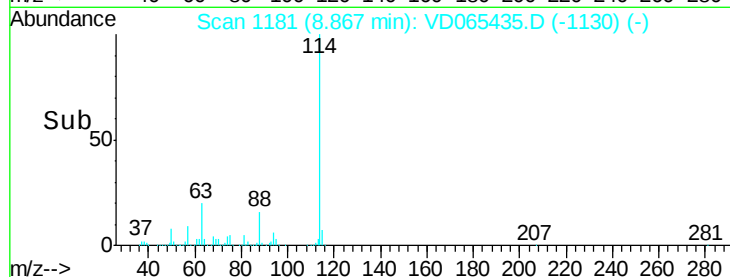
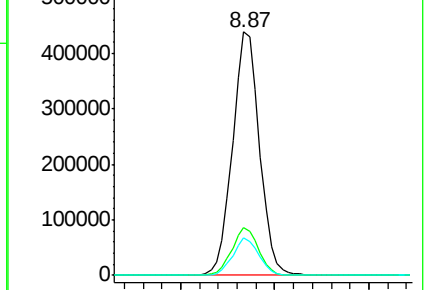
88 15.5 0.0 30.4



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: 54.063 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

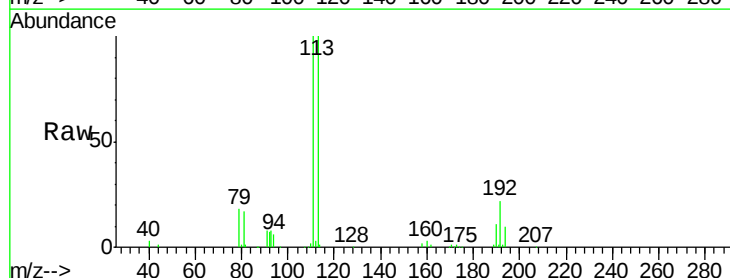
Tgt Ion:113 Resp: 292124

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

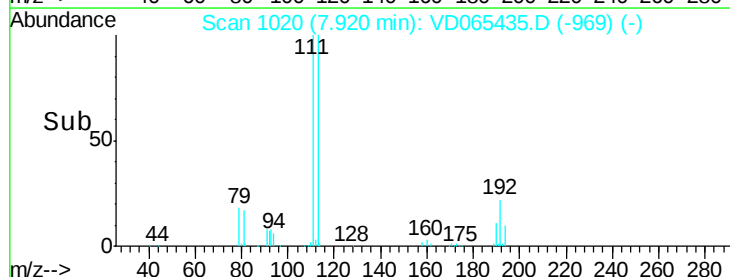
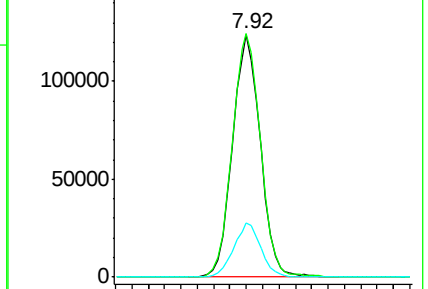
192 21.9 17.2 25.8

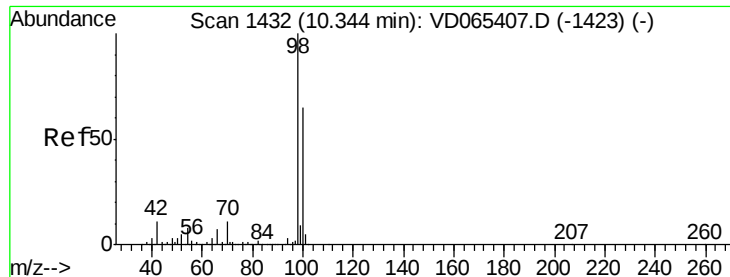


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.865 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

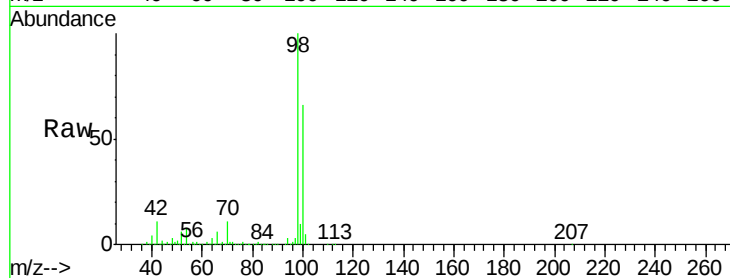
TP-5RE

Tot Ion: 98 Resp: 1054393

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD065407.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065407.D (-1423) (-)

10.34

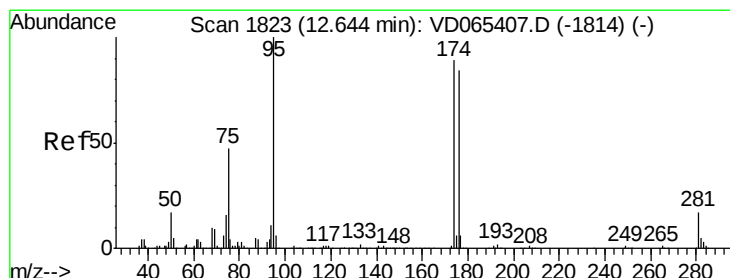
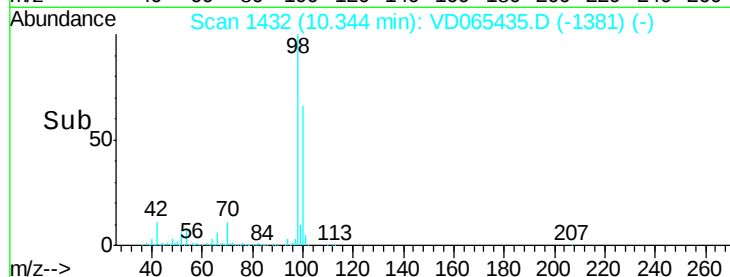
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 47.654 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

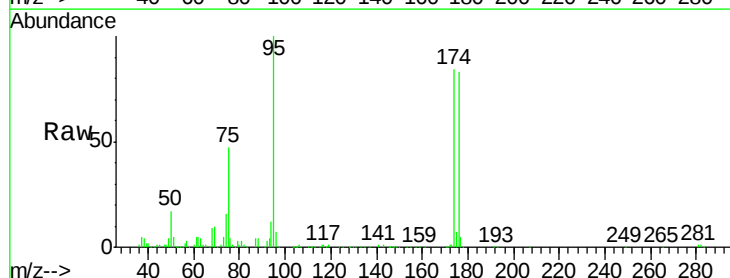
Tgt Ion: 95 Resp: 304957

Ion Ratio Lower Upper

95 100

174 88.7 0.0 176.8

176 86.4 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): VD065407.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065407.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065407.D (-1814) (-)

12.64

250000

200000

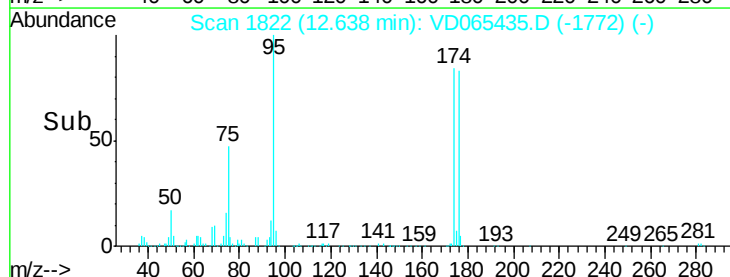
150000

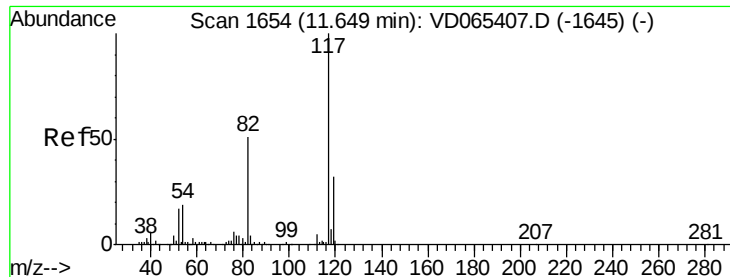
100000

50000

0

Time--> 12.60 12.70

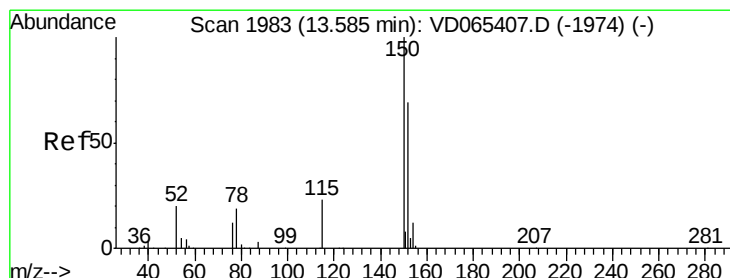
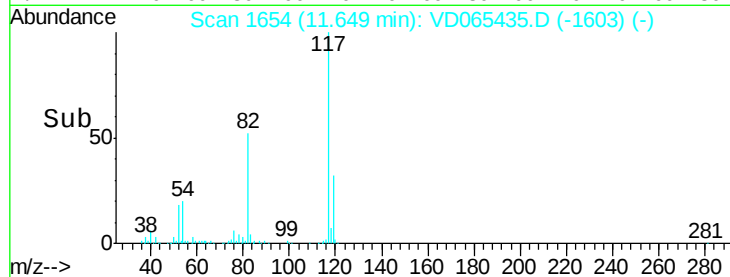
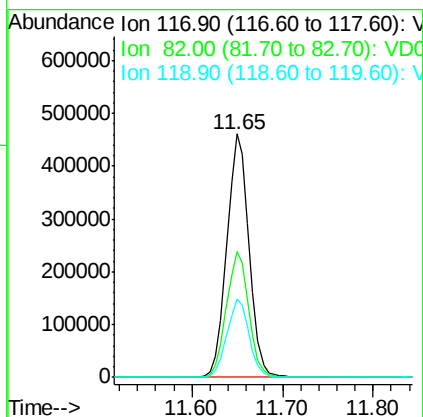
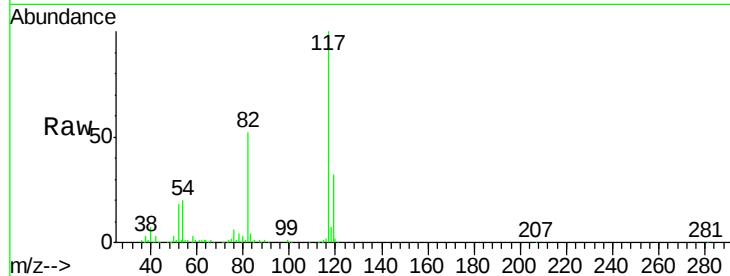




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065435.D
Acq: 05 Mar 2020 17:06

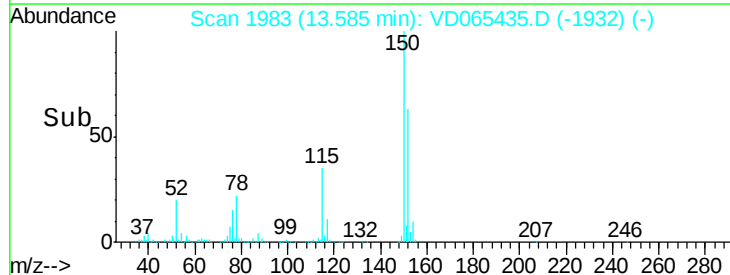
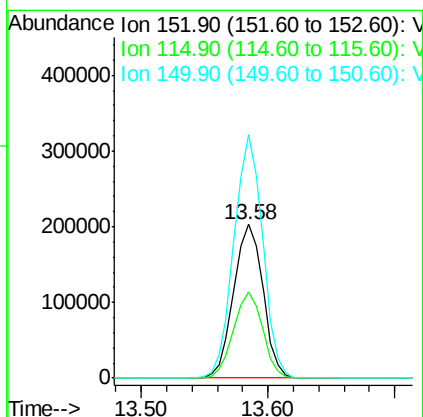
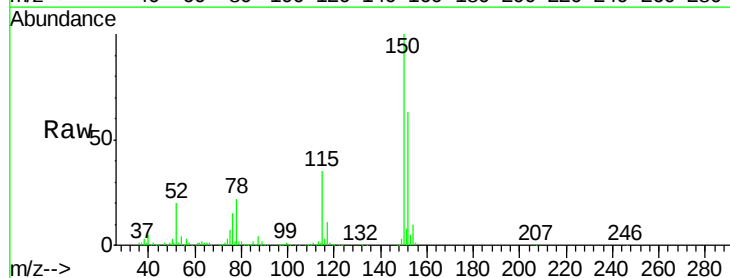
Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

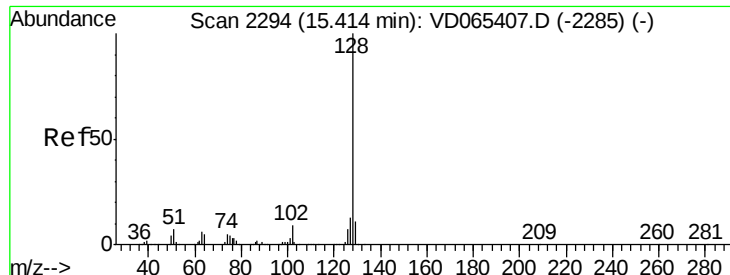
Tot Ion:117 Resp: 779325
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065435.D
Acq: 05 Mar 2020 17:06

Tgt Ion:152 Resp: 324511
Ion Ratio Lower Upper
152 100
115 55.6 27.6 82.8
150 155.2 0.0 345.0





#95

Naphthalene

Concen: 5.796 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065435.D

Acq: 05 Mar 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

TP-5RE

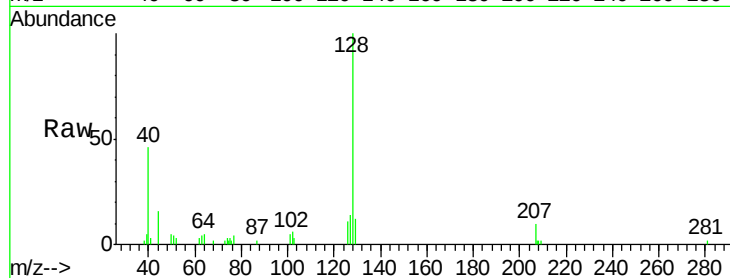
Tot Ion:128 Resp: 15960

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.7 8.7 13.1



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

