

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065431.D
 Acq On : 05 Mar 2020 15:12
 Operator : VA/SY
 Sample : L1792-05
 Misc : 7.31G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Mar 06 04:04:10 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

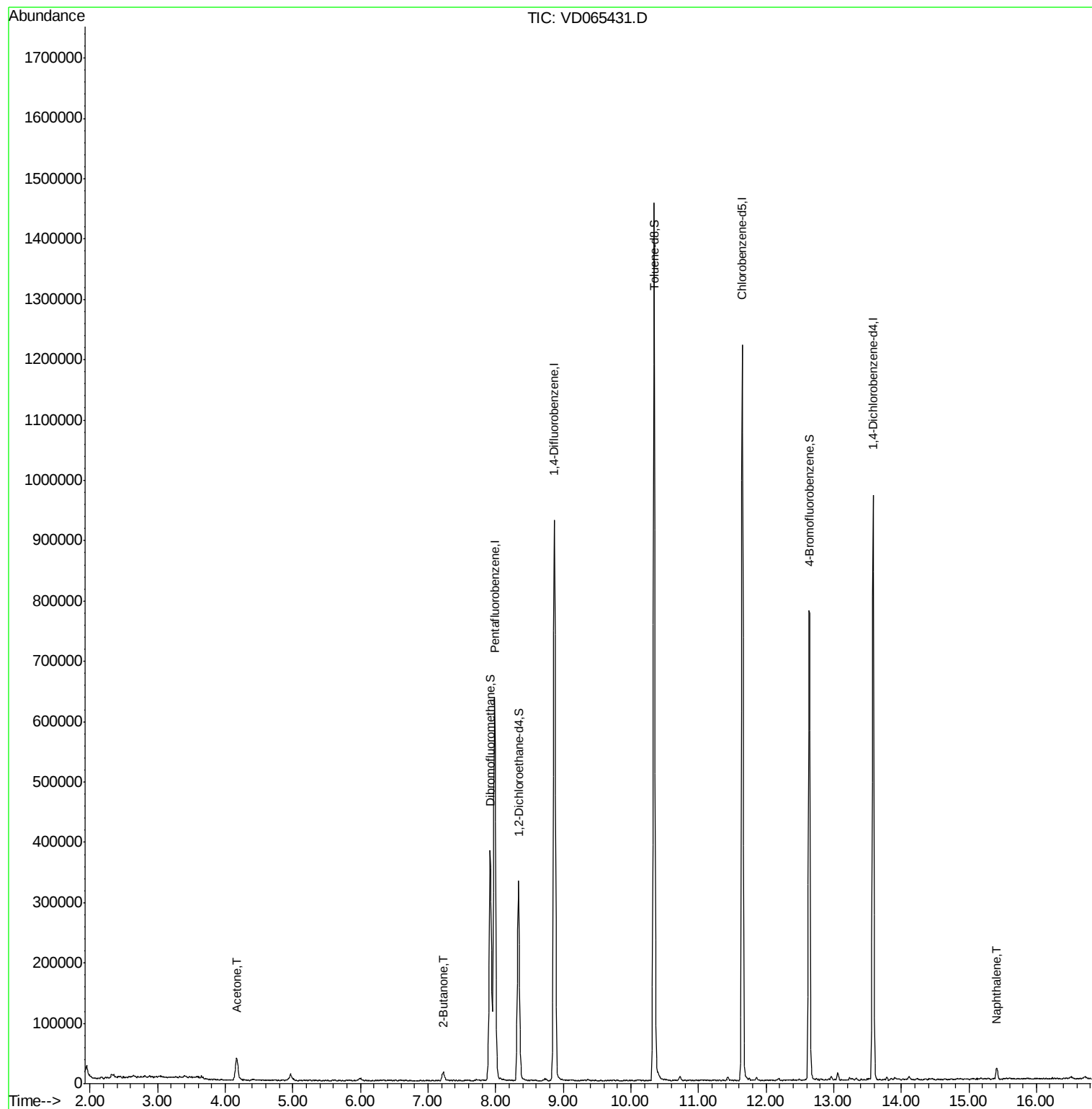
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	483995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	826586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	703525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	268109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	256798	61.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.70%	
35) Dibromofluoromethane	7.92	113	272012	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
50) Toluene-d8	10.34	98	969143	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.64	95	259359	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
Target Compounds						
16) Acetone	4.17	43	66724	79.467	ug/l	97
25) 2-Butanone	7.23	43	21156	18.464	ug/l	99
95) Naphthalene	15.41	128	15718	6.062	ug/l	97

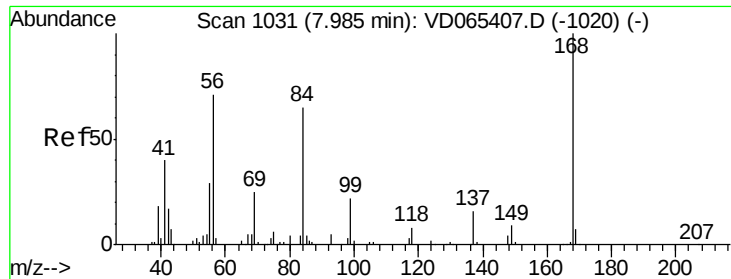
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD065431.D

Acq: 05 Mar 2020 15:12

Instrument :

MSVOA_D

ClientSampleId :

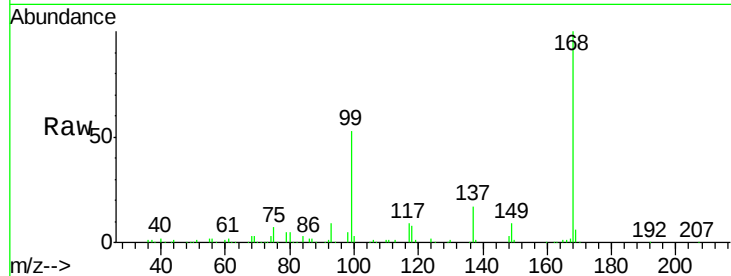
TP-5

Tot Ion:168 Resp: 483995

Ion Ratio Lower Upper

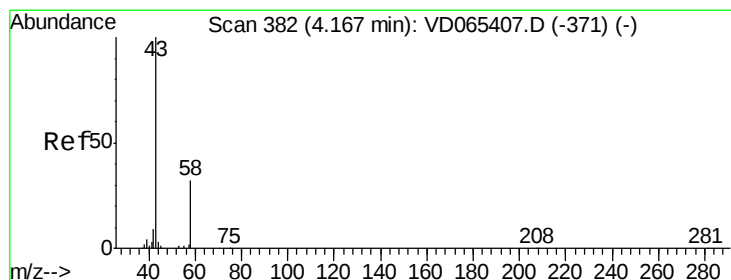
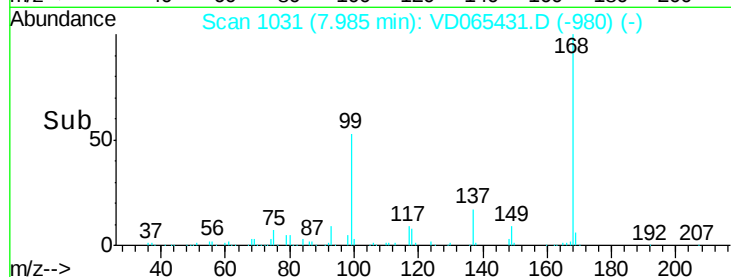
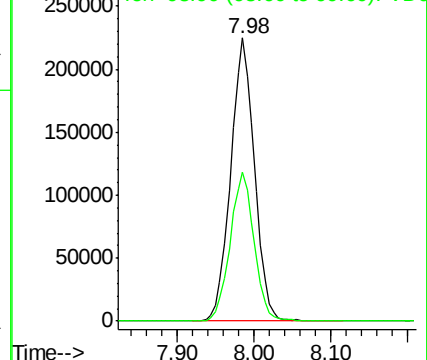
168 100

99 52.8 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 79.467 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065431.D

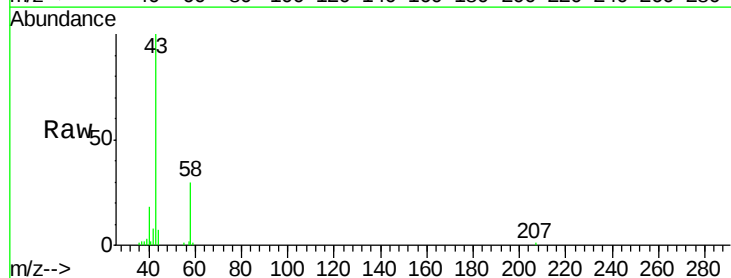
Acq: 05 Mar 2020 15:12

Tgt Ion: 43 Resp: 66724

Ion Ratio Lower Upper

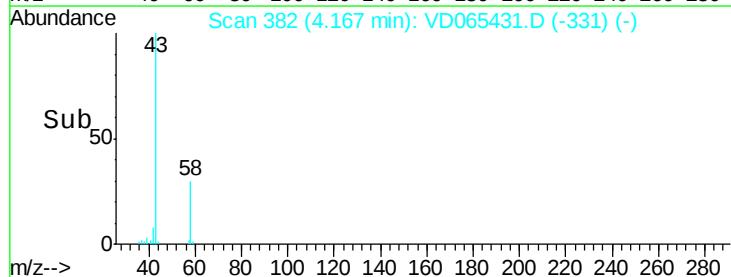
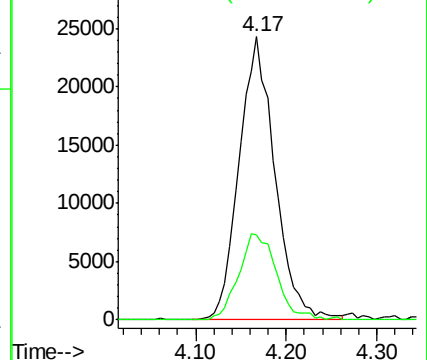
43 100

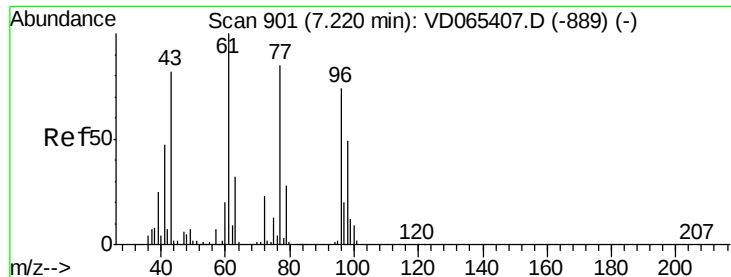
58 30.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 18.464 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065431.D

Acq: 05 Mar 2020 15:12

Instrument :

MSVOA_D

ClientSampled :

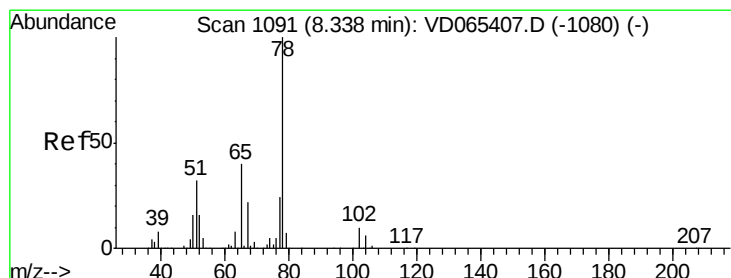
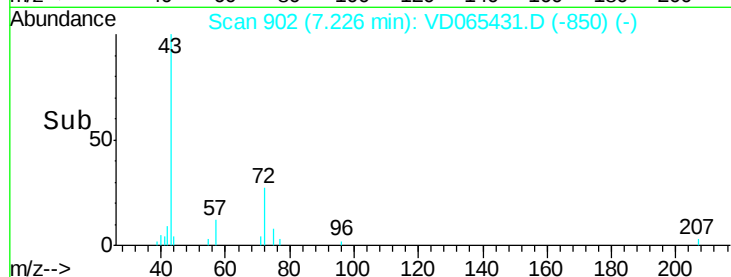
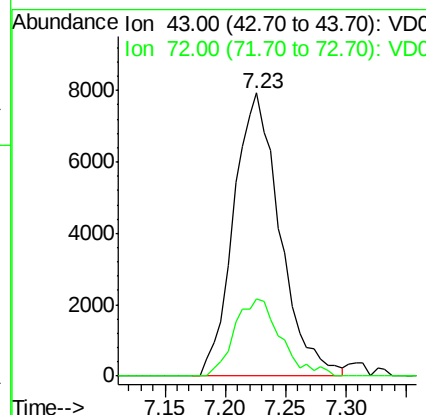
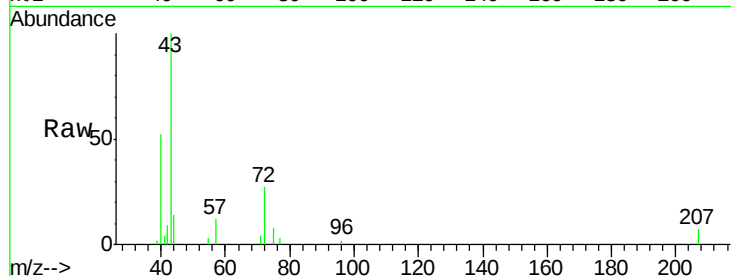
TP-5

Tot Ion: 43 Resp: 21156

Ion Ratio Lower Upper

43 100

72 27.1 22.3 33.5



#33

1,2-Dichloroethane-d4

Concen: 61.854 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065431.D

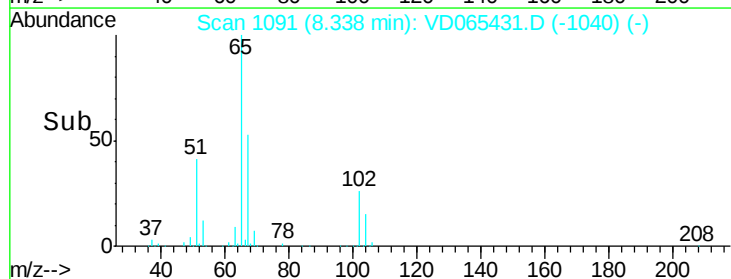
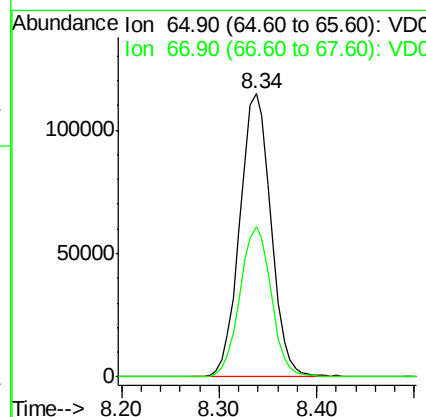
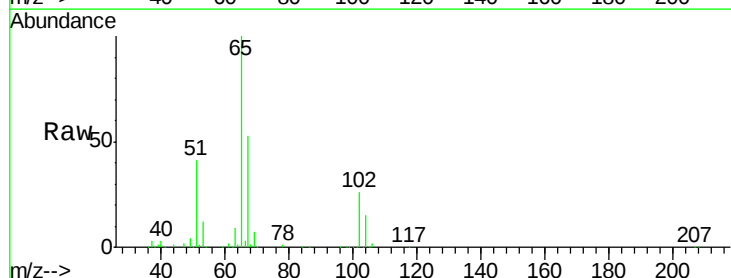
Acq: 05 Mar 2020 15:12

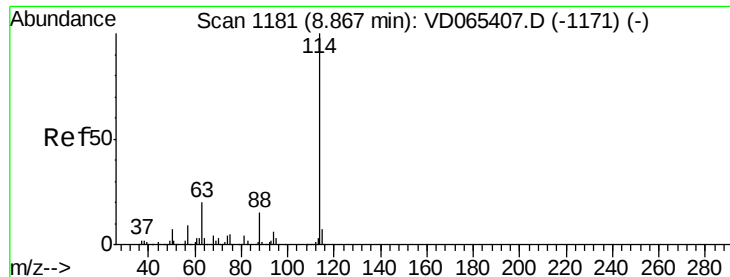
Tgt Ion: 65 Resp: 256798

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.0

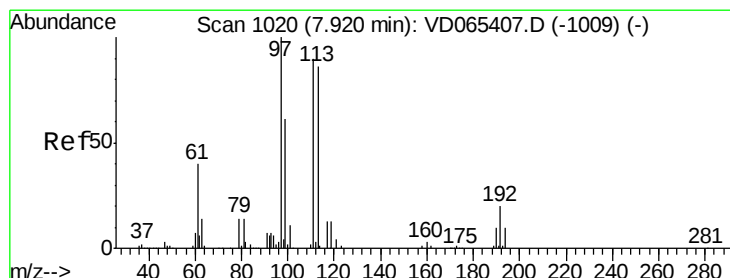
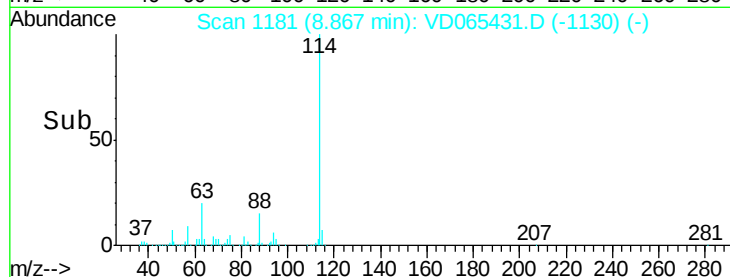
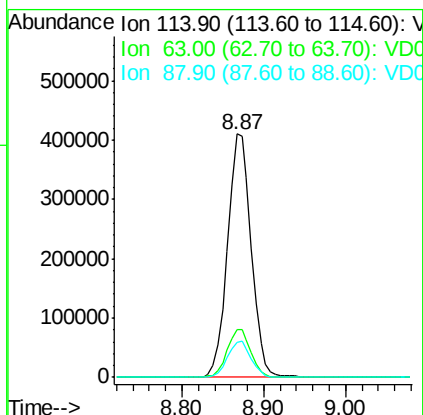
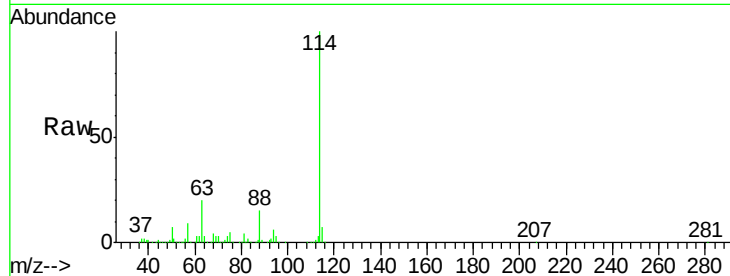




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065431.D
 Acq: 05 Mar 2020 15:12

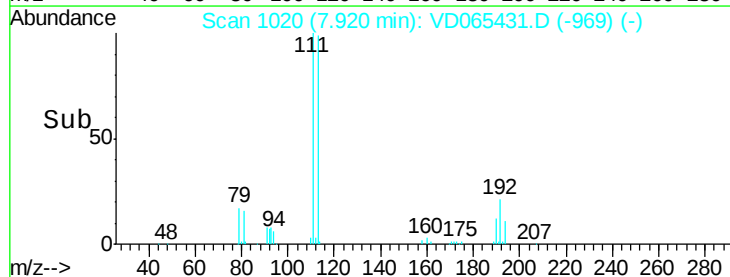
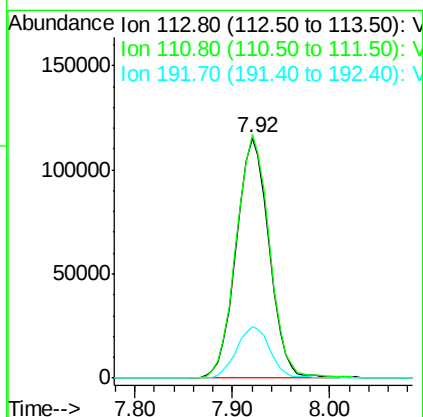
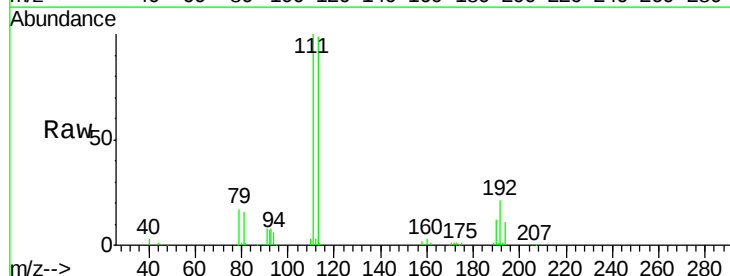
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

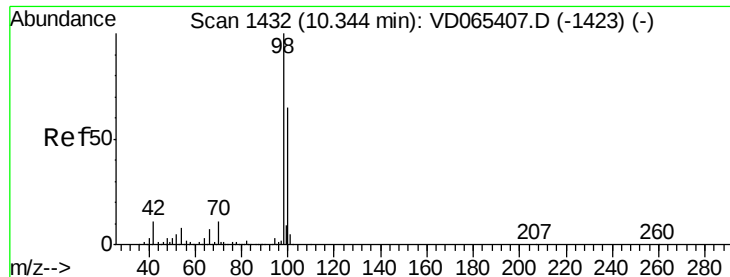
Tot Ion:114 Resp: 826586
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 14.5 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 53.214 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065431.D
 Acq: 05 Mar 2020 15:12

Tgt Ion:113 Resp: 272012
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.1 123.1
 192 22.0 17.2 25.8





#50

Toluene-d8

Concen: 49.420 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065431.D

Acq: 05 Mar 2020 15:12

Instrument :

MSVOA_D

ClientSampled :

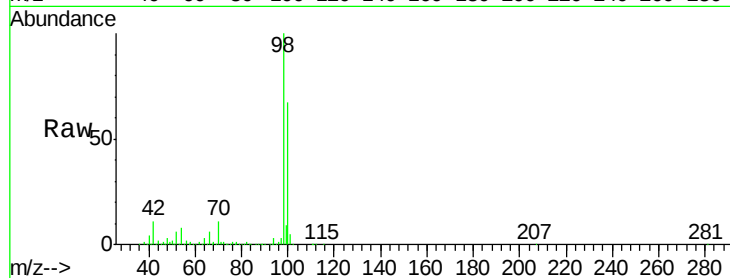
TP-5

Tot Ion: 98 Resp: 969143

Ion Ratio Lower Upper

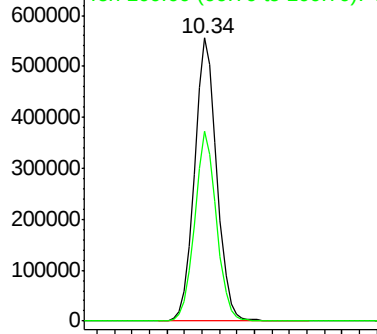
98 100

100 65.6 52.8 79.2

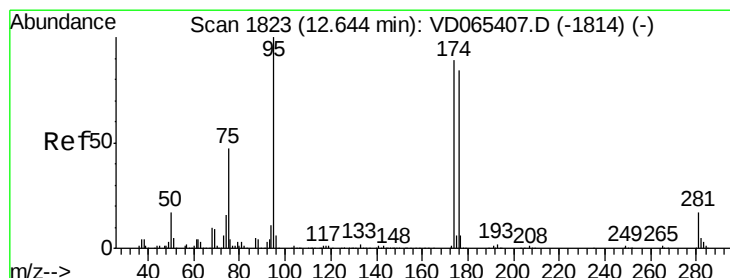
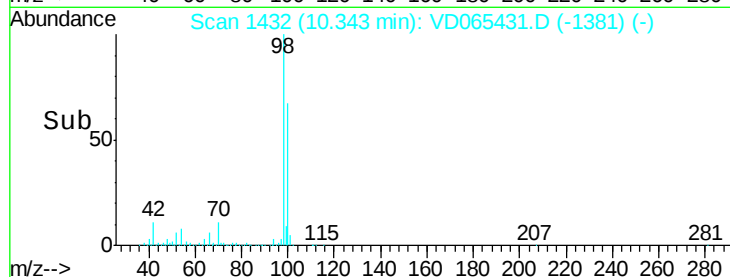


Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 42.842 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065431.D

Acq: 05 Mar 2020 15:12

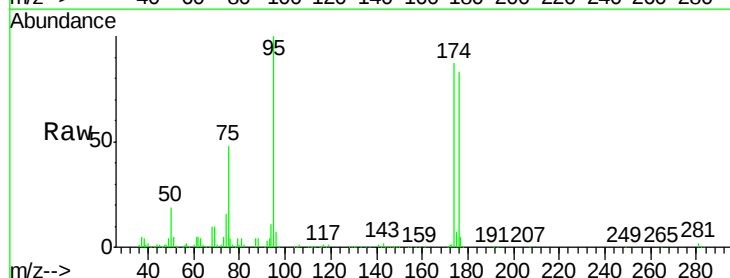
Tgt Ion: 95 Resp: 259359

Ion Ratio Lower Upper

95 100

174 90.5 0.0 176.8

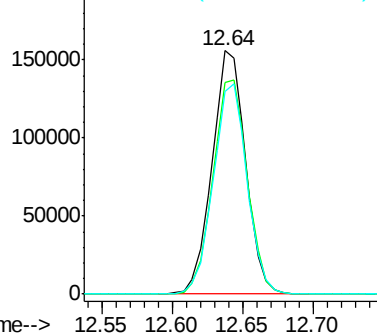
176 87.1 0.0 171.4



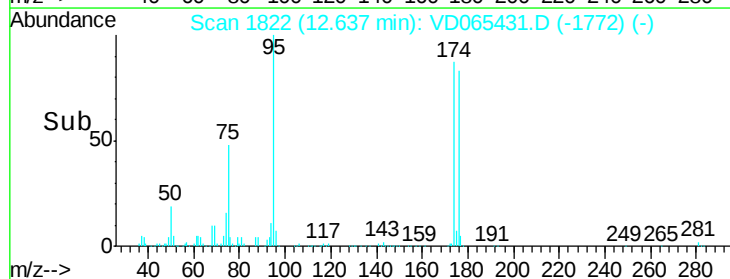
Abundance Ion 94.90 (94.60 to 95.60): VDC

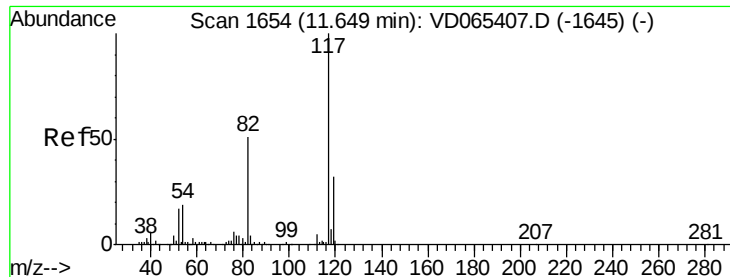
Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



Time-->

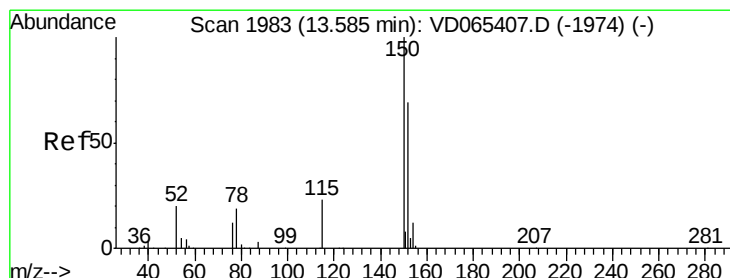
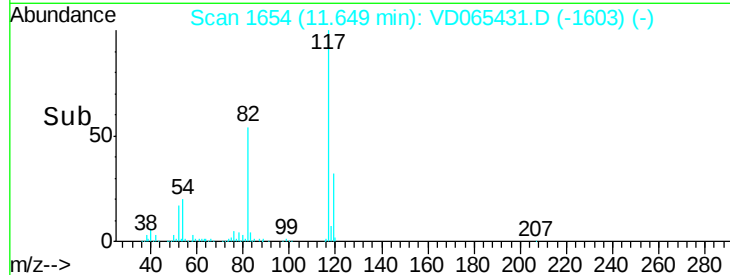
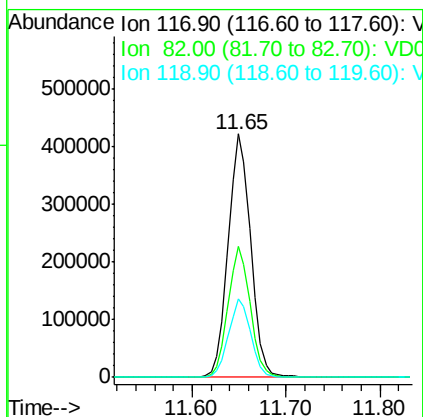
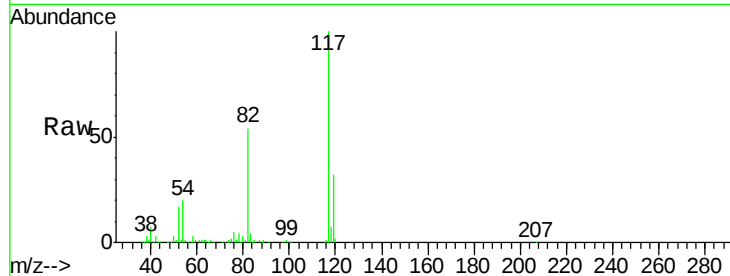




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065431.D
Acq: 05 Mar 2020 15:12

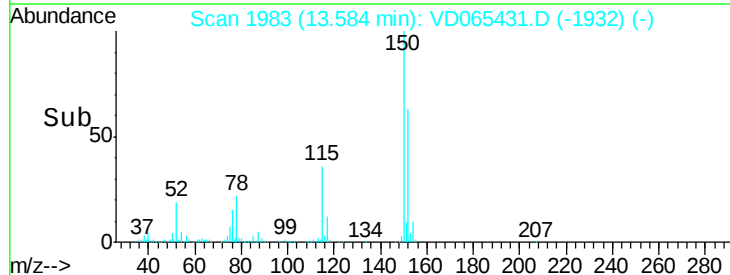
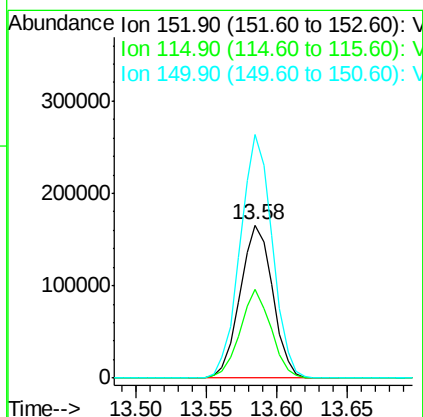
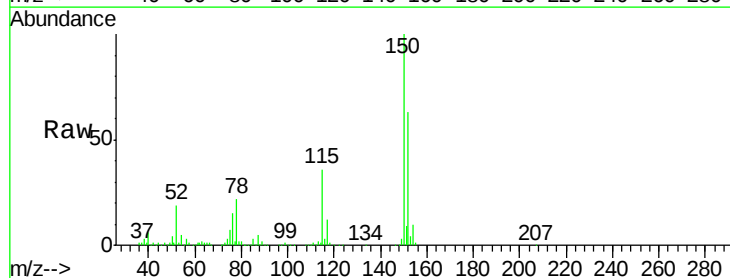
Instrument :
MSVOA_D
ClientSampled :
TP-5

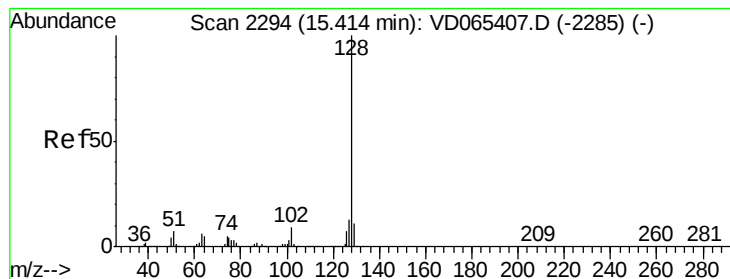
Tot Ion:117 Resp: 703525
Ion Ratio Lower Upper
117 100
82 53.8 40.6 60.8
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065431.D
Acq: 05 Mar 2020 15:12

Tgt Ion:152 Resp: 268109
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 156.6 0.0 345.0





#95

Naphthalene

Concen: 6.062 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065431.D

Acq: 05 Mar 2020 15:12

Instrument :

MSVOA_D

ClientSampleId :

TP-5

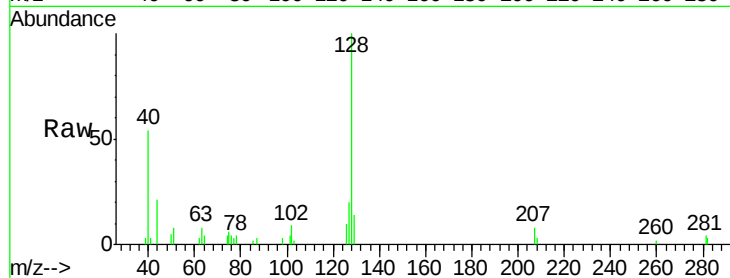
Tot Ion:128 Resp: 15718

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 12.1 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

