

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065228.D
 Acq On : 18 Feb 2020 19:39
 Operator : VA/SY
 Sample : L1575-02
 Misc : 5.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A-S2

Quant Time: Feb 19 04:18:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

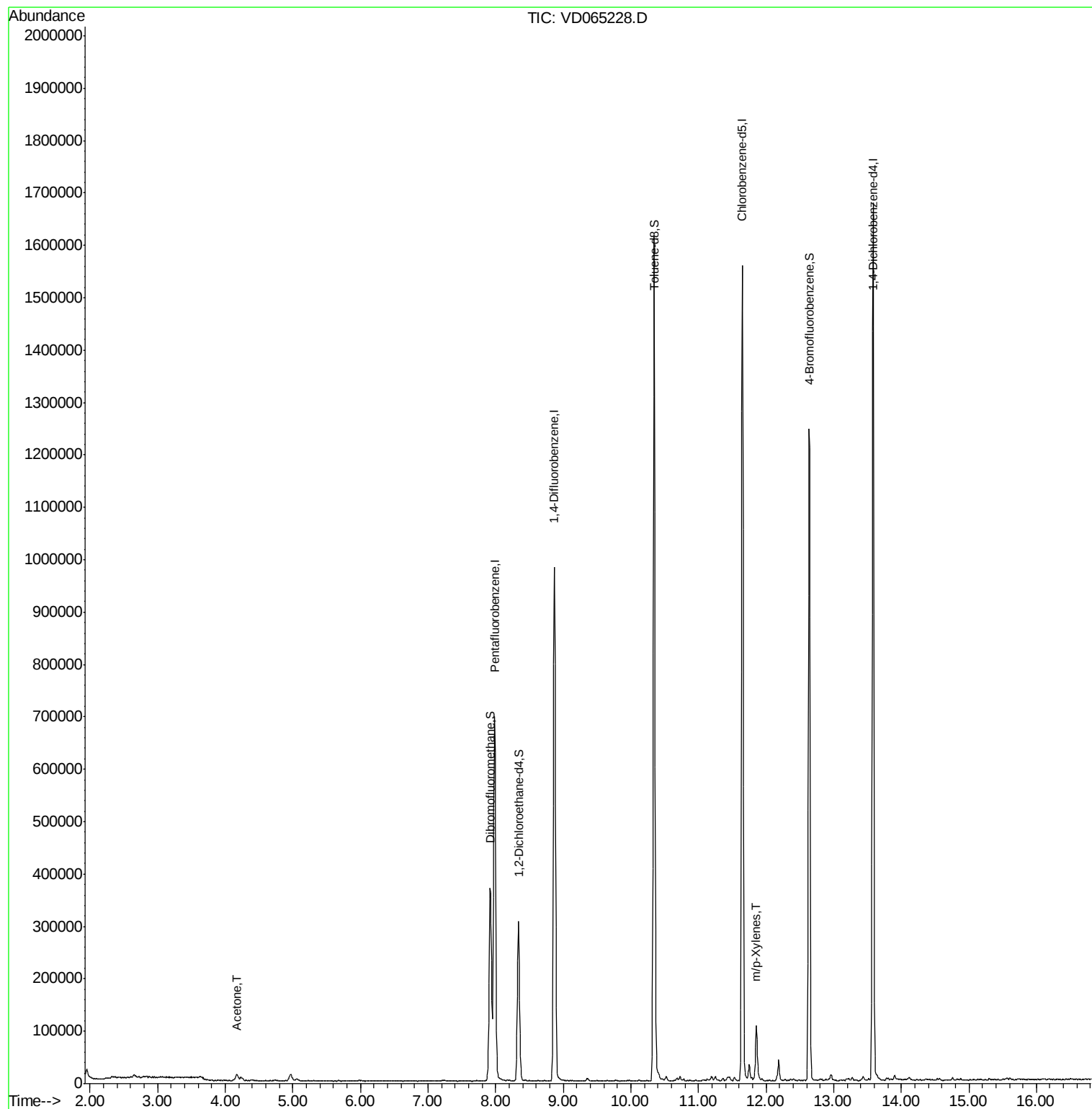
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	532439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	872647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	916102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	442089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	244660	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.93	113	272092	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	10.34	98	1076055	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.64	95	403551	62.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.24%	
Target Compounds						
16) Acetone	4.17	43	22815	19.485	ug/l	93
68) m/p-Xylenes	11.86	106	29208	2.371	ug/l	91

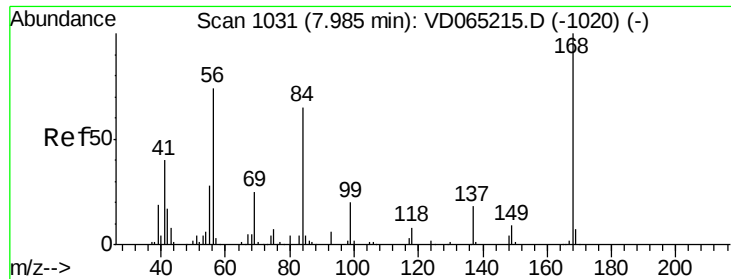
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 19 03:26:54 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: VD065228.D

Acq: 18 Feb 2020 19:39

Instrument :

MSVOA_D

ClientSampleId :

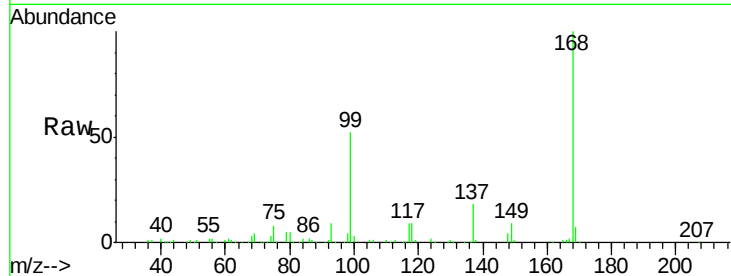
TP-A-S2

Tot Ion:168 Resp: 532439

Ion Ratio Lower Upper

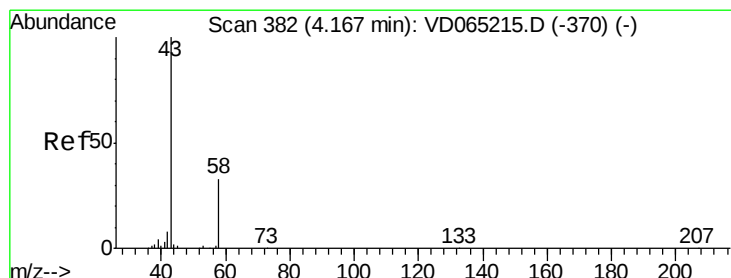
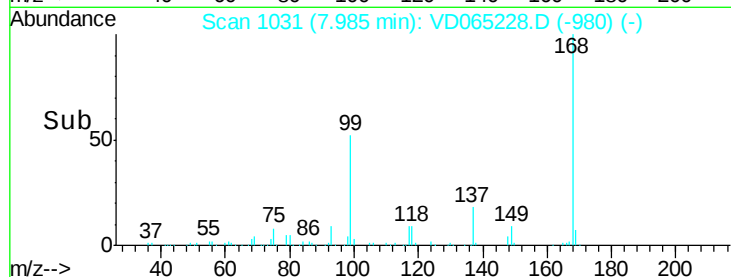
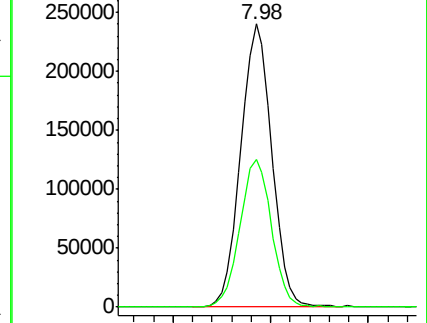
168 100

99 52.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 19.485 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065228.D

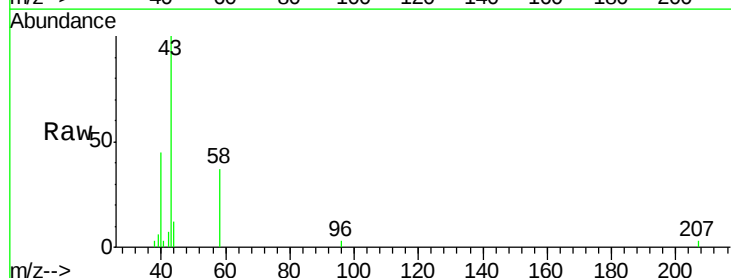
Acq: 18 Feb 2020 19:39

Tgt Ion: 43 Resp: 22815

Ion Ratio Lower Upper

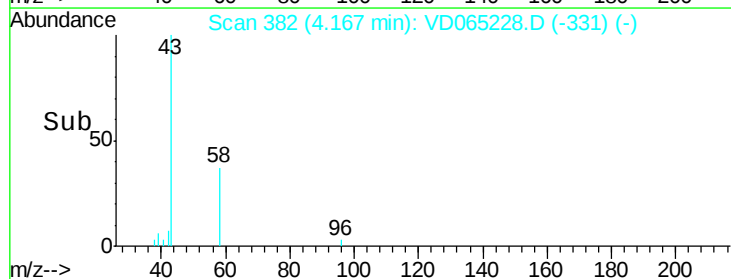
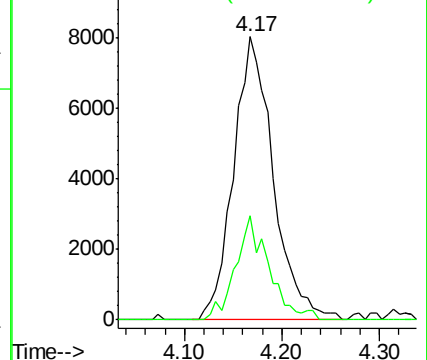
43 100

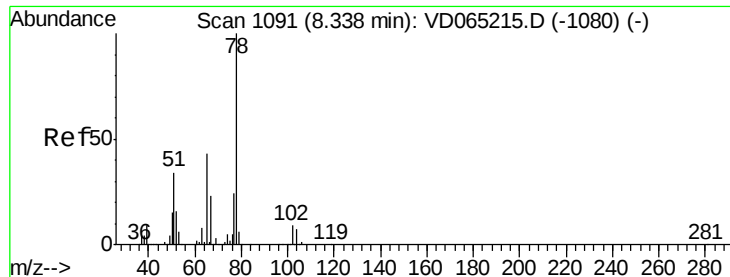
58 36.7 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.079 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

Instrument :

MSVOA_D

ClientSampleId :

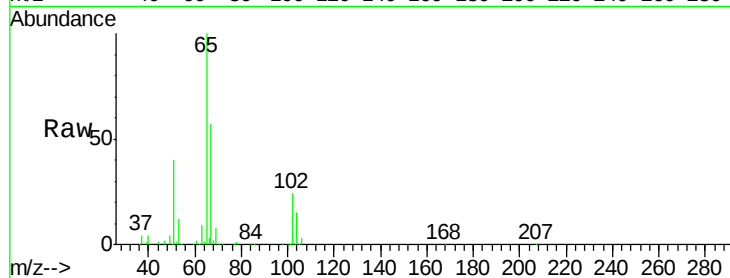
TP-A-S2

Tot Ion: 65 Resp: 244660

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

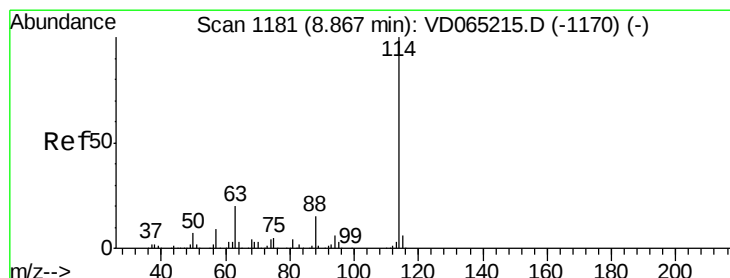
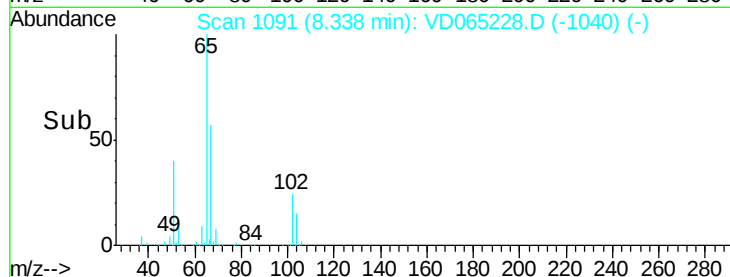
60000

40000

20000

0

Time--> 8.20 8.30 8.40 8.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

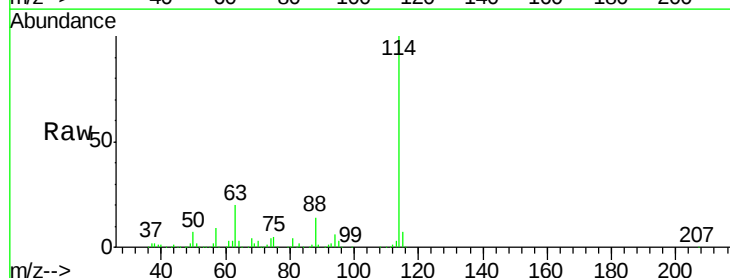
Tgt Ion: 114 Resp: 872647

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

88 14.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

500000

400000

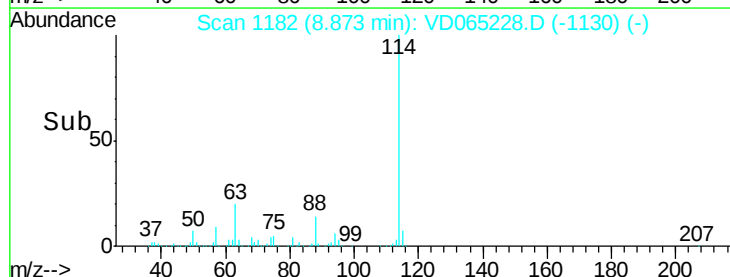
300000

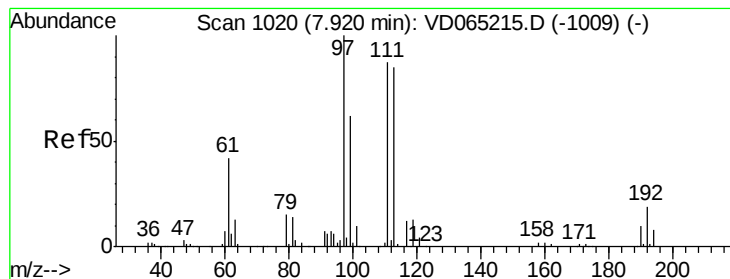
200000

100000

0

Time--> 8.80 8.90 9.00





#35

Dibromofluoromethane

Concen: 51.137 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

Instrument :

MSVOA_D

ClientSampleId :

TP-A-S2

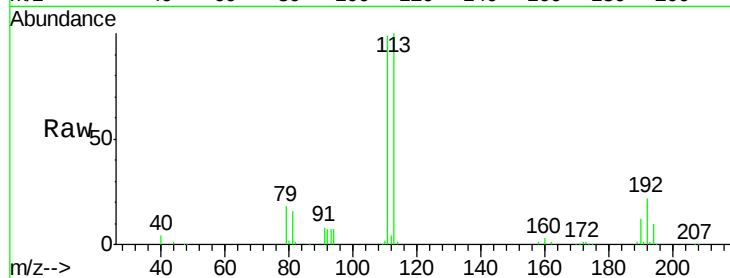
Tot Ion:113 Resp: 272092

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

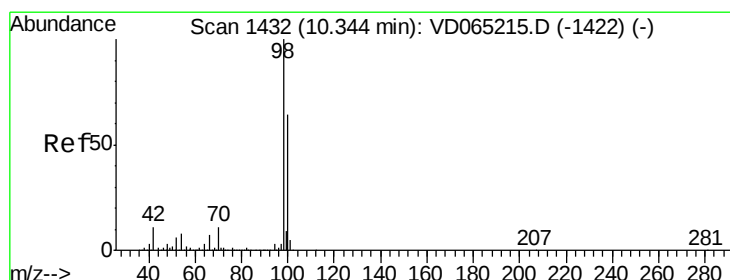
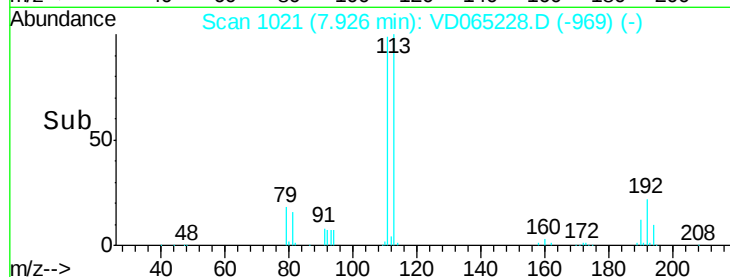
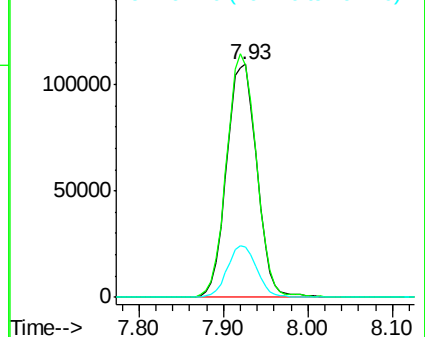
192 21.4 17.3 25.9



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: 52.900 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065228.D

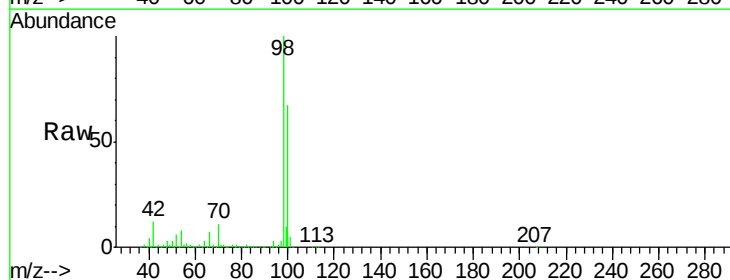
Acq: 18 Feb 2020 19:39

Tgt Ion: 98 Resp: 1076055

Ion Ratio Lower Upper

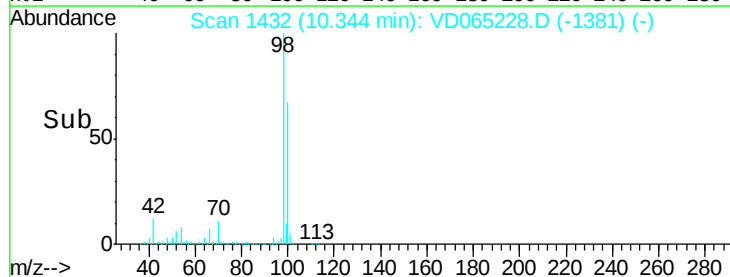
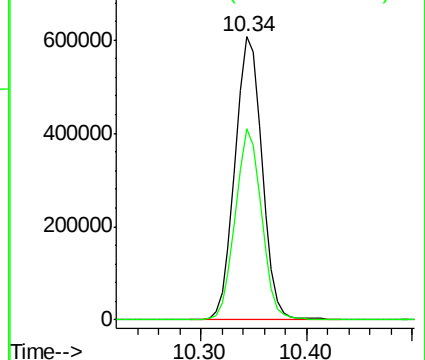
98 100

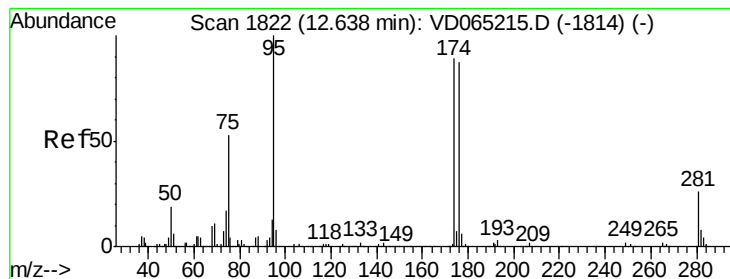
100 65.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 62.625 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

Instrument :

MSVOA_D

ClientSampleId :

TP-A-S2

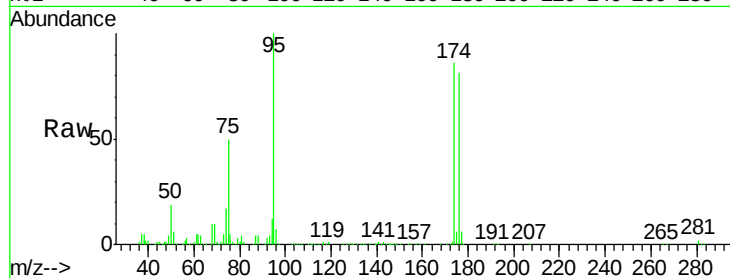
Tot Ion: 95 Resp: 403551

Ion Ratio Lower Upper

95 100

174 88.3 0.0 178.0

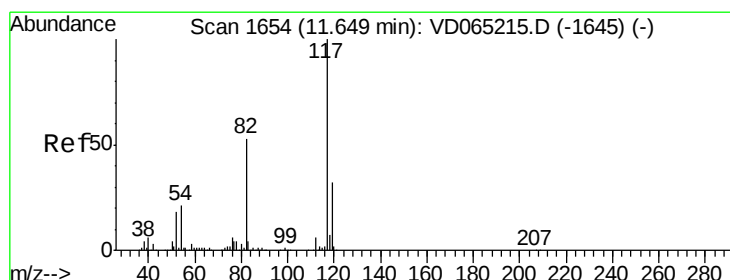
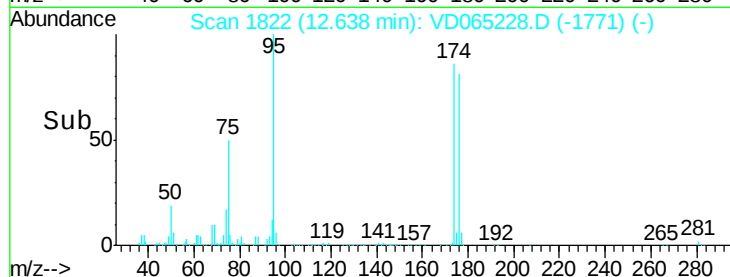
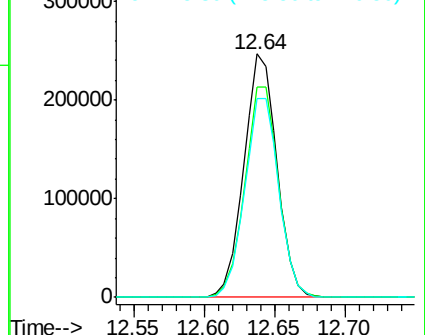
176 84.7 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): VD

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: VD065228.D

Acq: 18 Feb 2020 19:39

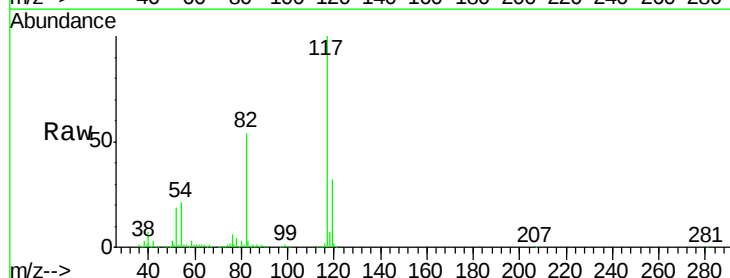
Tgt Ion: 117 Resp: 916102

Ion Ratio Lower Upper

117 100

82 54.2 42.7 64.1

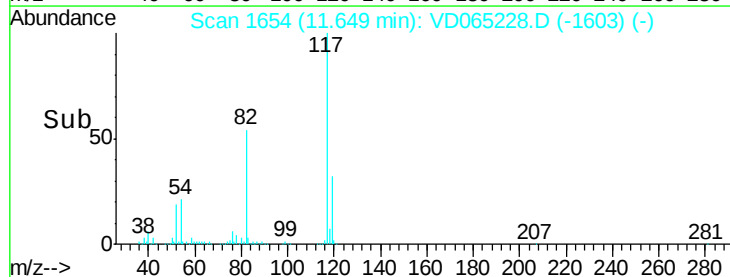
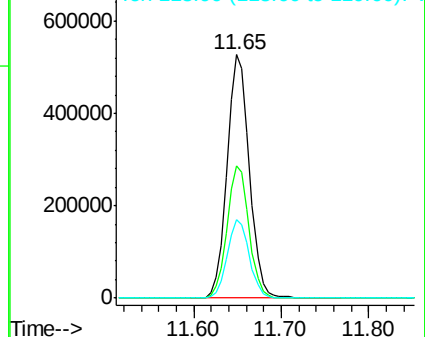
119 32.2 25.5 38.3

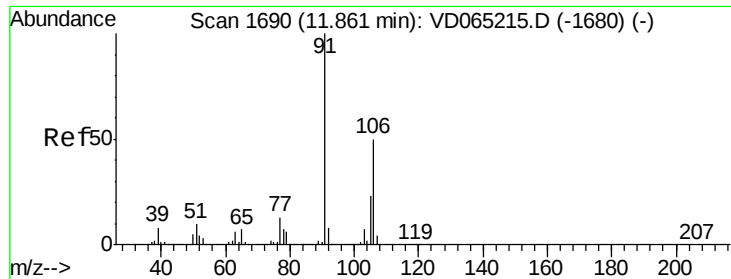


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V

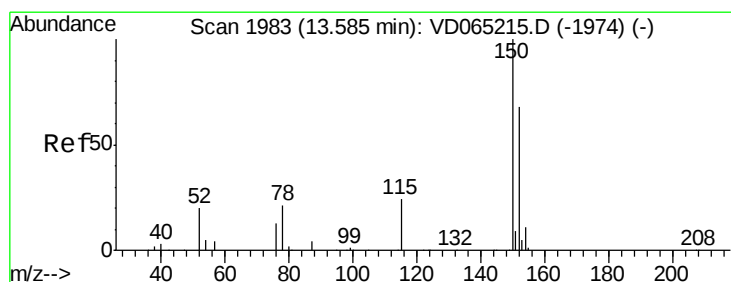
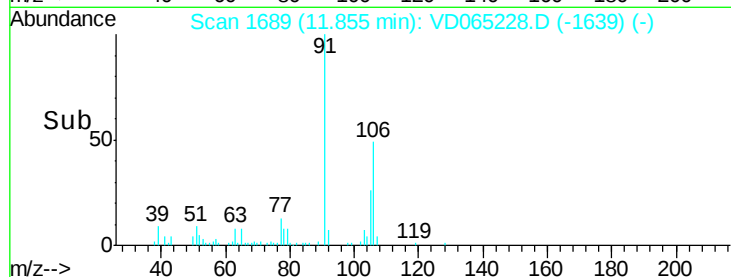
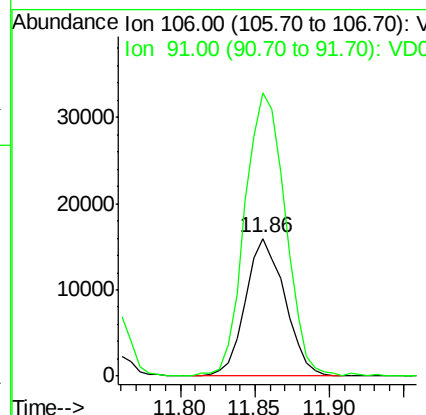
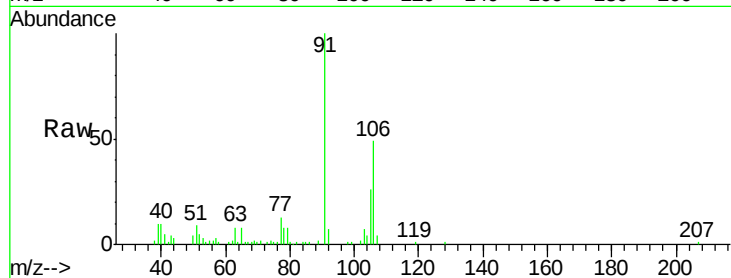




#68
m/p-Xvlenes
Concen: 2.371 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065228.D
Acq: 18 Feb 2020 19:39

Instrument :
MSVOA_D
ClientSampled :
TP-A-S2

Tot Ion:106 Resp: 29208
Ion Ratio Lower Upper
106 100
91 211.6 158.2 237.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065228.D
Acq: 18 Feb 2020 19:39

Tgt Ion:152 Resp: 442089
Ion Ratio Lower Upper
152 100
115 55.7 27.6 82.8
150 160.9 0.0 347.4

