

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
 Data File : VD064164.D
 Acq On : 08 Nov 2019 19:42
 Operator : VA/SY
 Sample : K5763-02
 Misc : 13.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-37-S2

Quant Time: Nov 09 02:32:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 08 16:20:44 2019
 Response via : Initial Calibration

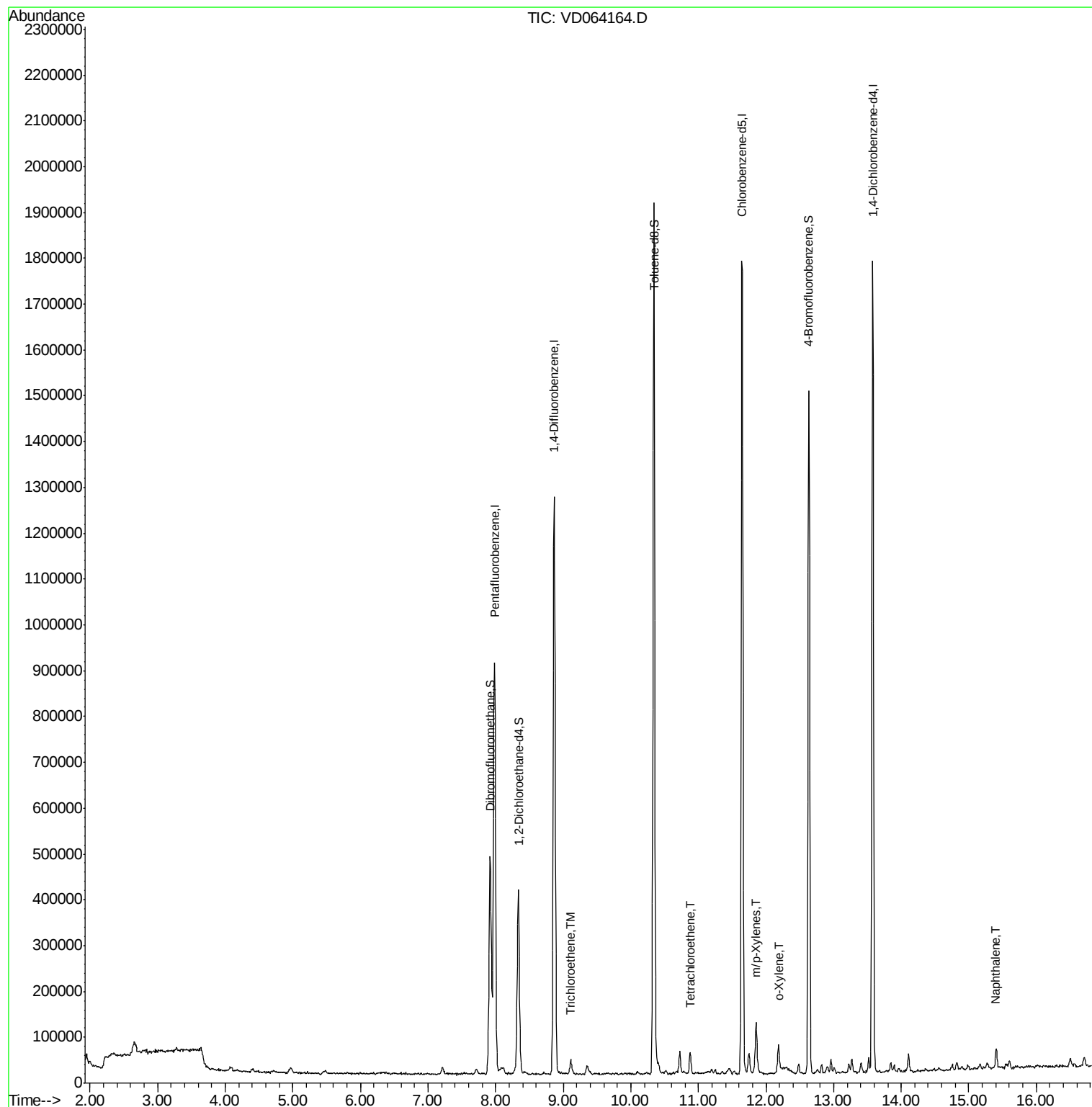
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	730584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1102504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1018515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	477067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	322276	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	7.92	113	333255	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	10.34	98	1285494	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.63	95	469405	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
Target Compounds						
44) Trichloroethene	9.11	130	9560	1.145	ug/l	88
64) Tetrachloroethene	10.88	164	12358	1.578	ug/l	91
68) m/p-Xylenes	11.86	106	33727	2.349	ug/l	93
69) o-Xylene	12.18	106	14079	1.057	ug/l	95
95) Naphthalene	15.41	128	39737	2.351	ug/l	97

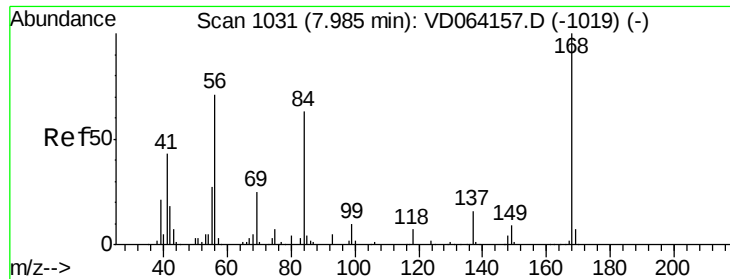
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 16:20:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064164.D

Acq: 08 Nov 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

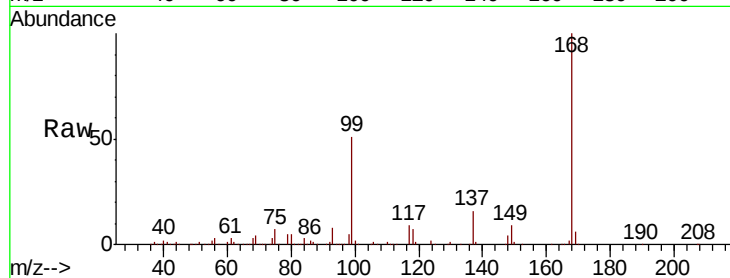
TP-37-S2

Tot Ion:168 Resp: 730584

Ion Ratio Lower Upper

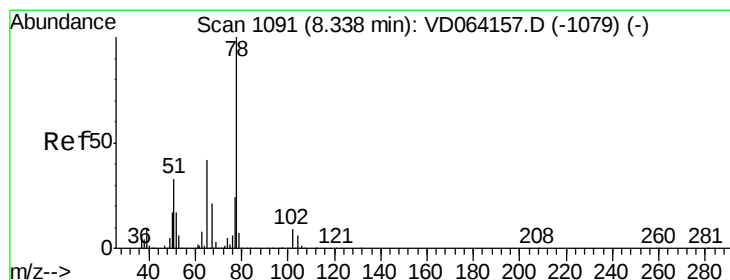
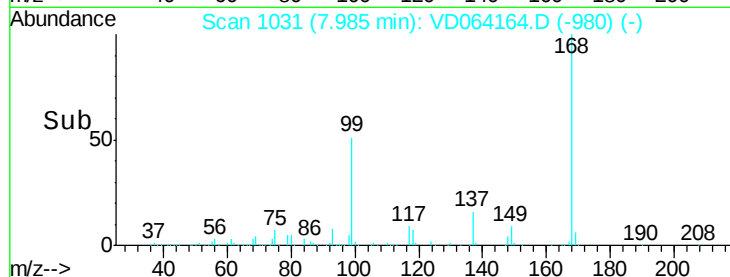
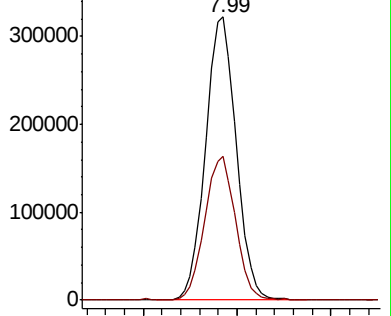
168 100

99 50.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.636 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064164.D

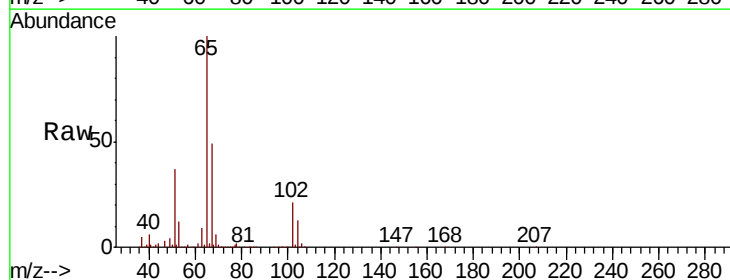
Acq: 08 Nov 2019 19:42

Tgt Ion: 65 Resp: 322276

Ion Ratio Lower Upper

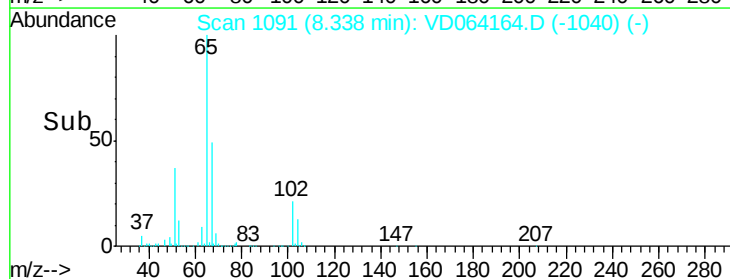
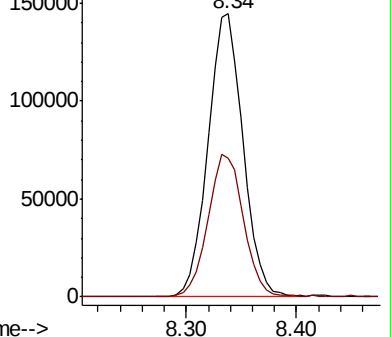
65 100

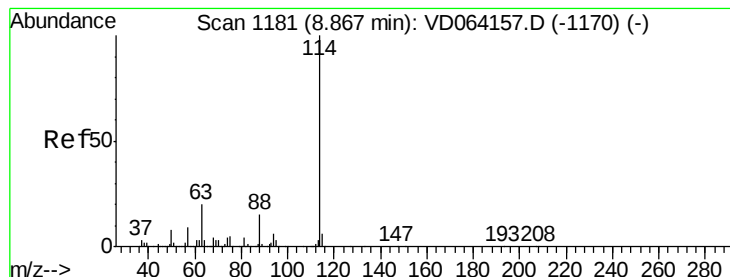
67 50.8 0.0 104.4



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: VD064164.D

Acq: 08 Nov 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

TP-37-S2

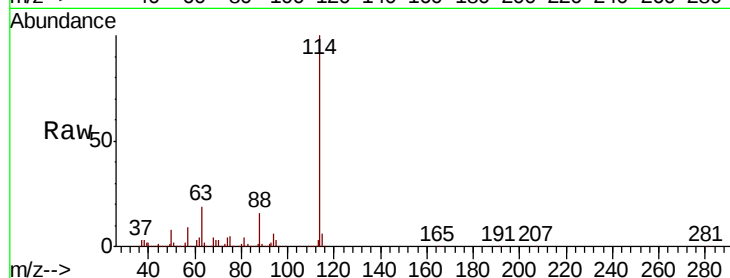
Tot Ion:114 Resp: 1102504

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

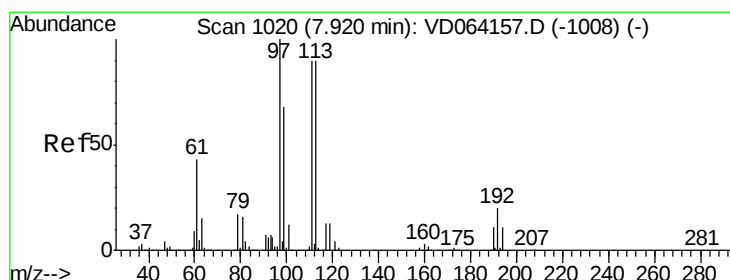
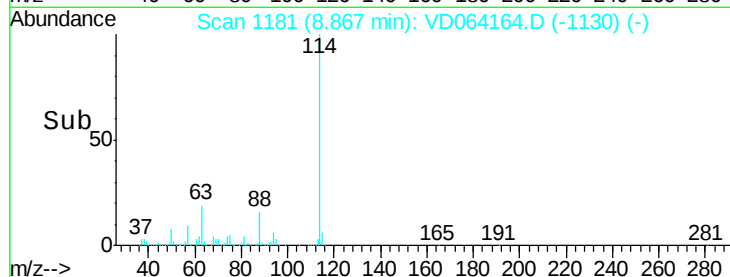
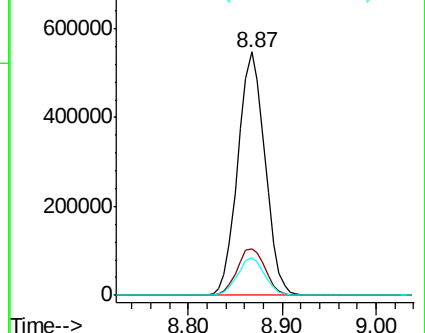
88 15.6 0.0 30.2



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: 52.659 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064164.D

Acq: 08 Nov 2019 19:42

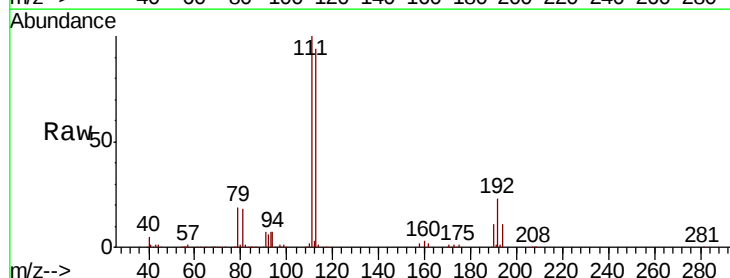
Tgt Ion:113 Resp: 333255

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

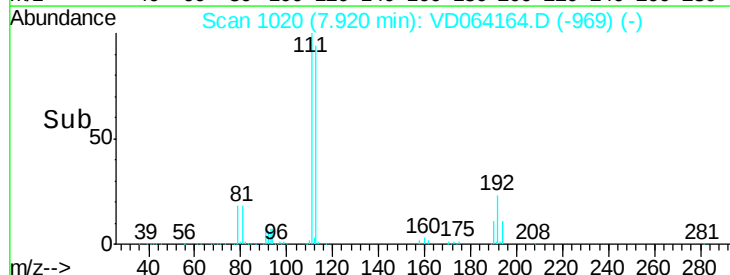
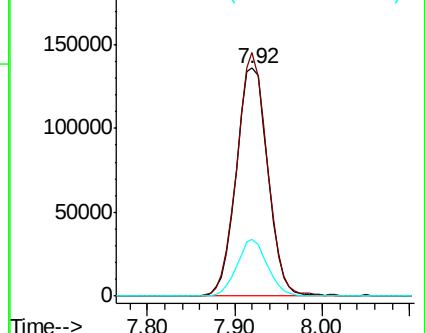
192 23.8 18.8 28.2

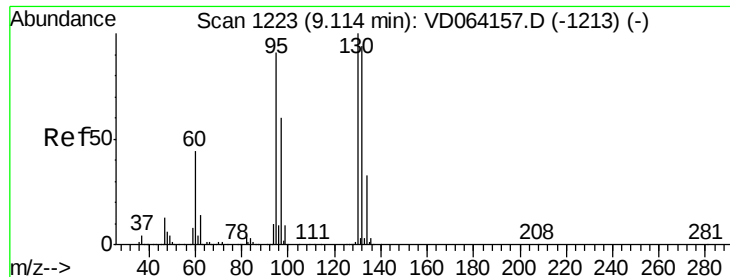


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.145 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064164.D

Acq: 08 Nov 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

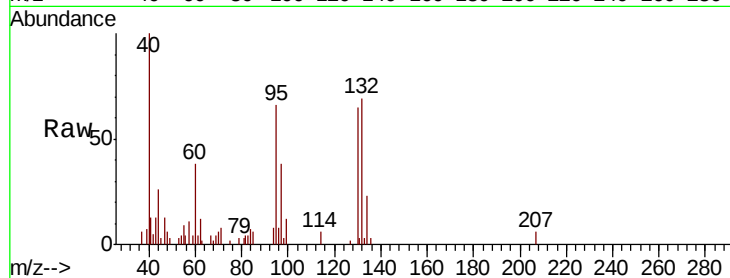
TP-37-S2

Tot Ion:130 Resp: 9560

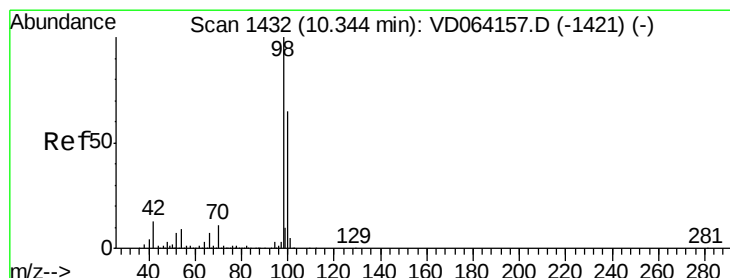
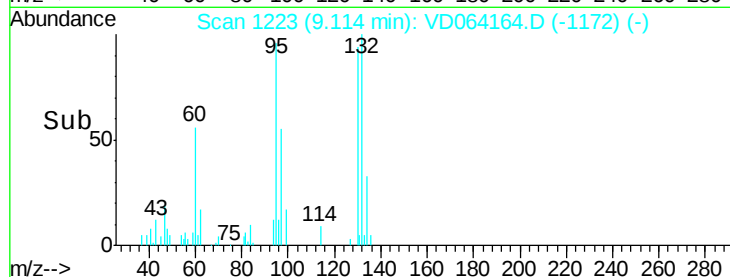
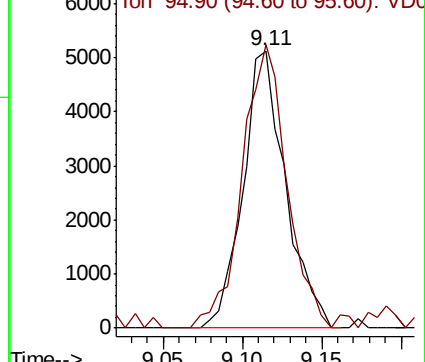
Ion Ratio Lower Upper

130 100

95 102.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 53.845 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064164.D

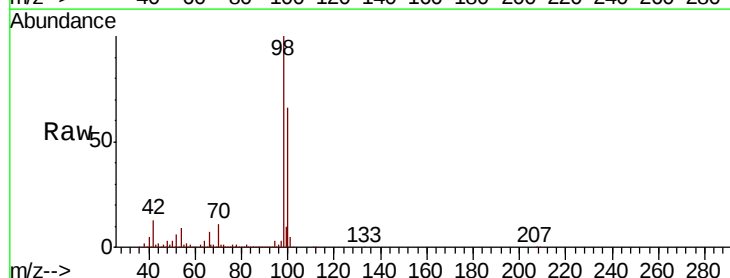
Acq: 08 Nov 2019 19:42

Tgt Ion: 98 Resp: 1285494

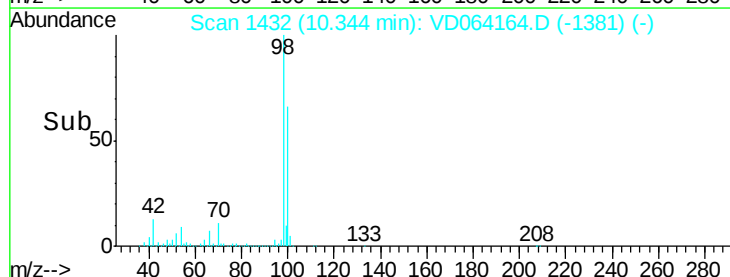
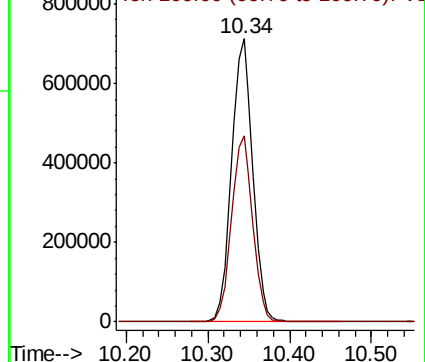
Ion Ratio Lower Upper

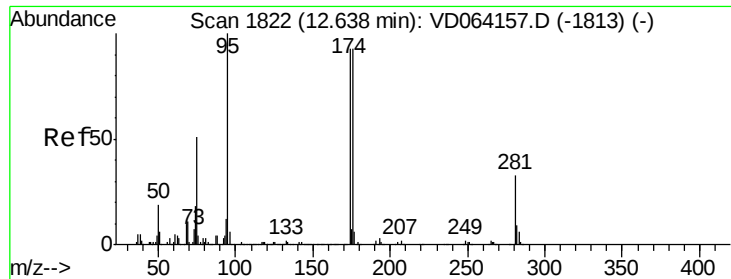
98 100

100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

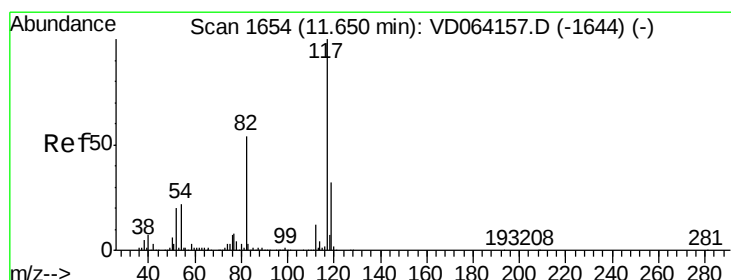
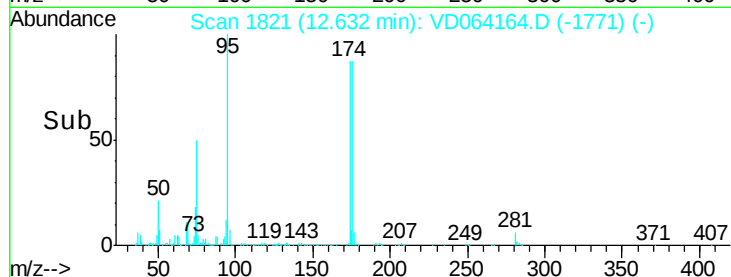
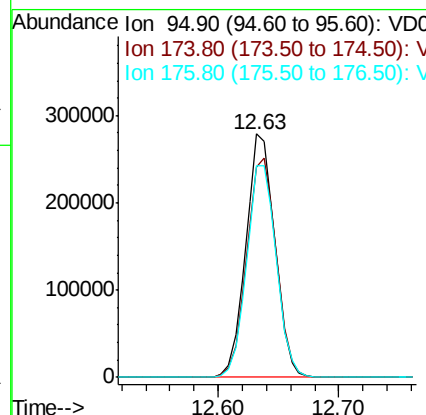
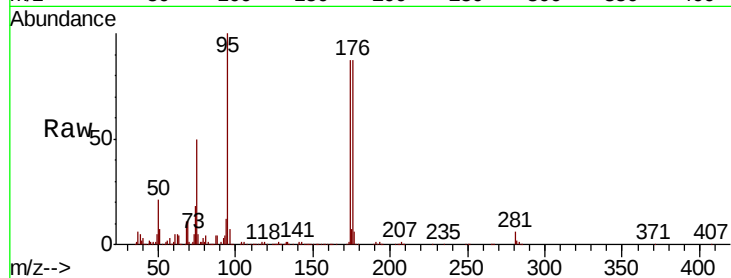




#62
4-Bromofluorobenzene
Concen: 56.776 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

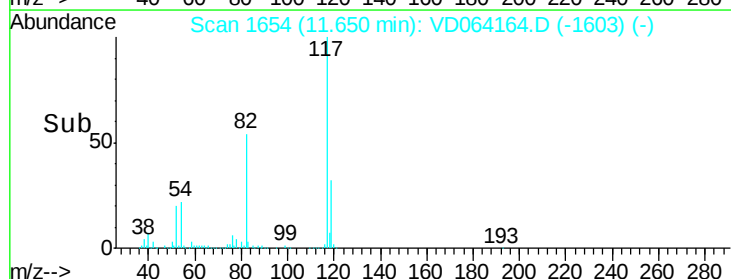
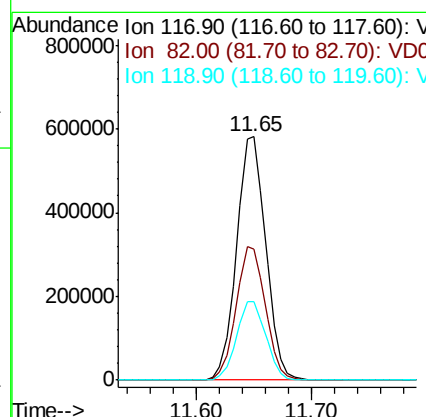
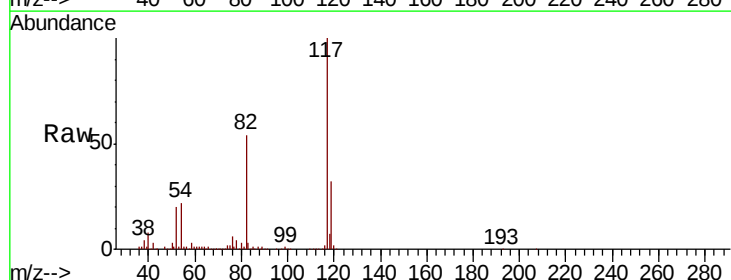
Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

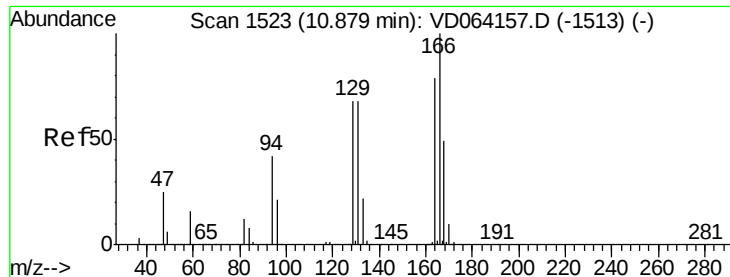
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	183.6
176	88.8	0.0	180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	31.9	25.6	38.4





#64

Tetrachloroethene

Concen: 1.578 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. 0.00 min

Lab File: VD064164.D

Acq: 08 Nov 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

TP-37-S2

Tot Ion:164 Resp: 12358

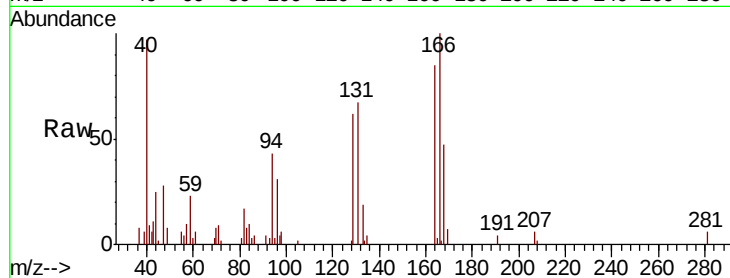
Ion Ratio Lower Upper

164 100

166 117.8 100.8 151.2

129 72.6 68.7 103.1

131 79.1 68.1 102.1

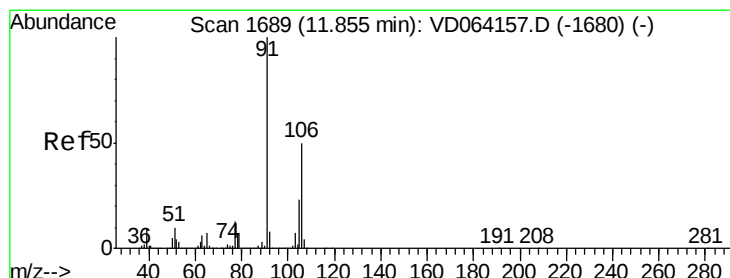
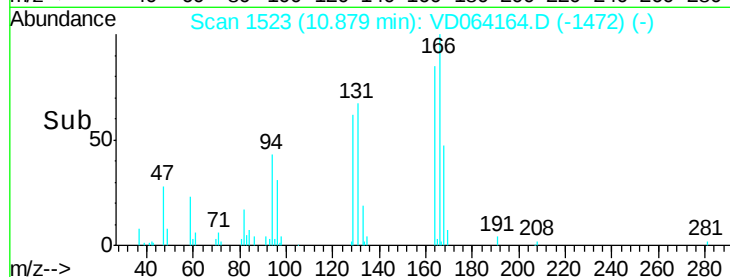
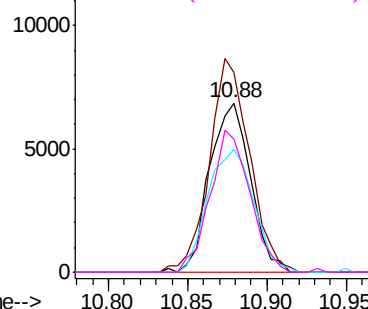


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 2.349 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064164.D

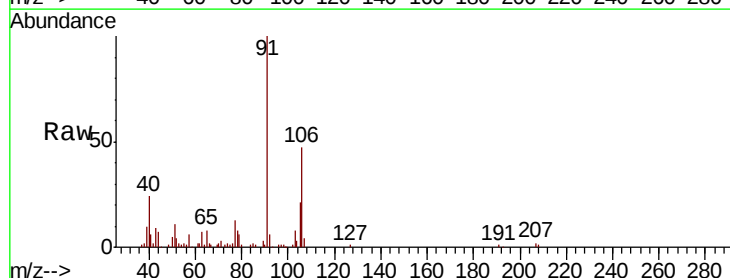
Acq: 08 Nov 2019 19:42

Tgt Ion:106 Resp: 33727

Ion Ratio Lower Upper

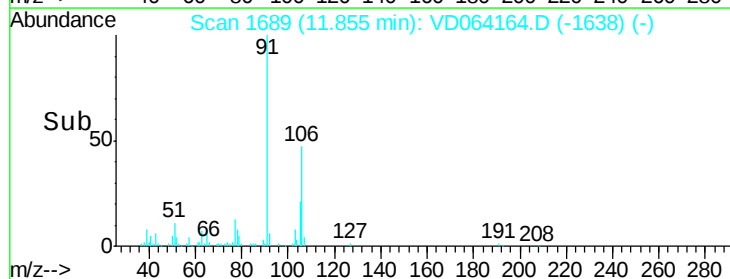
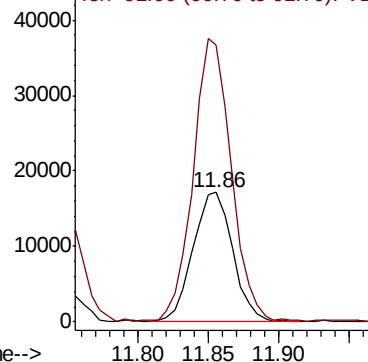
106 100

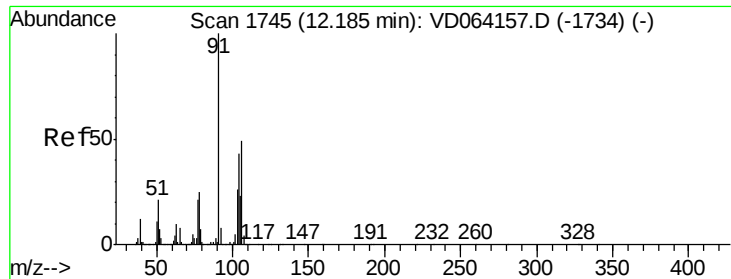
91 210.9 160.3 240.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

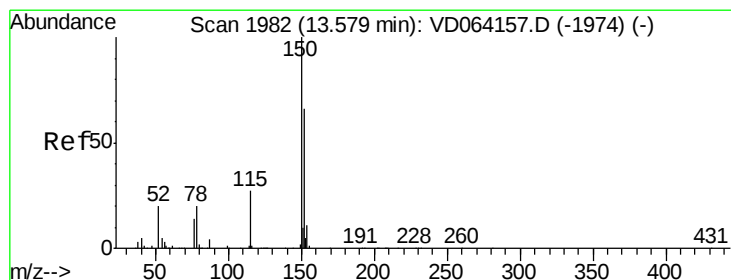
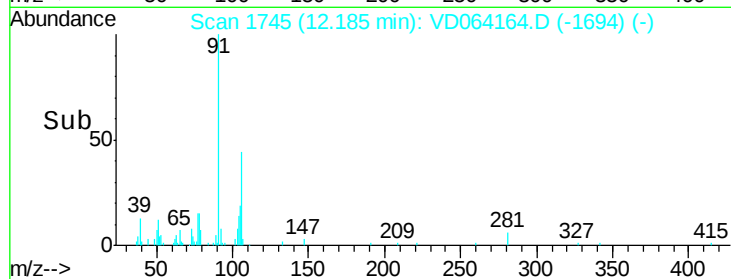
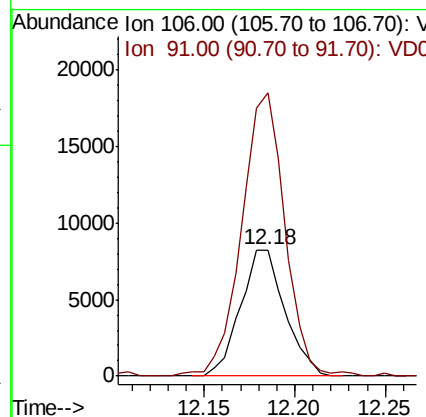
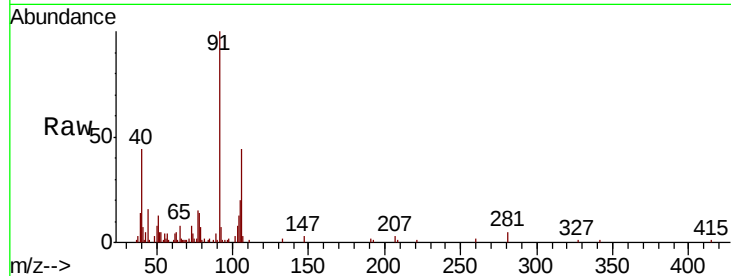




#69
o-Xylene
Concen: 1.057 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

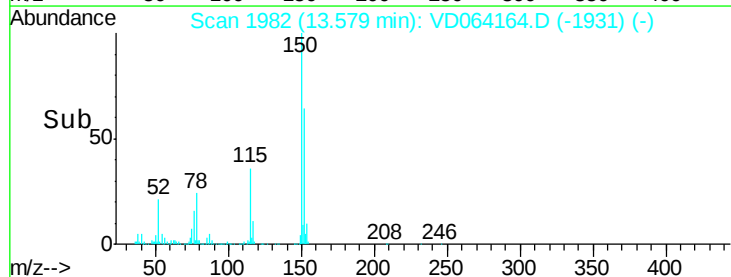
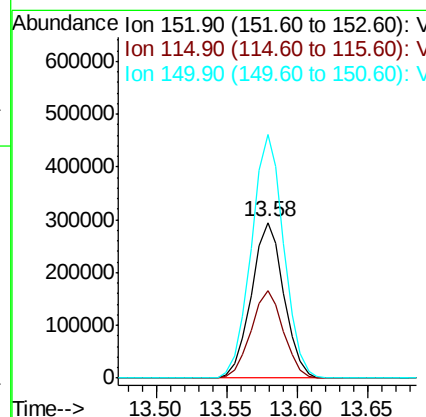
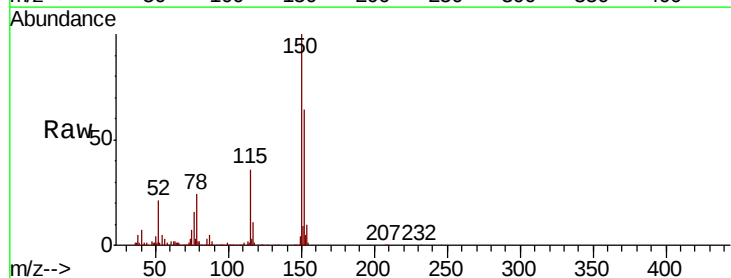
Instrument :
MSVOA_D
ClientSampled :
TP-37-S2

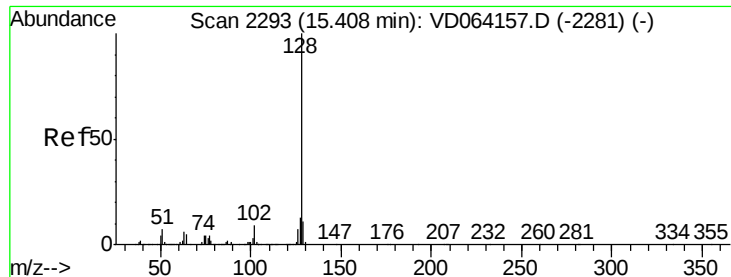
Tot Ion:106 Resp: 14079
Ion Ratio Lower Upper
106 100
91 217.8 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion:152 Resp: 477067
Ion Ratio Lower Upper
152 100
115 55.8 27.4 82.2
150 156.4 0.0 351.6





#95

Naphthalene

Concen: 2.351 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD064164.D

Acq: 08 Nov 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

TP-37-S2

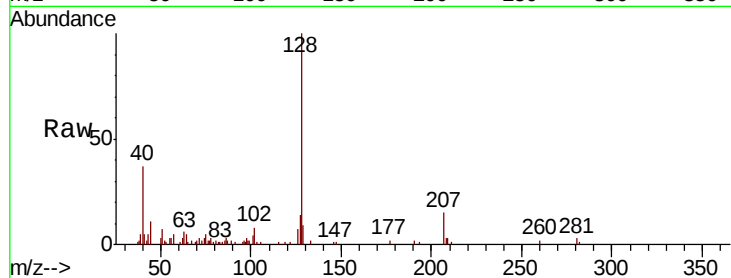
Tot Ion:128 Resp: 39737

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

129 9.4 8.6 13.0



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

