

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060343.D
 Acq On : 12 Nov 2018 17:54
 Operator : JC/SY
 Sample : J5907-21
 Misc : 5.92g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-S

Quant Time: Nov 13 01:46:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

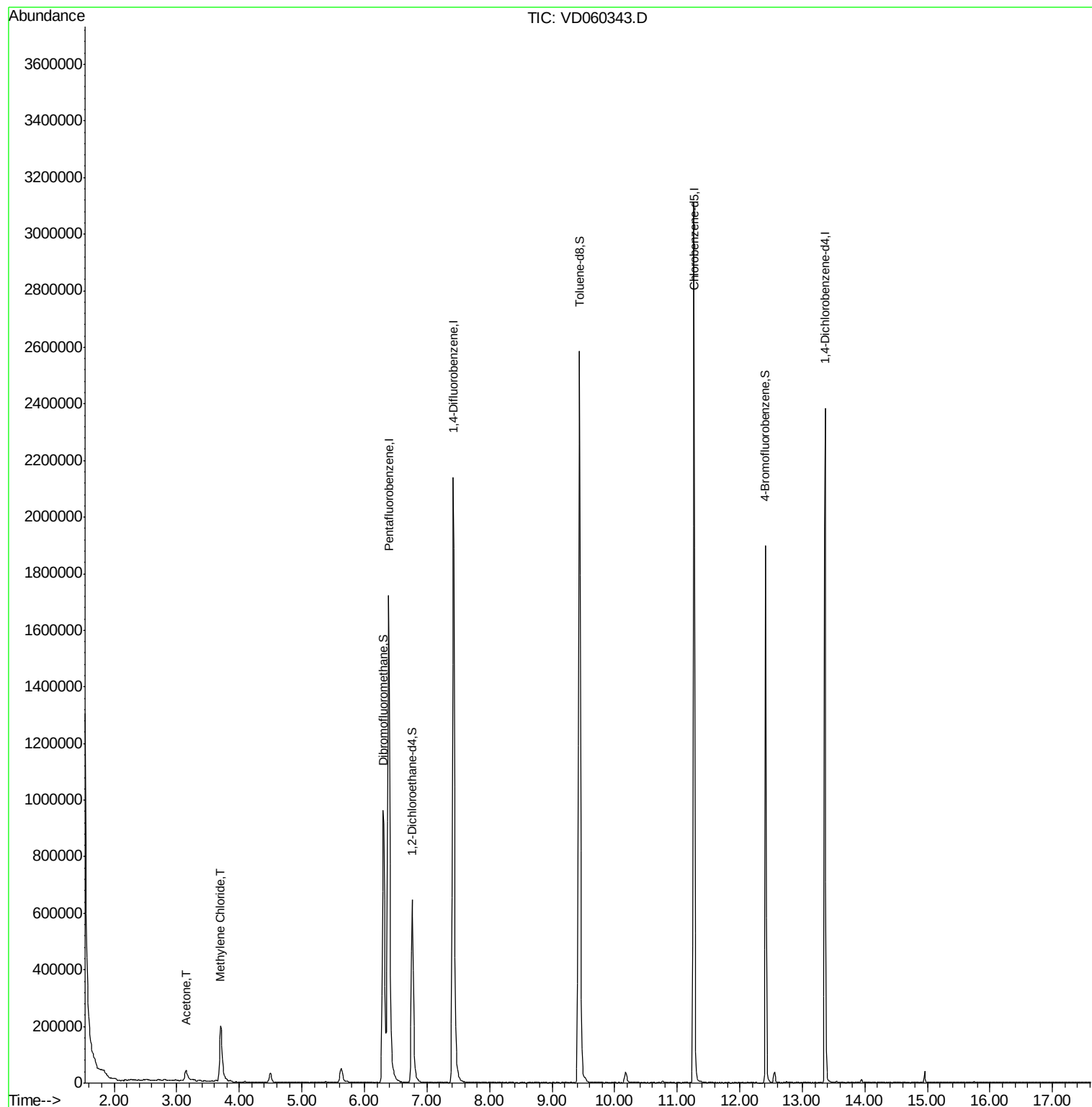
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1705167	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	2140848	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1613811	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	576419	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	556926	45.61	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	91.22%	
35) Dibromofluoromethane	6.30	113	778832	48.79	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	9.44	98	2081600	44.55	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.10%	
62) 4-Bromofluorobenzene	12.41	95	593352	35.05	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	70.10%	
Target Compounds						
16) Acetone	3.15	43	82200	38.813	ug/l	99
20) Methylene Chloride	3.70	84	132582	7.057	ug/l	97

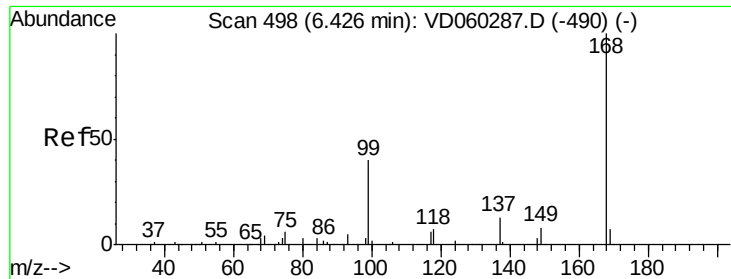
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060343.D

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Instrument :

MSVOA_D

ClientSampleId :

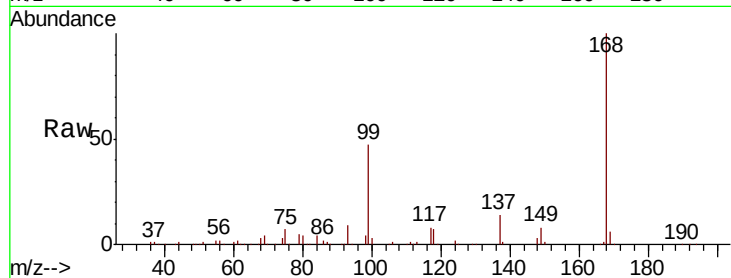
TP-3-S

Tot Ion:168 Resp: 1705167

Ion Ratio Lower Upper

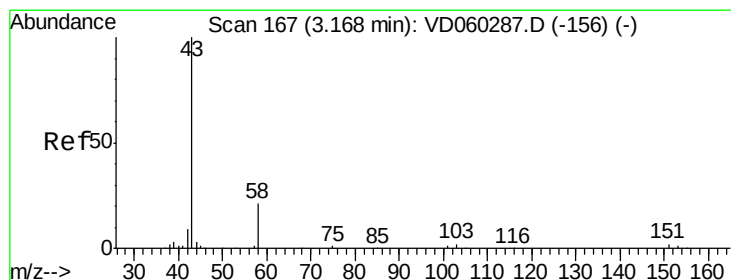
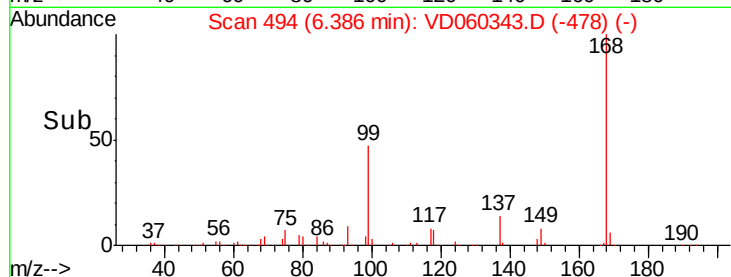
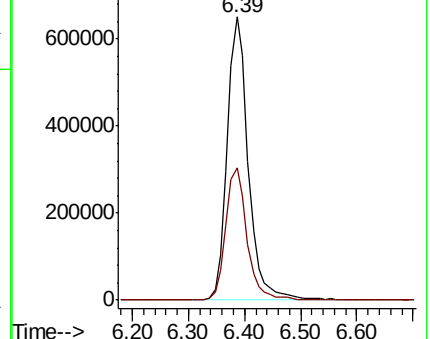
168 100

99 46.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 38.813 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060343.D

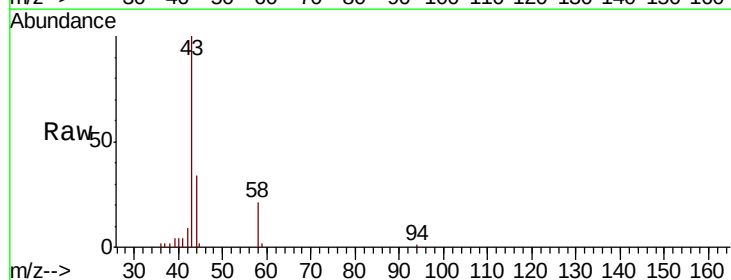
Acq: 12 Nov 2018 17:54

Tgt Ion: 43 Resp: 82200

Ion Ratio Lower Upper

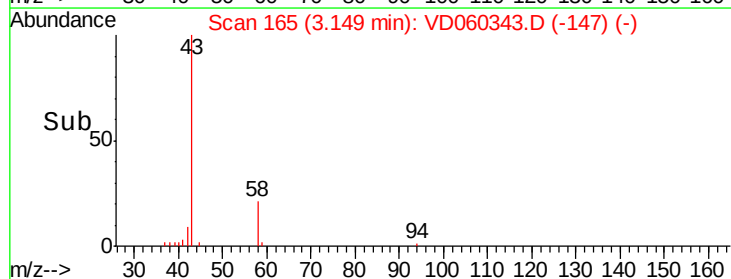
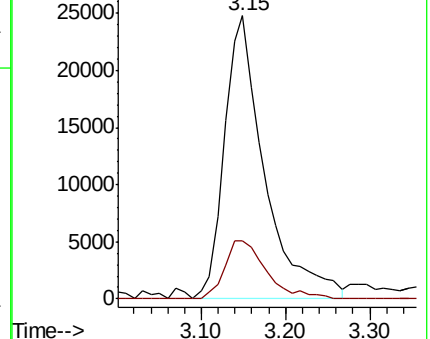
43 100

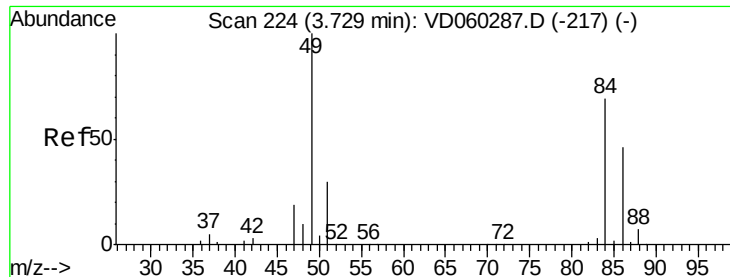
58 20.8 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

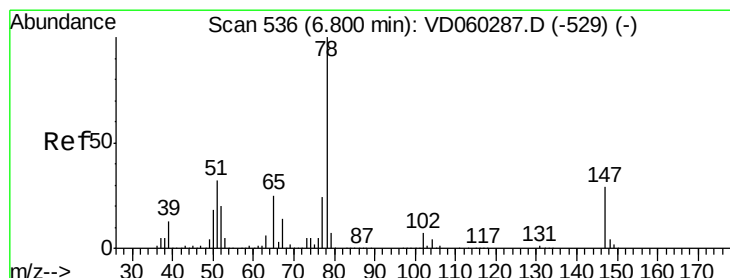
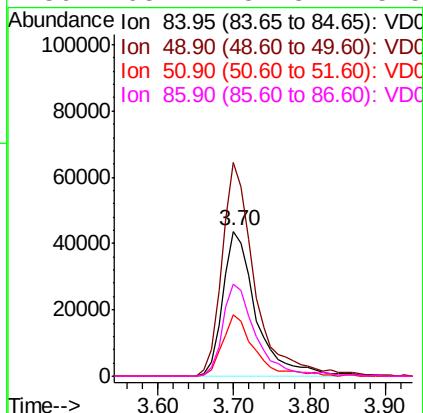
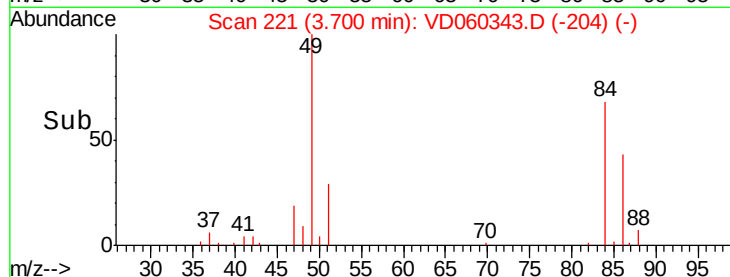
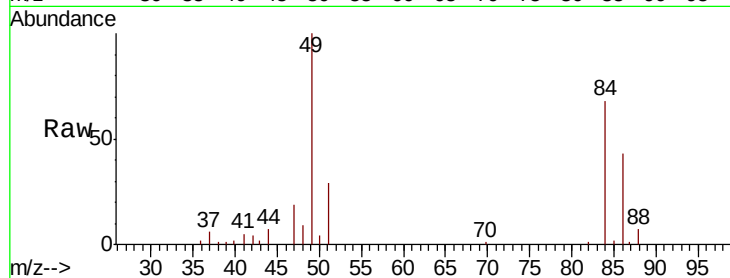




#20
Methylene Chloride
Concen: 7.057 ug/l
RT: 3.70 min Scan# 221
Delta R.T. -0.03 min
Lab File: VD060343.D
Acq: 12 Nov 2018 17:54

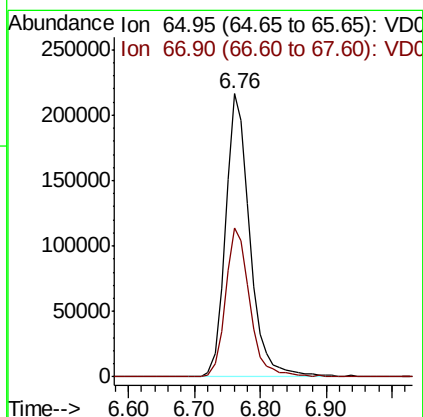
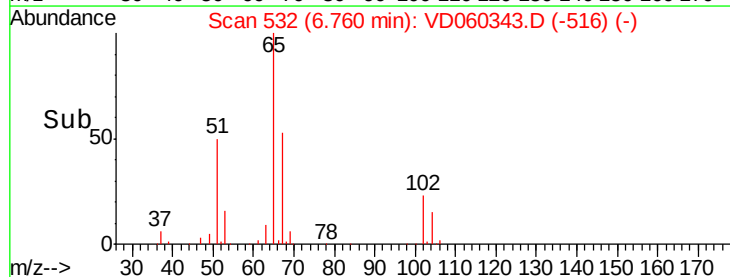
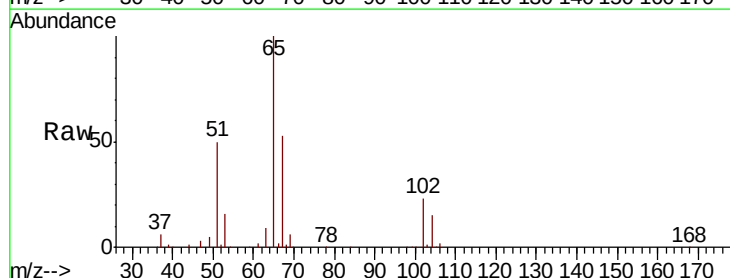
Instrument :
MSVOA_D
ClientSampleId :
TP-3-S

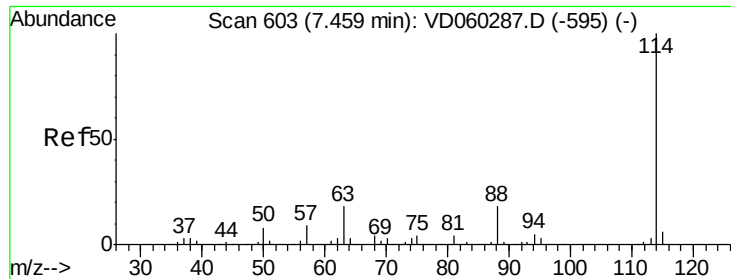
Tot Ion: 84 Resp: 132582
Ion Ratio Lower Upper
84 100
49 147.2 115.6 173.4
51 42.3 35.6 53.4
86 63.2 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.04 min
Lab File: VD060343.D
Acq: 12 Nov 2018 17:54

Tgt Ion: 65 Resp: 556926
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.8

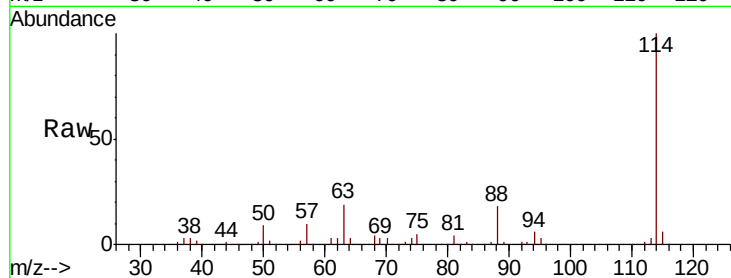




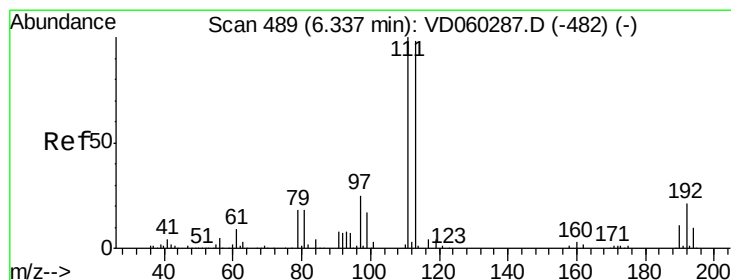
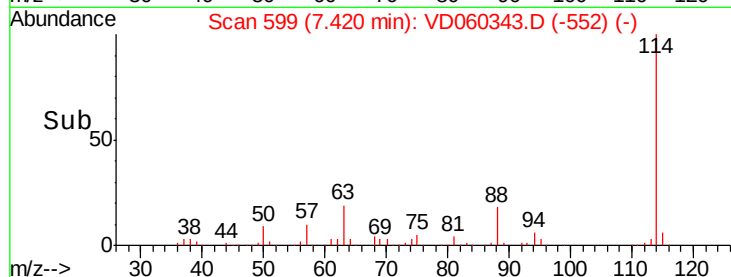
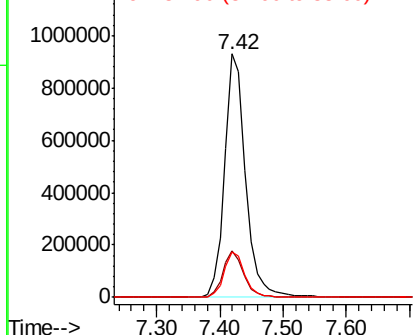
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 599
Delta R.T. -0.04 min
Lab File: VD060343.D
Acq: 12 Nov 2018 17:54

Instrument :
MSVOA_D
ClientSampleId :
TP-3-S

Tot Ion:114 Resp: 2140848
Ion Ratio Lower Upper
114 100
63 19.1 0.0 34.0
88 18.5 0.0 35.4

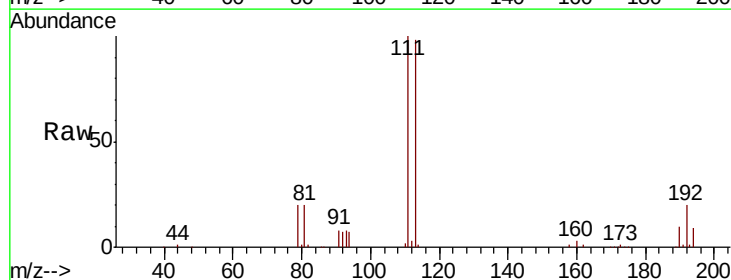


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

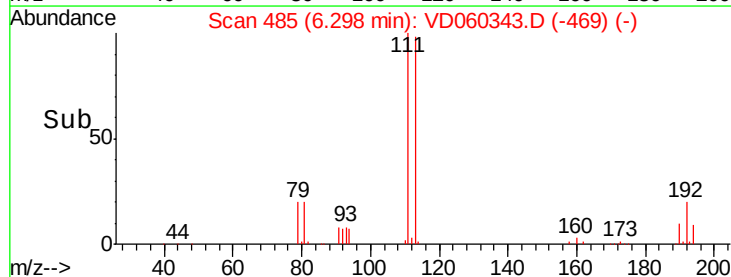
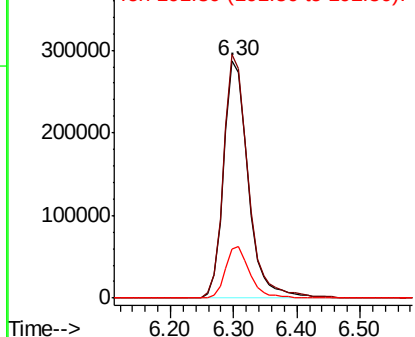


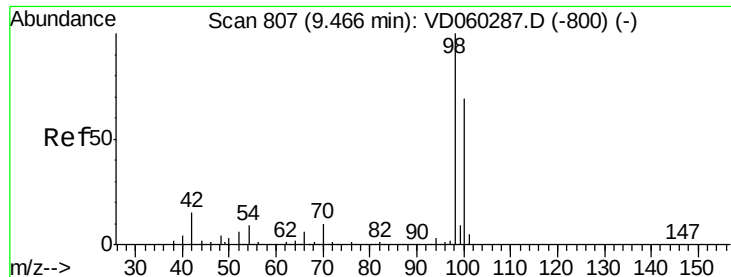
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 485
Delta R.T. -0.04 min
Lab File: VD060343.D
Acq: 12 Nov 2018 17:54

Tgt Ion:113 Resp: 778832
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 20.4 16.5 24.7



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 804

Delta R.T. -0.03 min

Lab File: VD060343.D

Acq: 12 Nov 2018 17:54

Instrument :

MSVOA_D

ClientSampled :

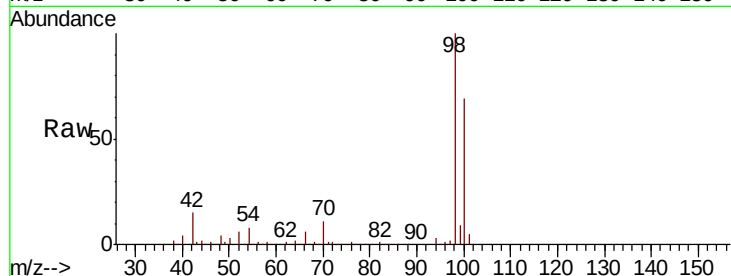
TP-3-S

Tot Ion: 98 Resp: 2081600

Ion Ratio Lower Upper

98 100

100 68.5 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.44

1000000

800000

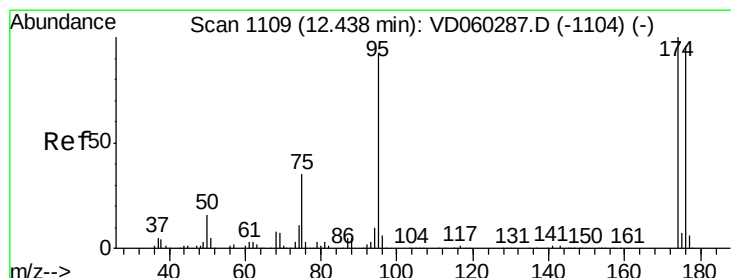
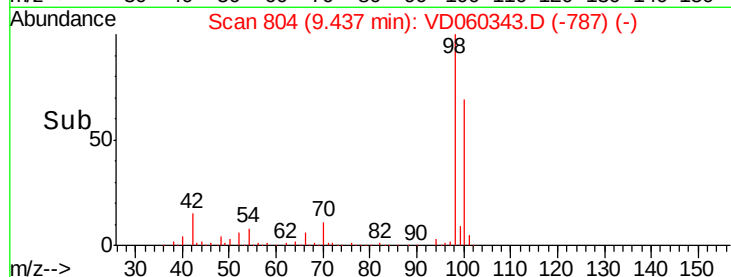
600000

400000

200000

0

Time--> 9.30 9.40 9.50 9.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060343.D

Acq: 12 Nov 2018 17:54

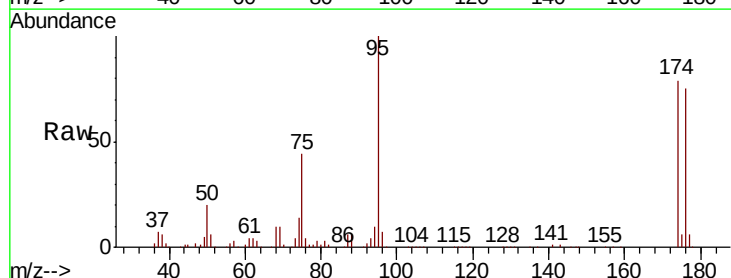
Tgt Ion: 95 Resp: 593352

Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.8

176 74.7 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

12.41

500000

400000

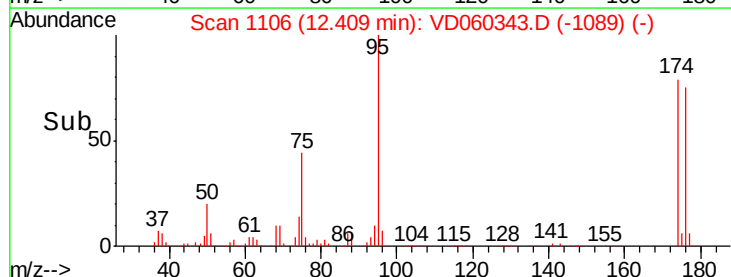
300000

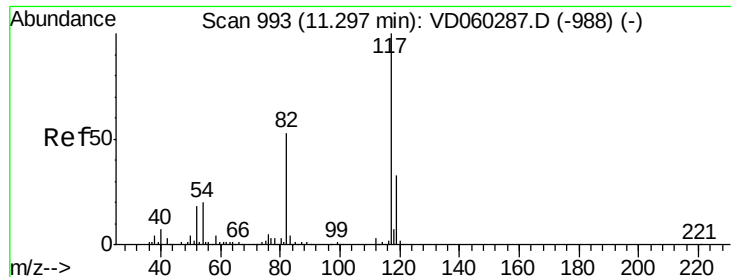
200000

100000

0

Time--> 12.30 12.40 12.50

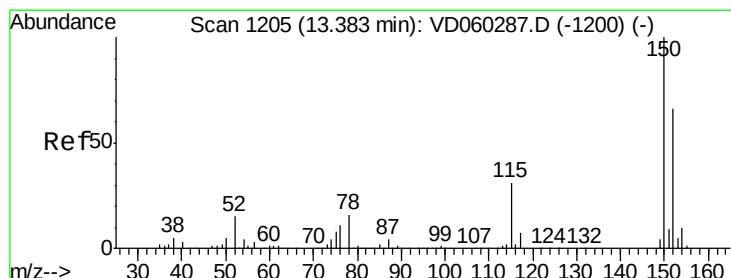
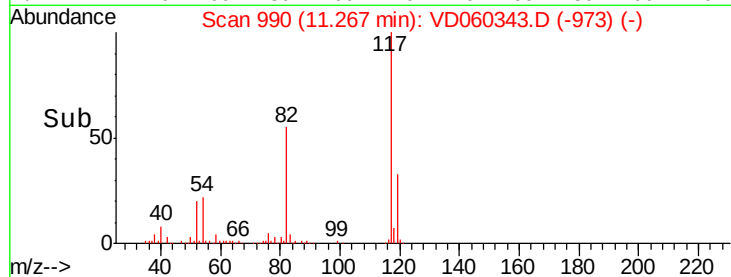
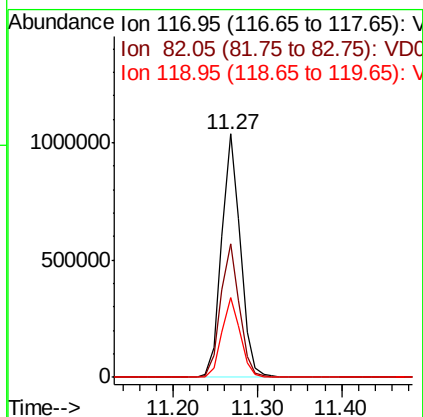
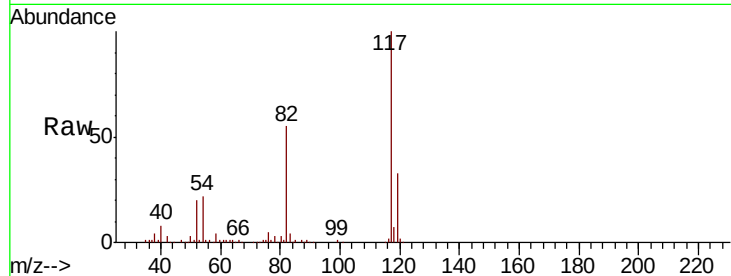




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060343.D
Acq: 12 Nov 2018 17:54

Instrument :
MSVOA_D
ClientSampled :
TP-3-S

Tot Ion:117 Resp: 1613811
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060343.D
Acq: 12 Nov 2018 17:54

Tgt Ion:152 Resp: 576419
Ion Ratio Lower Upper
152 100
115 46.5 24.1 72.3
150 152.4 0.0 310.6

