

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
 Data File : VD060564.D
 Acq On : 13 Dec 2018 16:42
 Operator : VA/AP
 Sample : J6373-01
 Misc : 5.51g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A-FRAME

Quant Time: Dec 14 01:48:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

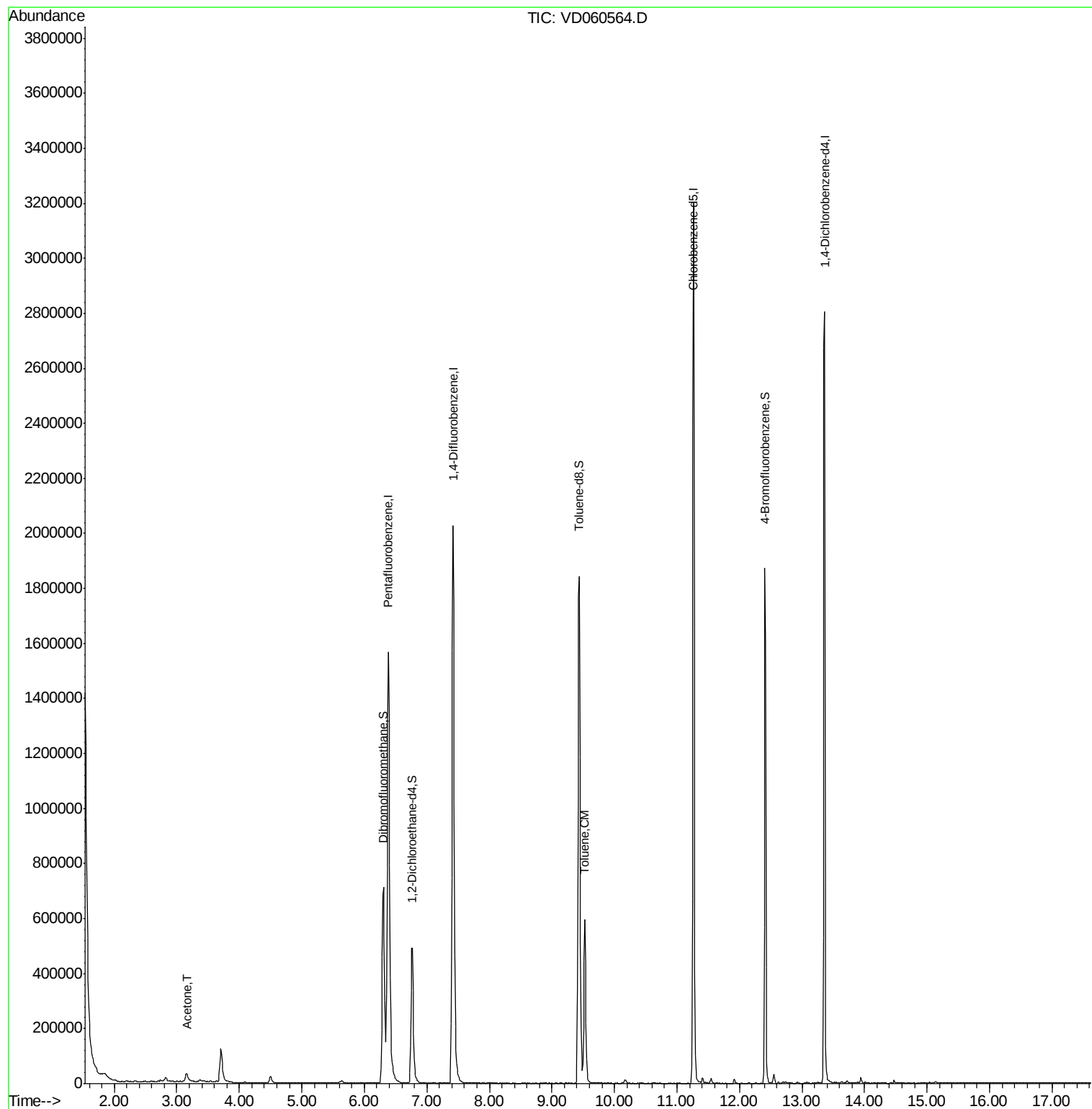
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1580185	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	2193799	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1690066	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	723387	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	414253	36.99	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	73.98%	
35) Dibromofluoromethane	6.31	113	593784	36.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.70%	
50) Toluene-d8	9.44	98	1555114	33.35	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	66.70%	
62) 4-Bromofluorobenzene	12.41	95	552030	33.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	66.16%	
Target Compounds						
16) Acetone	3.16	43	70282	39.147	ug/l	97
52) Toluene	9.52	92	296076	8.644	ug/l	98

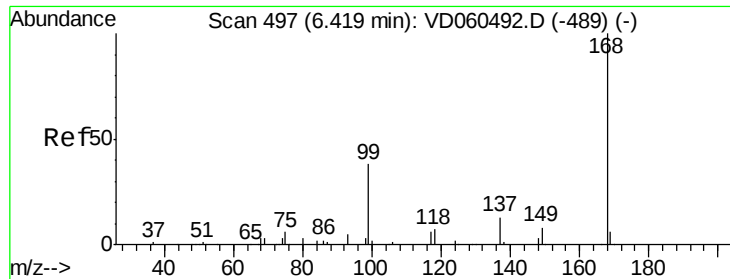
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. -0.03 min

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MSVOA_D

ClientSampleId :

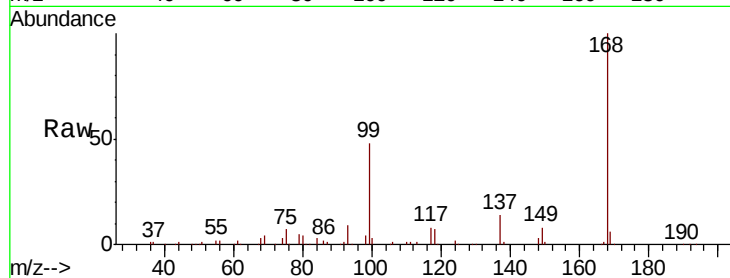
TP-A-FRAME

Tot Ion:168 Resp: 1580185

Ion Ratio Lower Upper

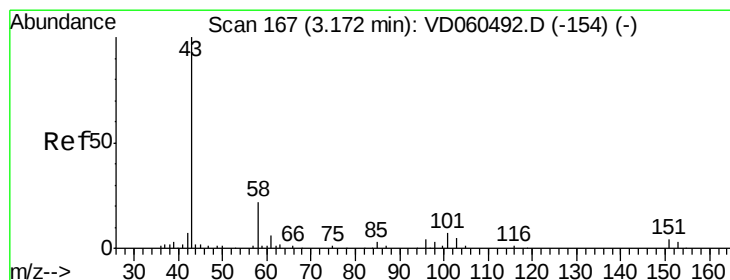
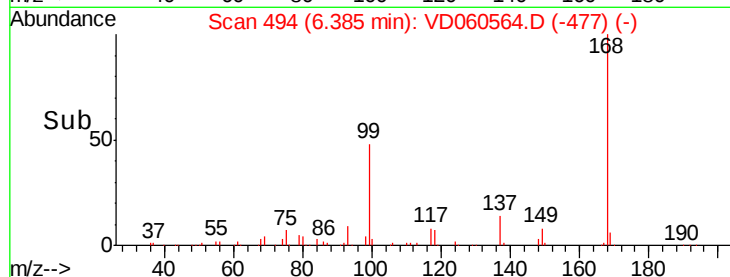
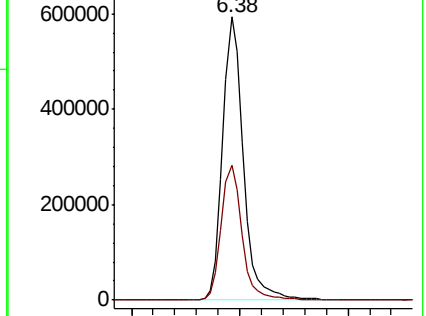
168 100

99 47.8 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 39.147 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060564.D

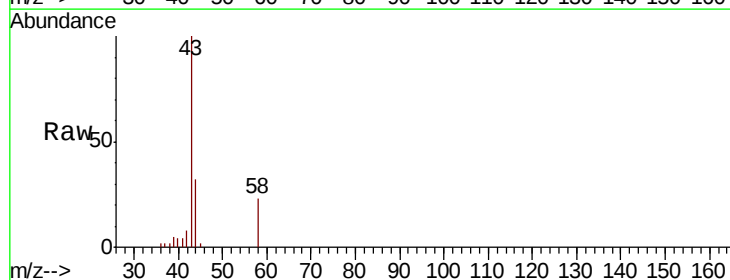
Acq: 13 Dec 2018 16:42

Tgt Ion: 43 Resp: 70282

Ion Ratio Lower Upper

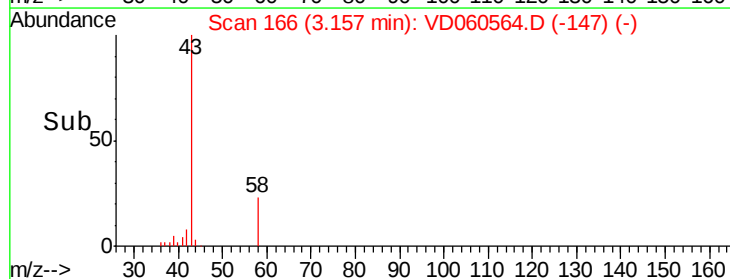
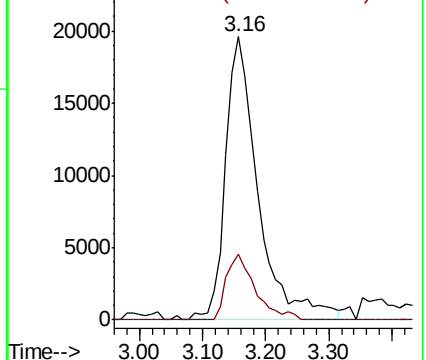
43 100

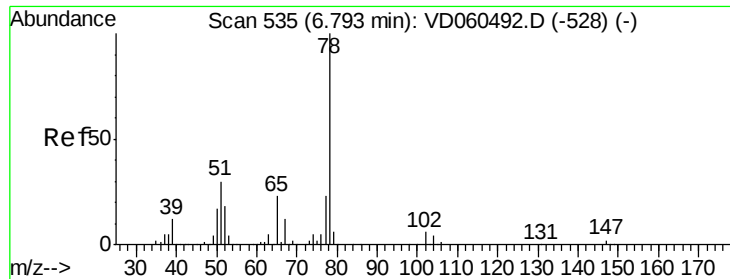
58 23.2 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.03 min

Lab File: VD060564.D

Acq: 13 Dec 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

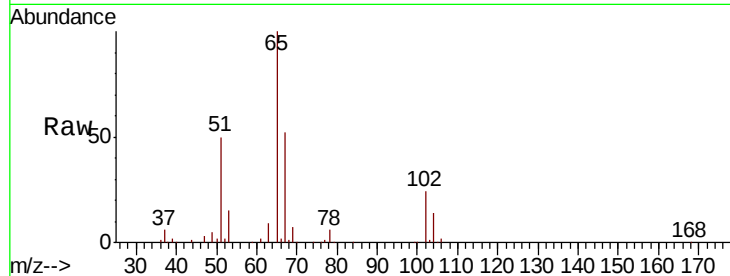
TP-A-FRAME

Tot Ion: 65 Resp: 414253

Ion Ratio Lower Upper

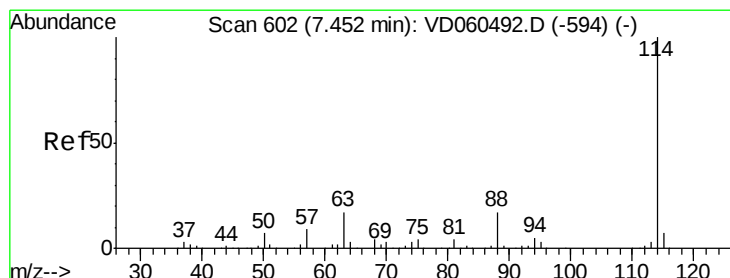
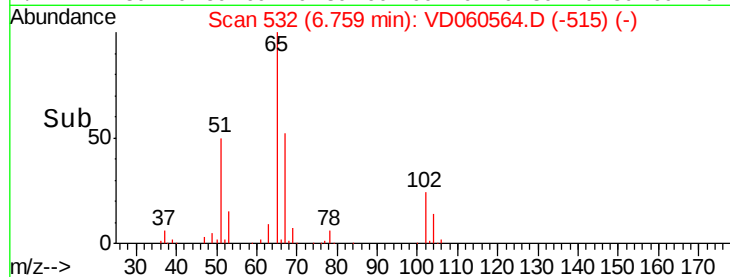
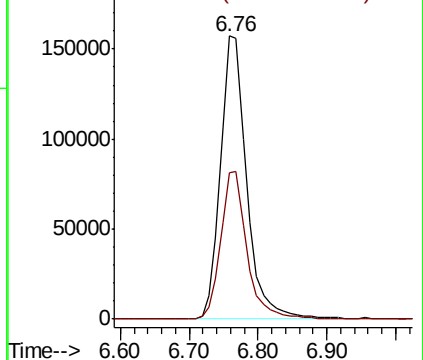
65 100

67 51.8 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 599

Delta R.T. -0.03 min

Lab File: VD060564.D

Acq: 13 Dec 2018 16:42

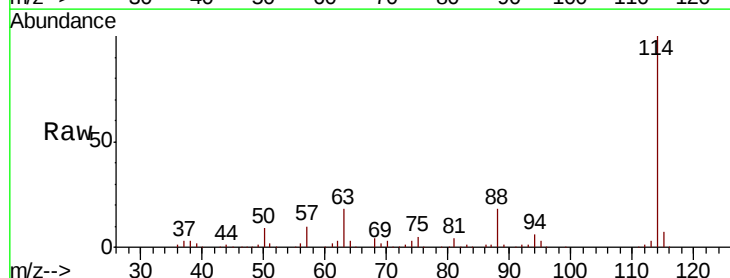
Tgt Ion: 114 Resp: 2193799

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.2

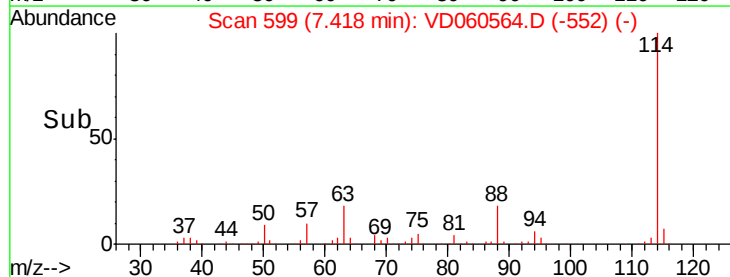
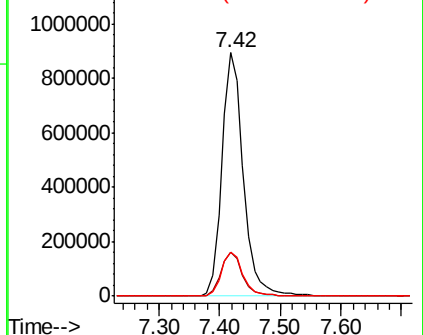
88 17.8 0.0 35.0

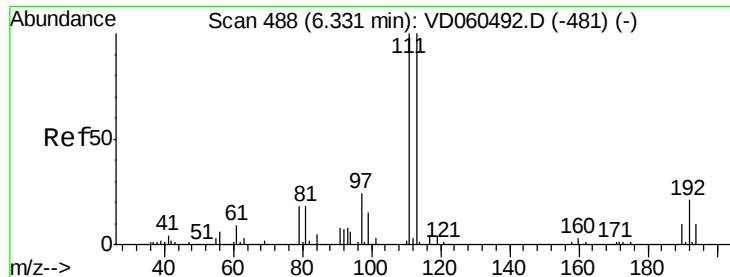


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 486

Delta R.T. -0.02 min

Lab File: VD060564.D

Acq: 13 Dec 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP-A-FRAME

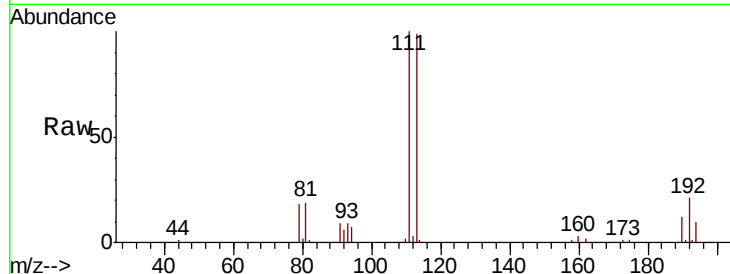
Tot Ion:113 Resp: 593784

Ion Ratio Lower Upper

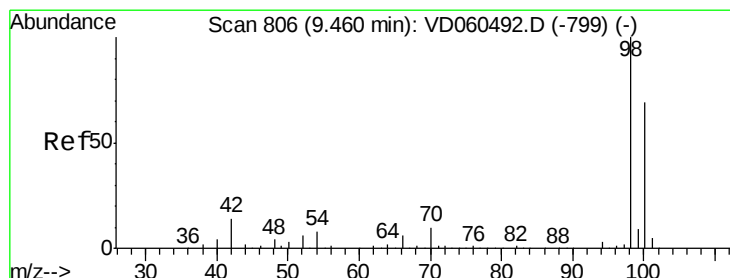
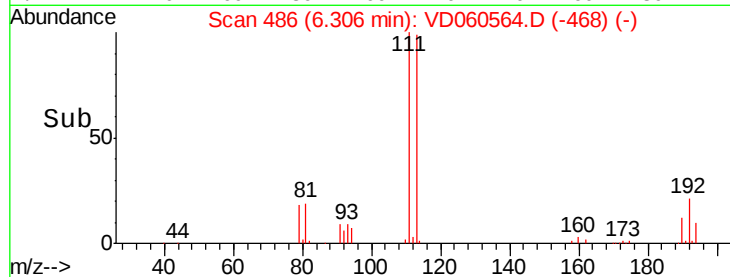
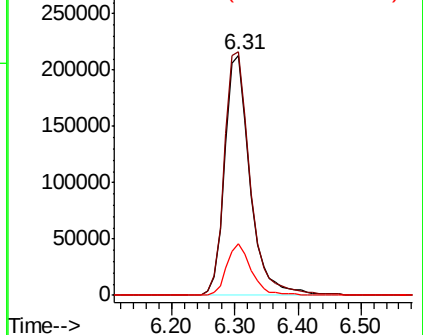
113 100

111 101.3 80.2 120.4

192 21.6 16.6 24.8



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. -0.02 min

Lab File: VD060564.D

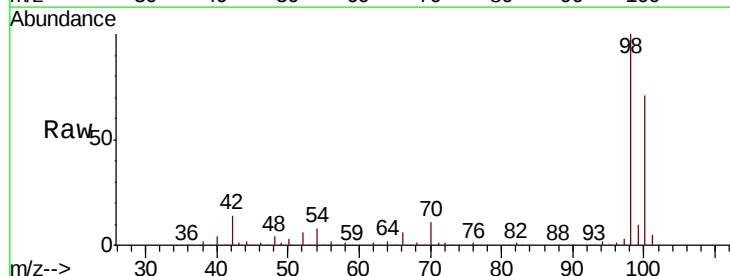
Acq: 13 Dec 2018 16:42

Tgt Ion: 98 Resp: 1555114

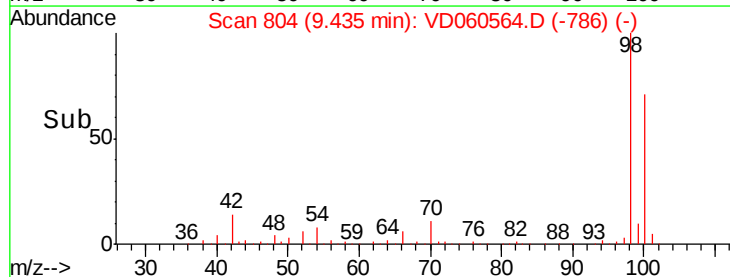
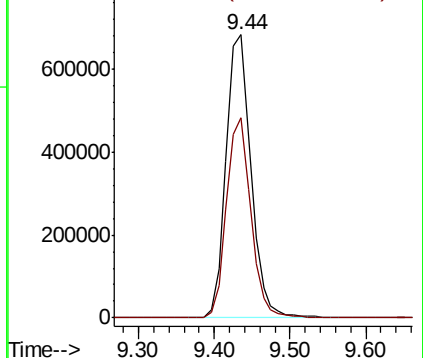
Ion Ratio Lower Upper

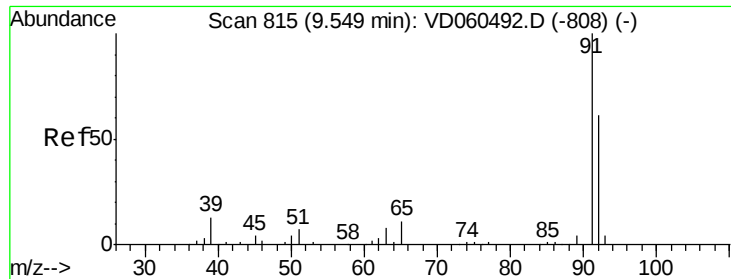
98 100

100 70.8 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 8.644 ug/l

RT: 9.52 min Scan# 813

Delta R.T. -0.02 min

Lab File: VD060564.D

Acq: 13 Dec 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

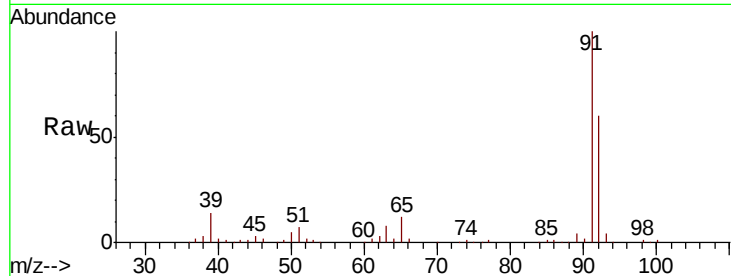
TP-A-FRAME

Tot Ion: 92 Resp: 296076

Ion Ratio Lower Upper

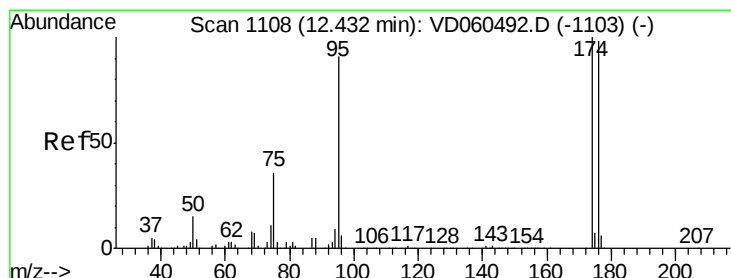
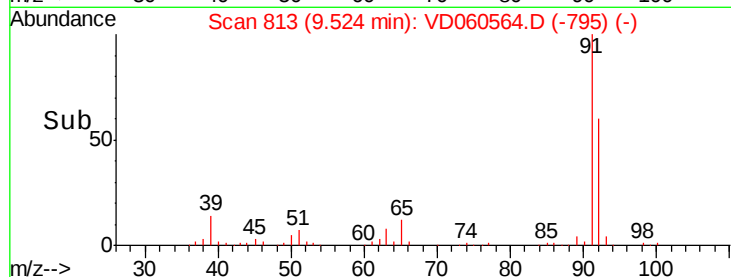
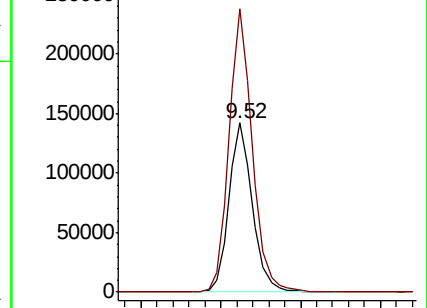
92 100

91 167.3 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VD060564.D

Acq: 13 Dec 2018 16:42

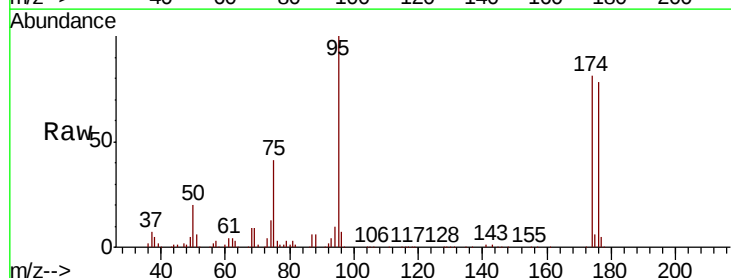
Tgt Ion: 95 Resp: 552030

Ion Ratio Lower Upper

95 100

174 81.3 0.0 219.4

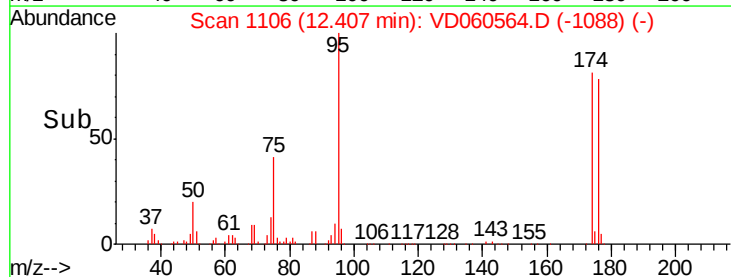
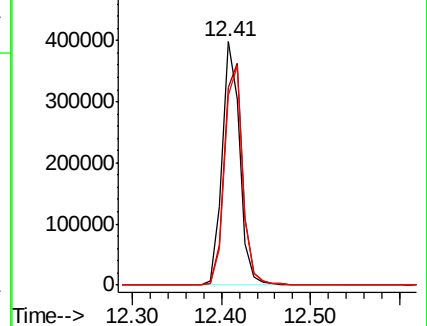
176 77.8 0.0 214.6

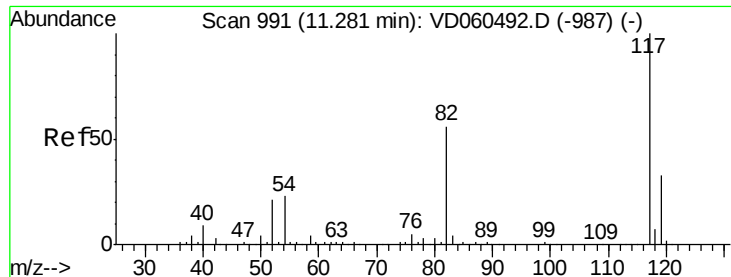


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

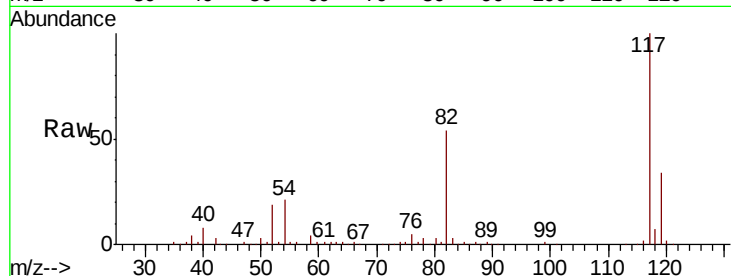




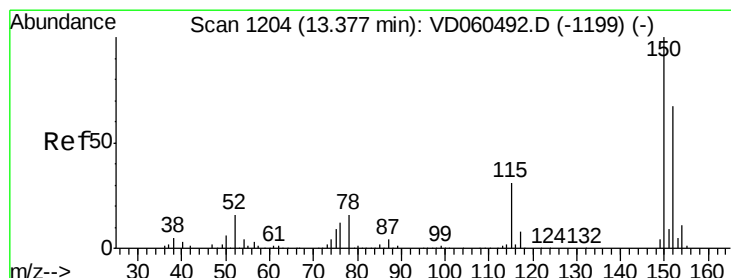
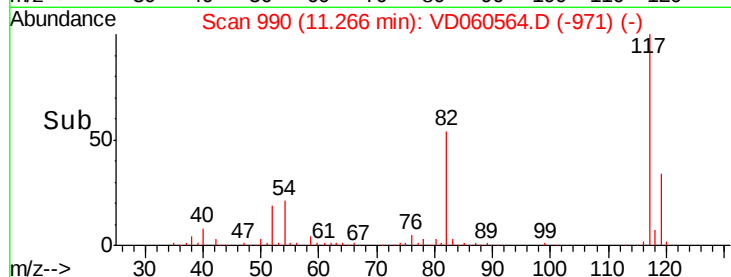
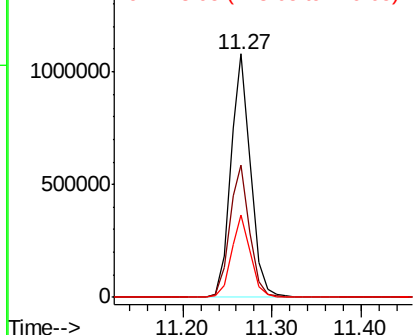
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.01 min
Lab File: VD060564.D
Acq: 13 Dec 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP-A-FRAME

Tot Ion:117 Resp: 1690066
Ion Ratio Lower Upper
117 100
82 54.5 45.2 67.8
119 33.6 26.1 39.1

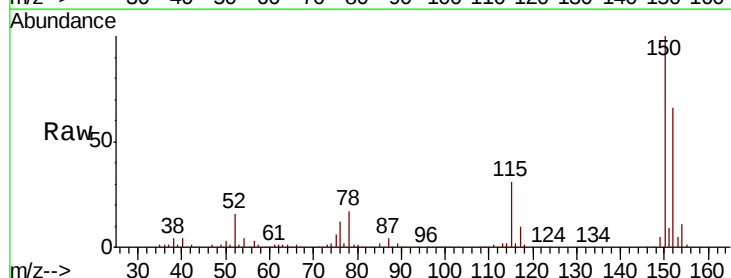


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060564.D
Acq: 13 Dec 2018 16:42

Tgt Ion:152 Resp: 723387
Ion Ratio Lower Upper
152 100
115 46.8 24.6 74.0
150 152.6 0.0 309.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

