

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
 Data File : VD060632.D
 Acq On : 19 Dec 2018 11:09
 Operator : VA/AP
 Sample : VD1219SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1219SBL01

Quant Time: Dec 20 00:55:18 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	6.41	168	1523312	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	2089860	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1730460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	875156	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	592589	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	6.33	113	823879	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	9.45	98	2295283	51.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.42	95	819035	51.53	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.06%	

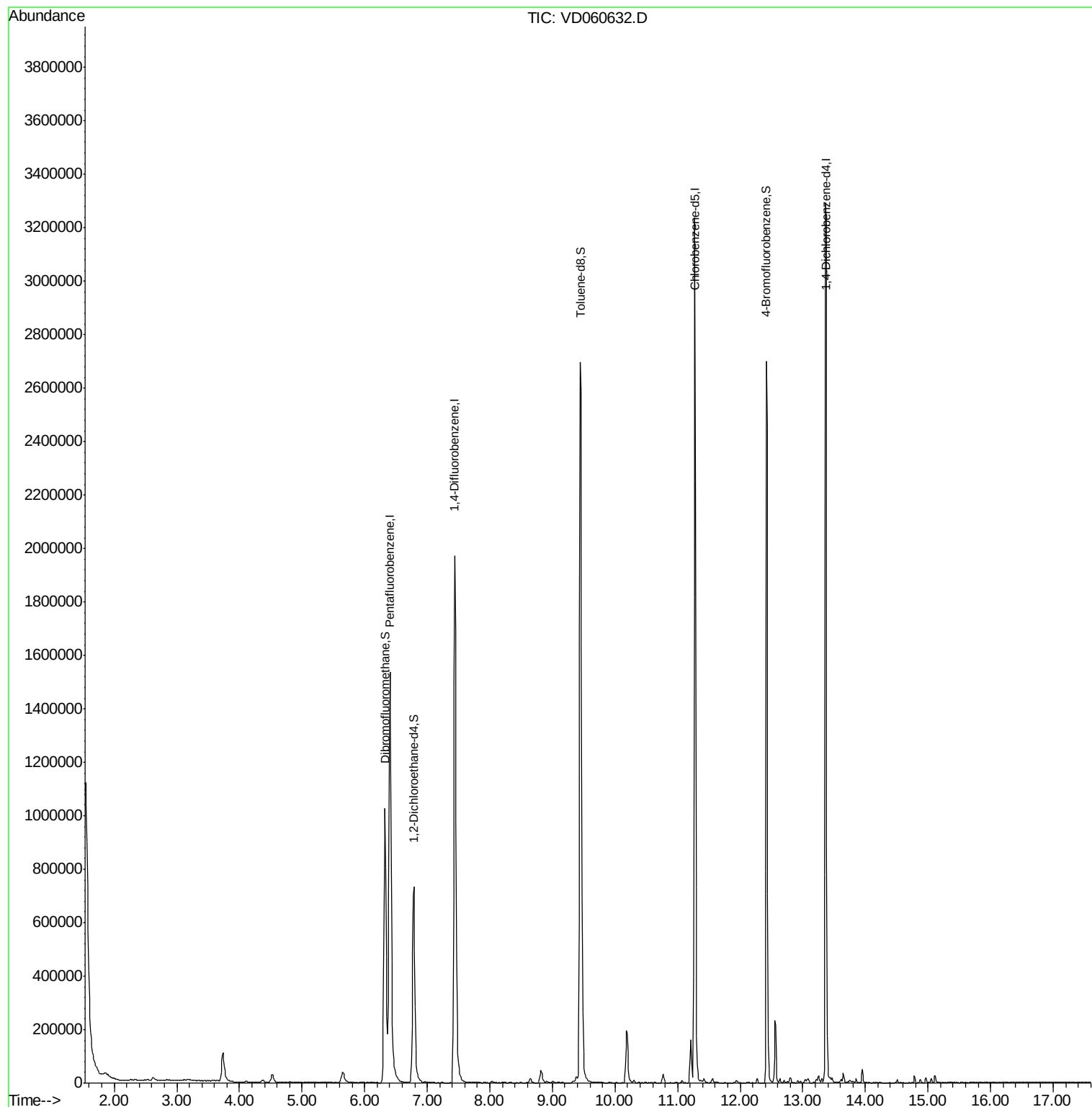
Target Compounds	Qvalue
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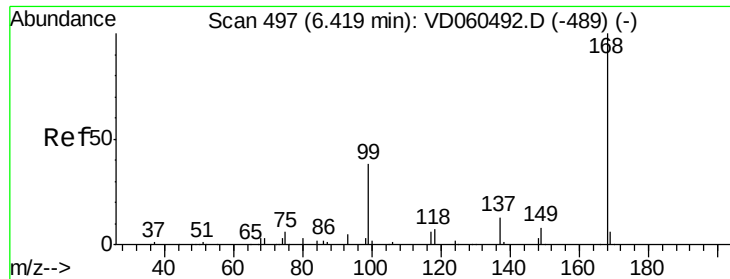
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.01 min

Lab File: VD060632.D

Acq: 19 Dec 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

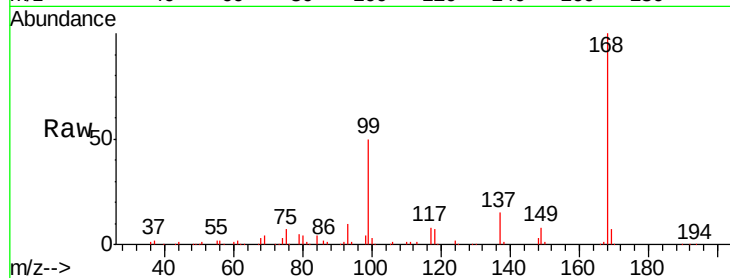
VD1219SBL01

Tgt Ion:168 Resp: 1523312

Ion Ratio Lower Upper

168 100

99 50.4 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

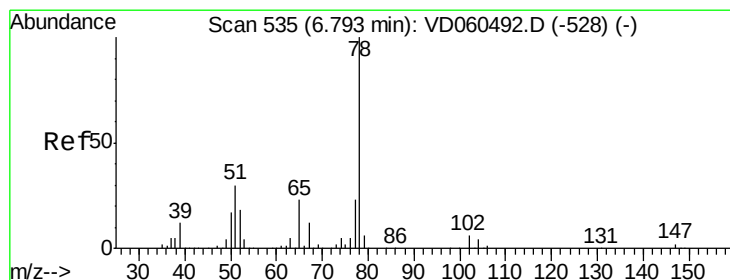
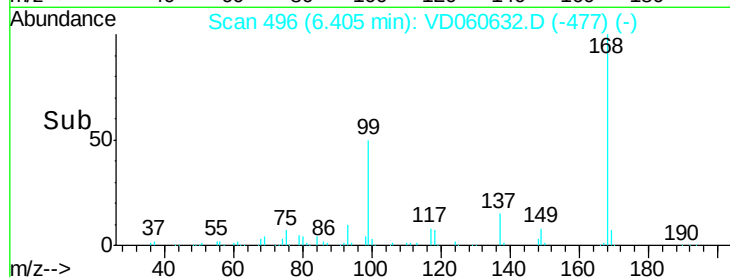
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.00 min

Lab File: VD060632.D

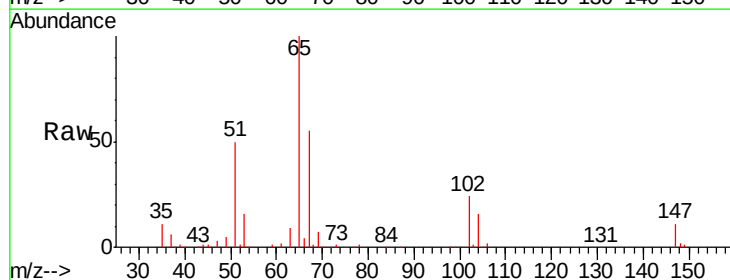
Acq: 19 Dec 2018 11:09

Tgt Ion: 65 Resp: 592589

Ion Ratio Lower Upper

65 100

67 55.0 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.79

250000

200000

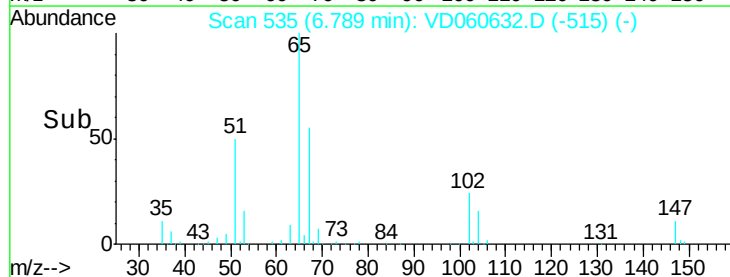
150000

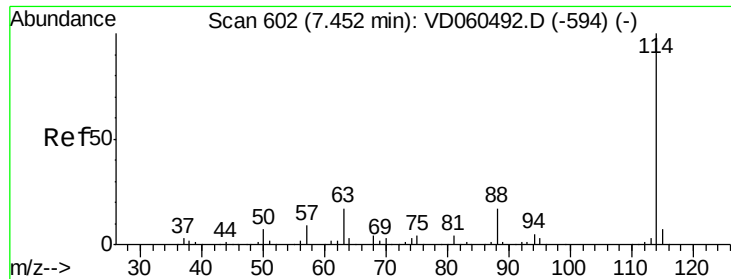
100000

50000

0

Time-->

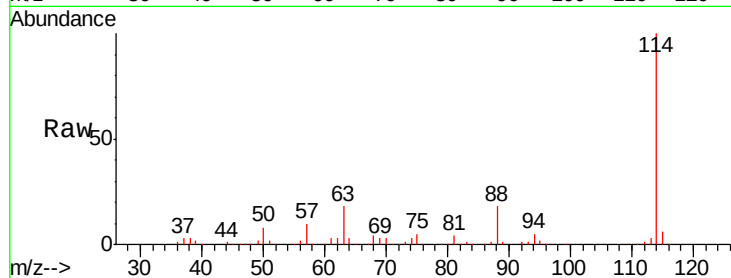




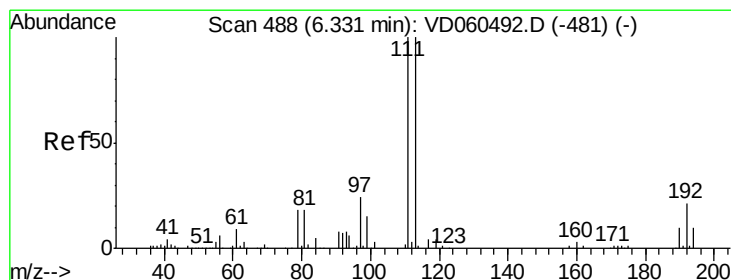
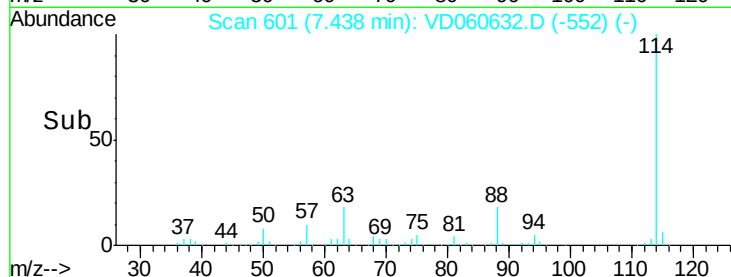
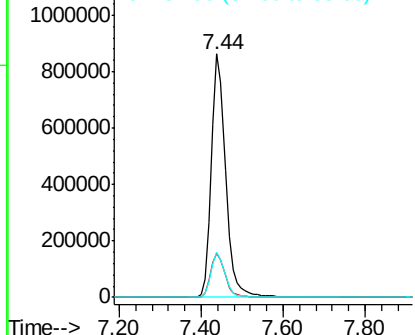
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VD060632.D
 Acq: 19 Dec 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1219SBL01

Tgt Ion:114 Resp: 2089860
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.2
 88 18.3 0.0 35.0

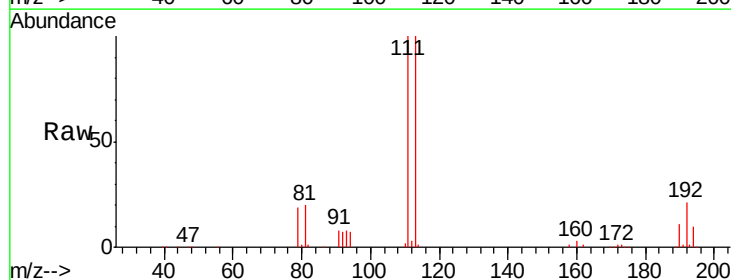


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

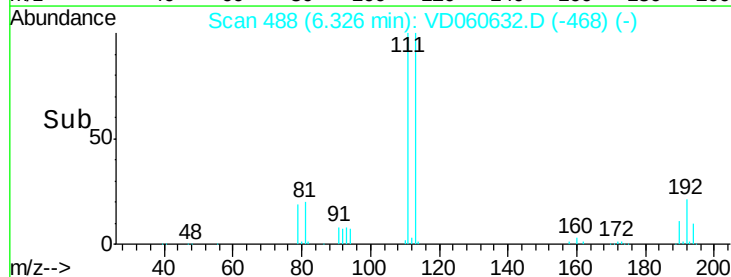
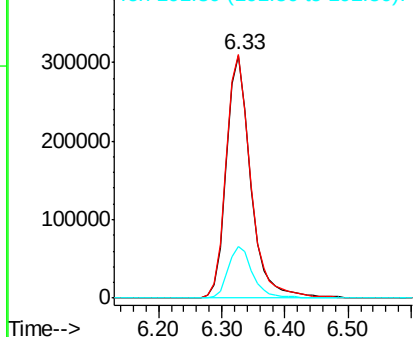


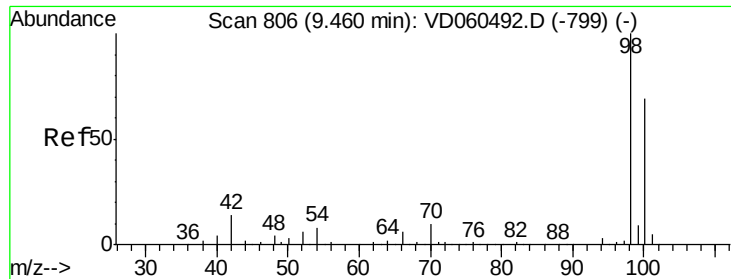
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: VD060632.D
 Acq: 19 Dec 2018 11:09

Tgt Ion:113 Resp: 823879
 Ion Ratio Lower Upper
 113 100
 111 100.3 80.2 120.4
 192 21.5 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

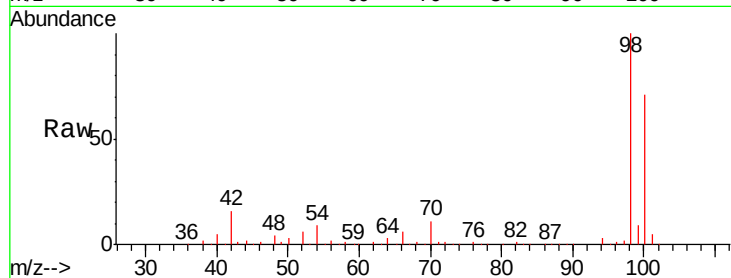




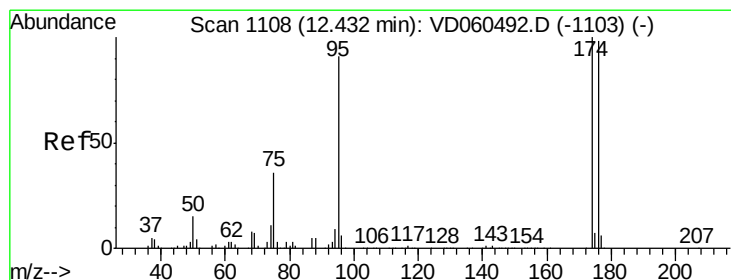
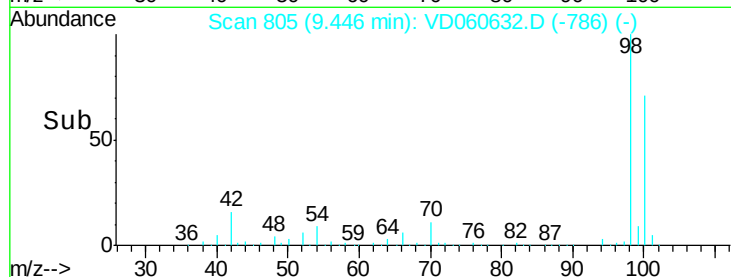
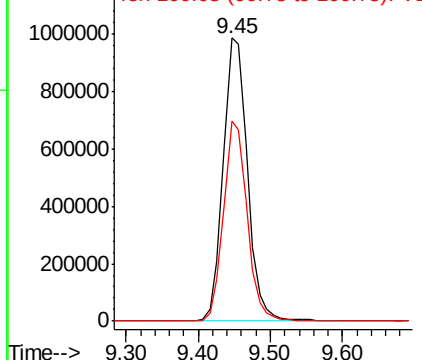
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. -0.01 min
Lab File: VD060632.D
Acq: 19 Dec 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VD1219SBL01

Tgt Ion: 98 Resp: 2295283
Ion Ratio Lower Upper
98 100
100 70.9 55.7 83.5

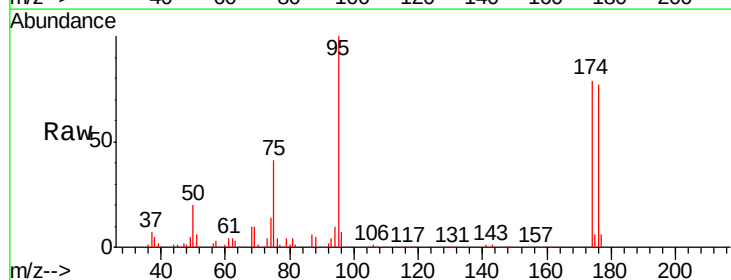


Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)
Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

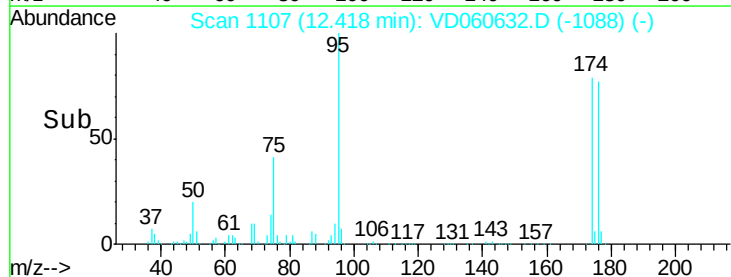
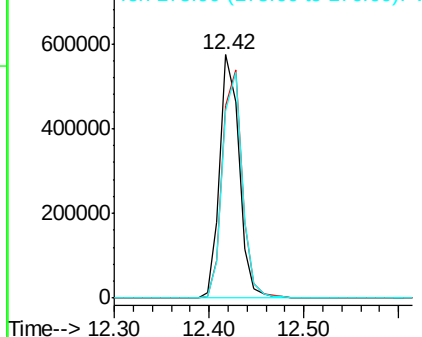


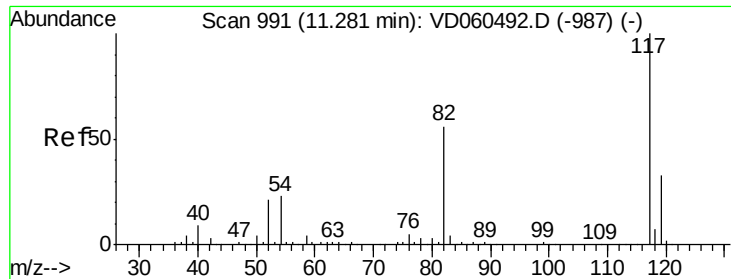
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD060632.D
Acq: 19 Dec 2018 11:09

Tgt Ion: 95 Resp: 819035
Ion Ratio Lower Upper
95 100
174 78.9 0.0 219.4
176 77.2 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)
Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)
Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

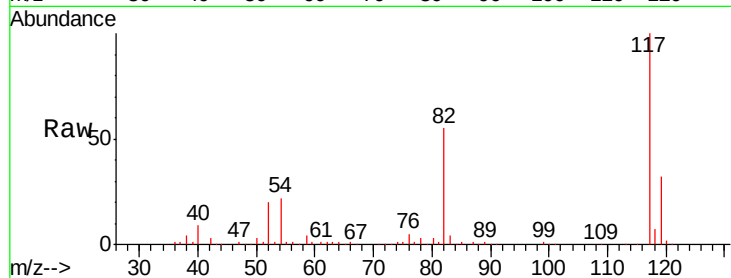




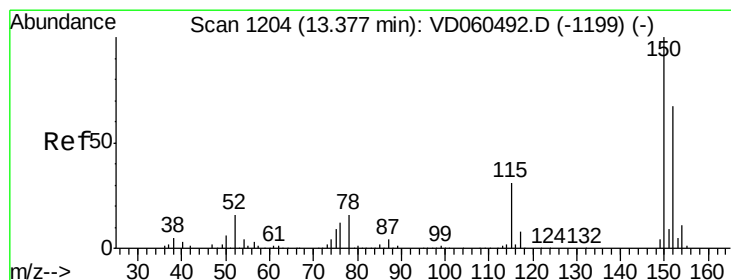
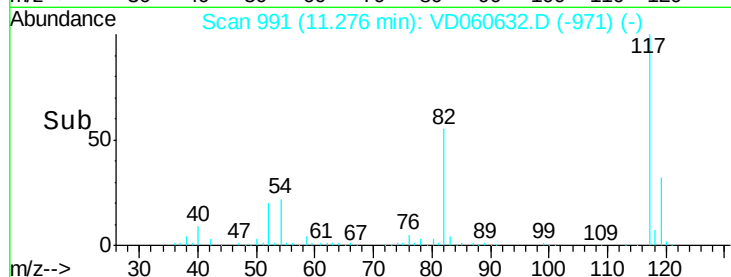
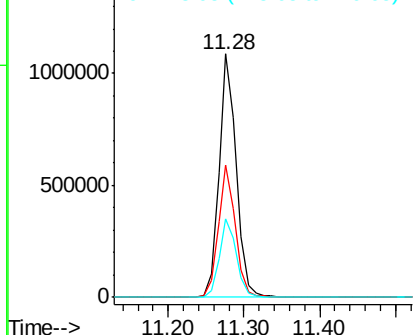
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VD060632.D
Acq: 19 Dec 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VD1219SBL01

Tgt Ion:117 Resp: 1730460
Ion Ratio Lower Upper
117 100
82 54.5 45.2 67.8
119 32.3 26.1 39.1

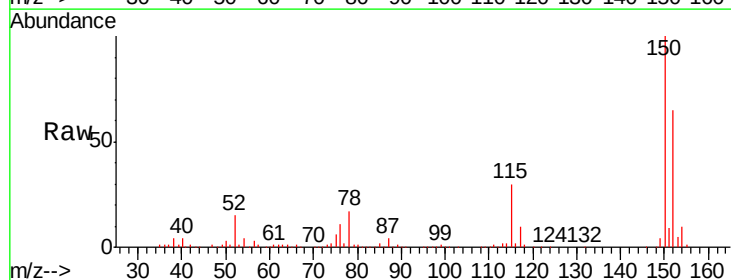


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VD060632.D
Acq: 19 Dec 2018 11:09

Tgt Ion:152 Resp: 875156
Ion Ratio Lower Upper
152 100
115 46.7 24.6 74.0
150 154.8 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

