

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061747.D
 Acq On : 11 Apr 2019 18:06
 Operator : VA/AP
 Sample : K2346-01
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-229

Quant Time: Apr 12 02:12:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

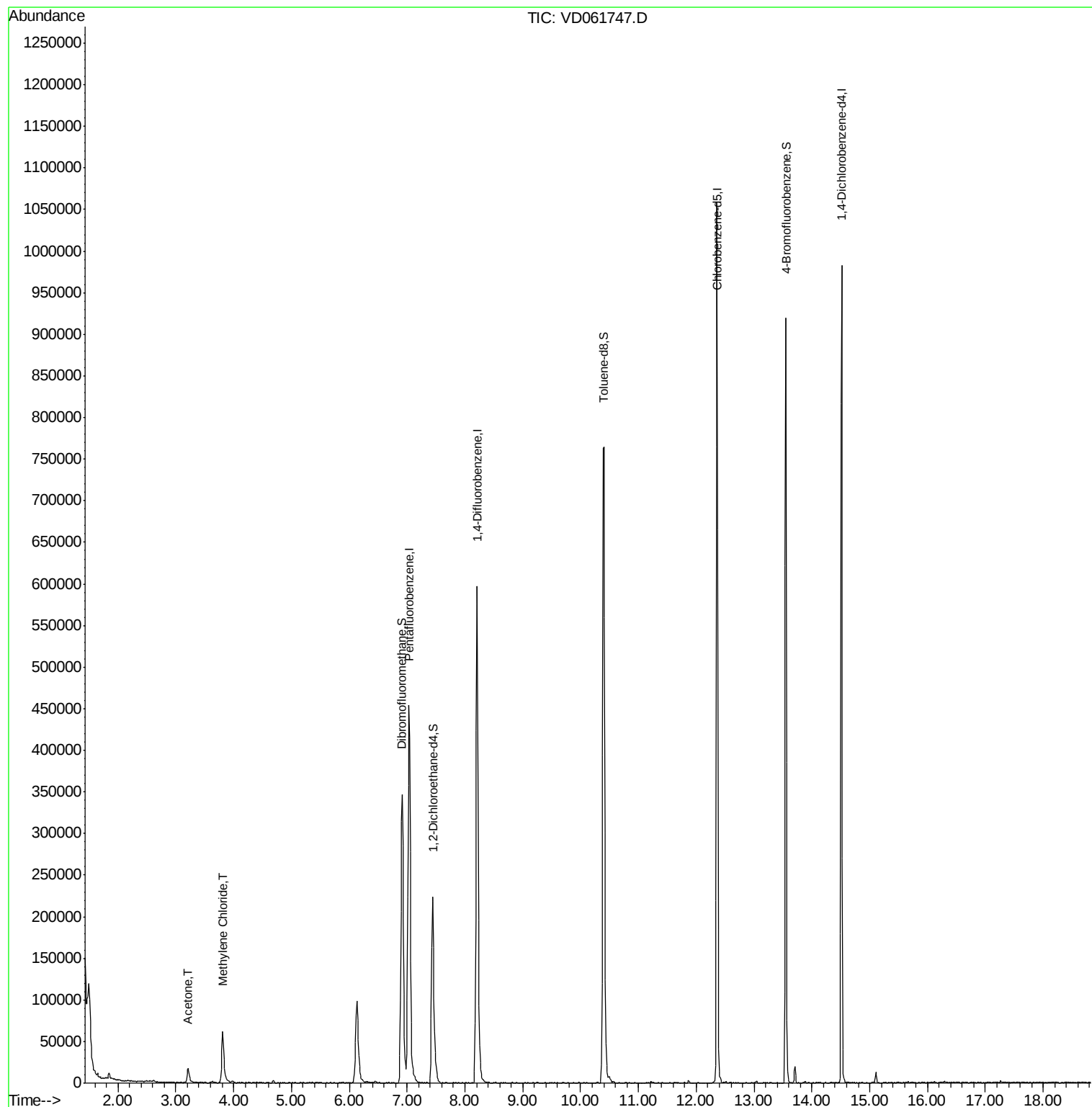
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	463604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	758994	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	657179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	245608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	231390	65.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.70%	
35) Dibromofluoromethane	6.91	113	336951	64.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.16%	
50) Toluene-d8	10.40	98	721058	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
62) 4-Bromofluorobenzene	13.55	95	278242	63.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.80%	
Target Compounds						
16) Acetone	3.21	43	37317	35.524	ug/l	94
20) Methylene Chloride	3.81	84	48008	8.054	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061747.D

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Instrument :

MSVOA_D

ClientSampleId :

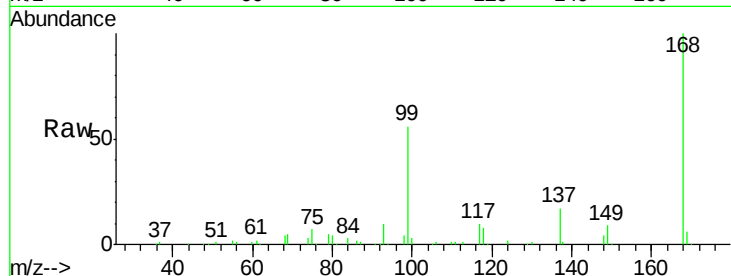
VNJ-229

Tot Ion:168 Resp: 463604

Ion Ratio Lower Upper

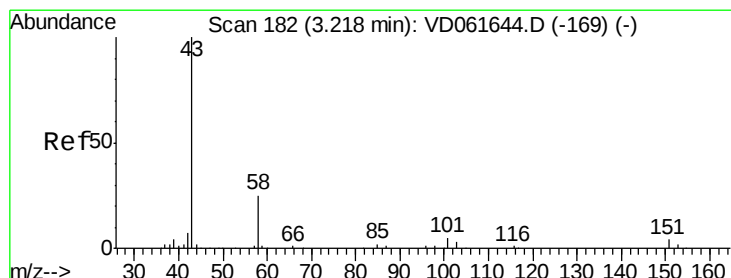
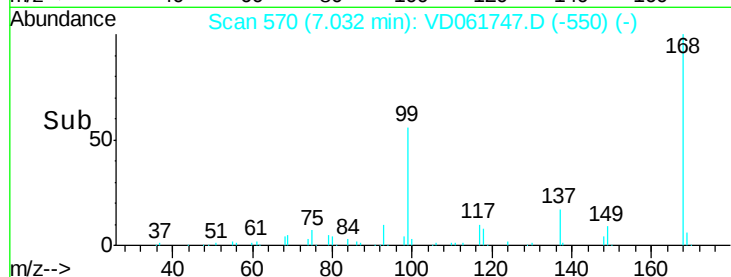
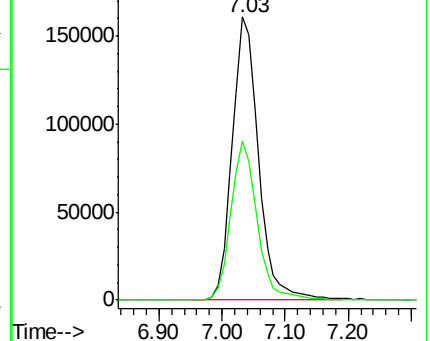
168 100

99 56.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 35.524 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061747.D

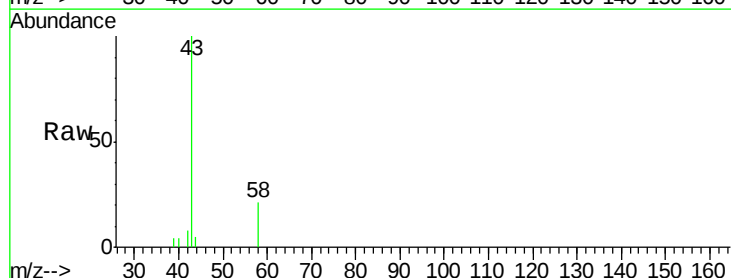
Acq: 11 Apr 2019 18:06

Tgt Ion: 43 Resp: 37317

Ion Ratio Lower Upper

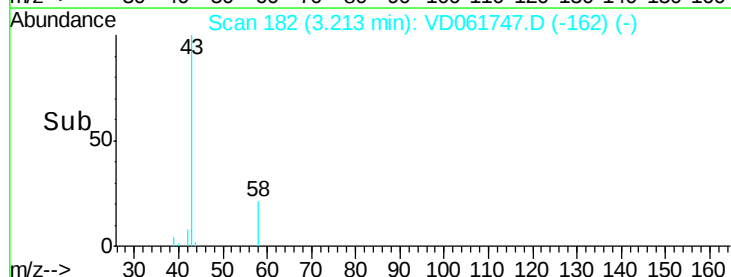
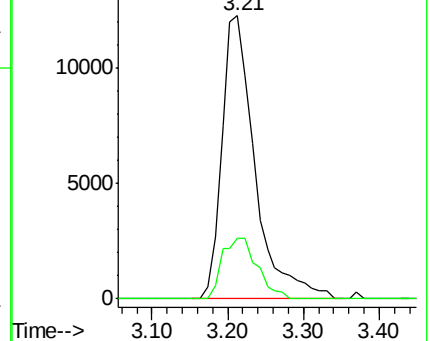
43 100

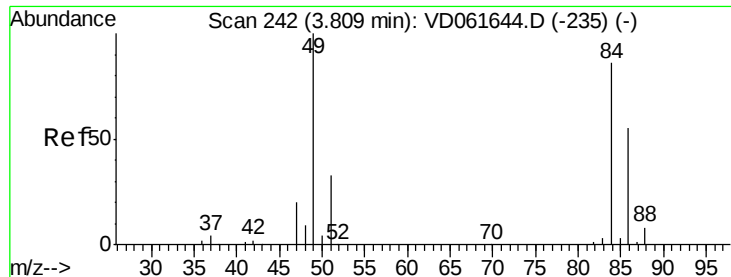
58 21.4 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

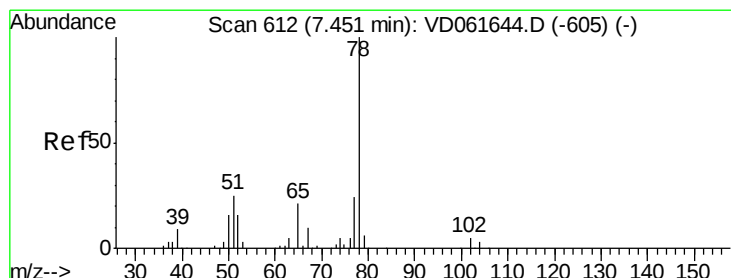
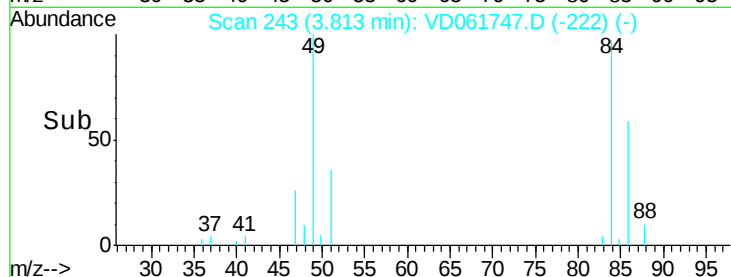
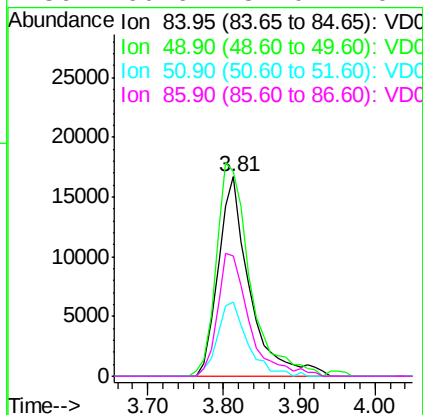
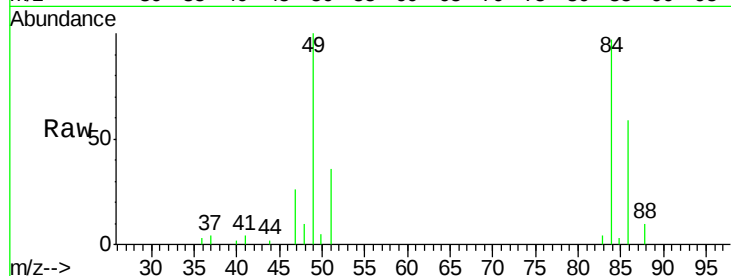




#20
Methylene Chloride
Concen: 8.054 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

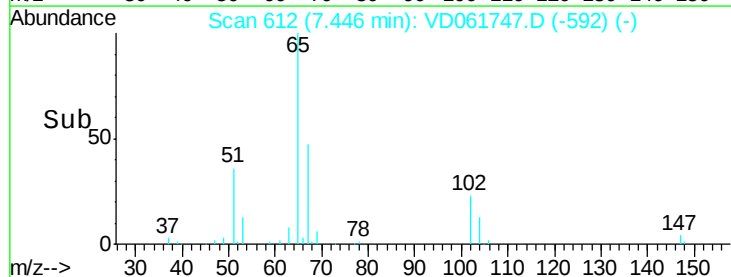
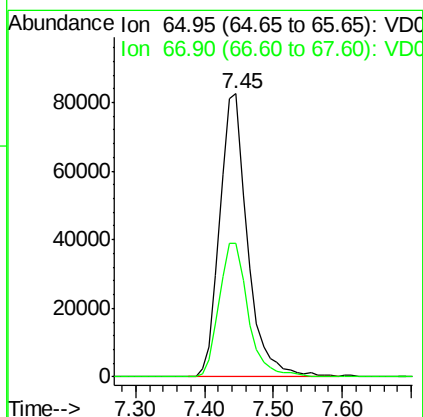
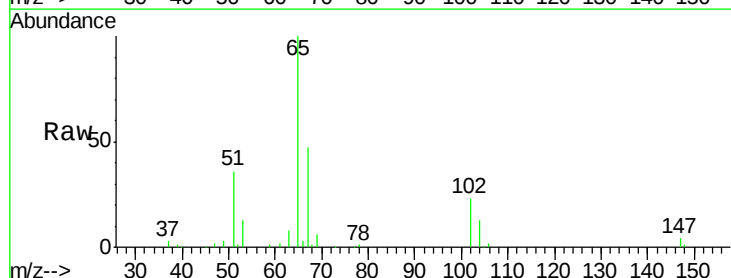
Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

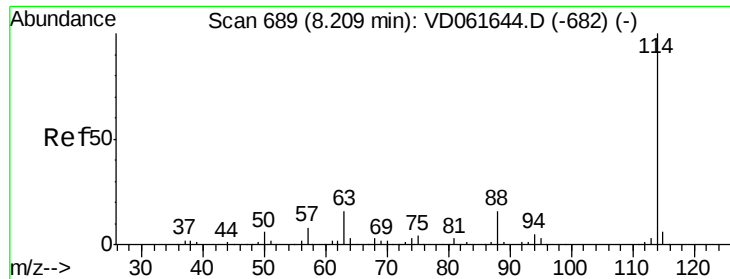
Tot Ion: 84 Resp: 48008
Ion Ratio Lower Upper
84 100
49 102.9 93.0 139.4
51 37.0 30.4 45.6
86 60.6 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

Tgt Ion: 65 Resp: 231390
Ion Ratio Lower Upper
65 100
67 47.2 0.0 99.4

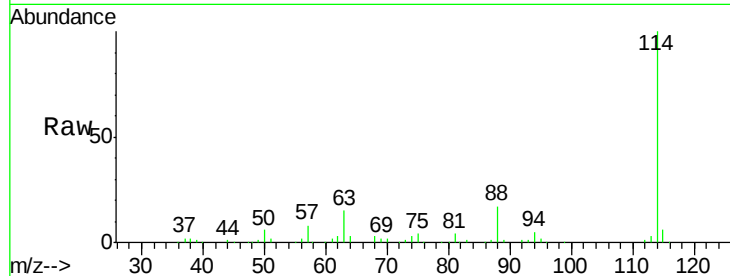




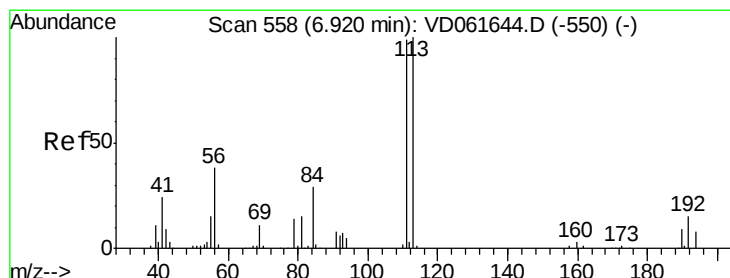
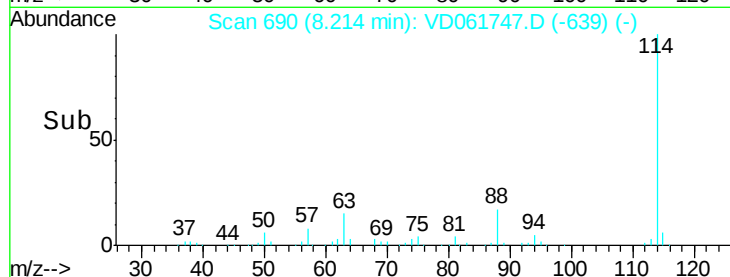
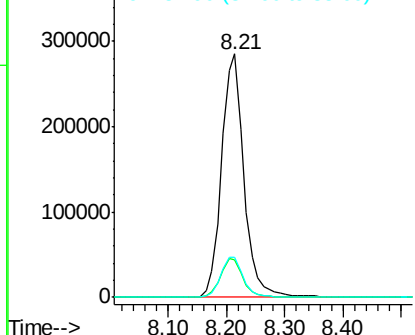
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061747.D
 Acq: 11 Apr 2019 18:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-229

Tot Ion:114 Resp: 758994
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.2
 88 16.5 0.0 31.8

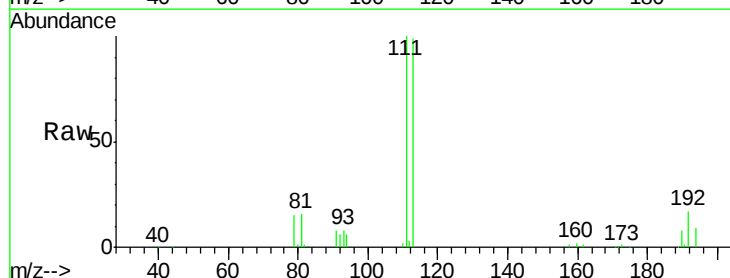


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

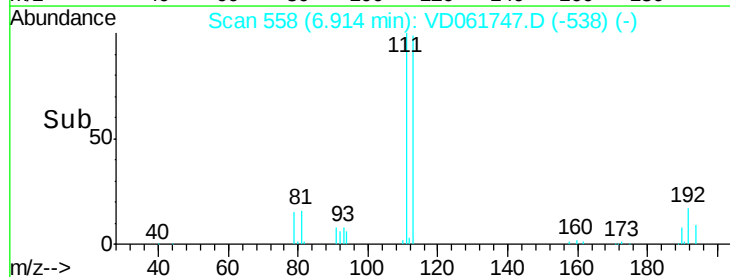
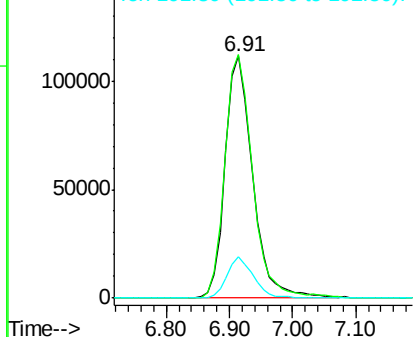


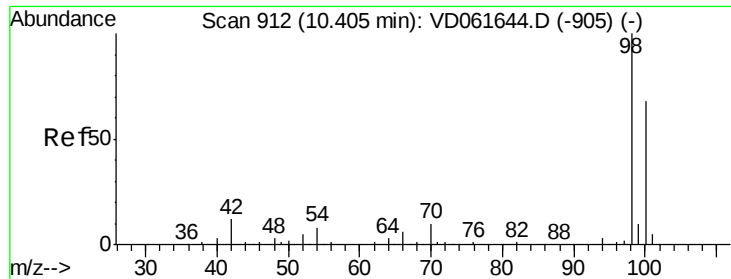
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061747.D
 Acq: 11 Apr 2019 18:06

Tgt Ion:113 Resp: 336951
 Ion Ratio Lower Upper
 113 100
 111 100.7 79.3 118.9
 192 16.9 12.3 18.5



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

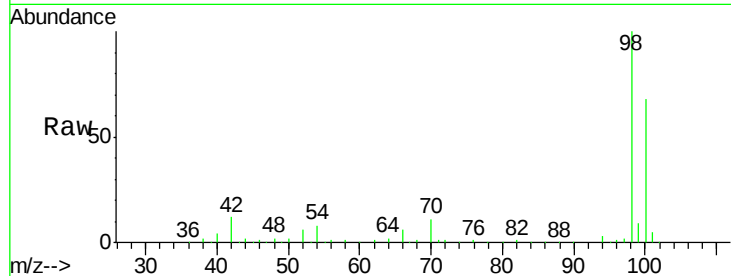




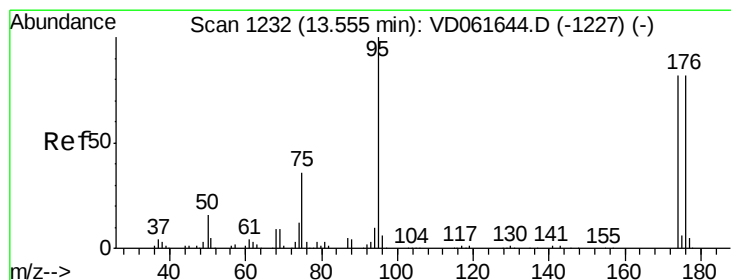
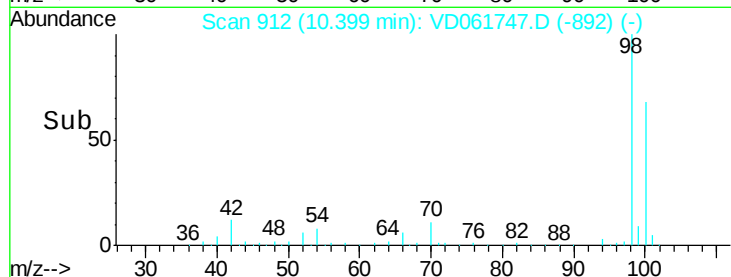
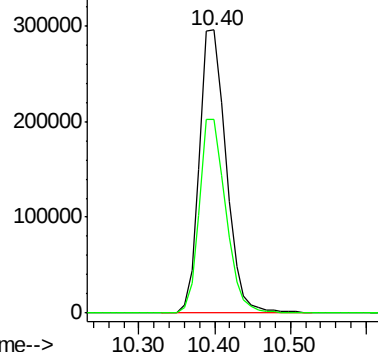
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

Tot Ion: 98 Resp: 721058
Ion Ratio Lower Upper
98 100
100 68.3 55.4 83.0

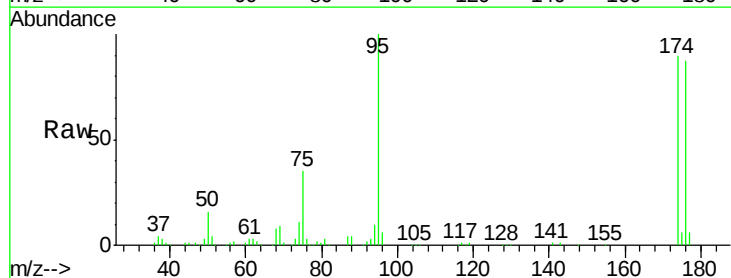


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

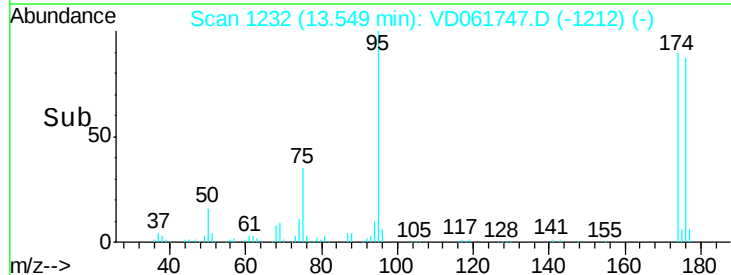
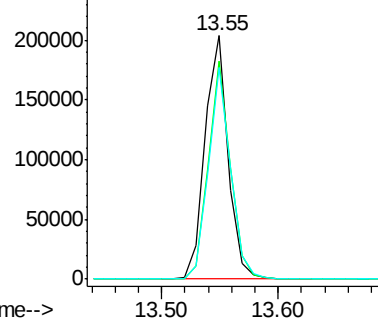


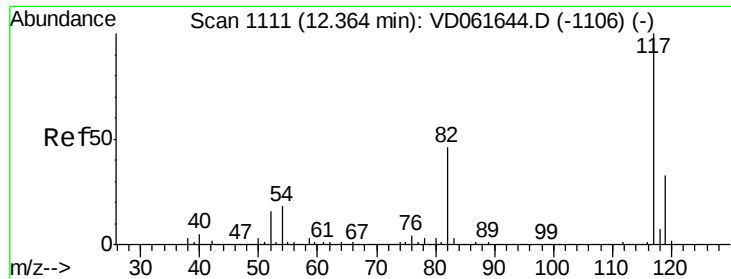
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061747.D
Acq: 11 Apr 2019 18:06

Tgt Ion: 95 Resp: 278242
Ion Ratio Lower Upper
95 100
174 89.7 0.0 164.6
176 86.8 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

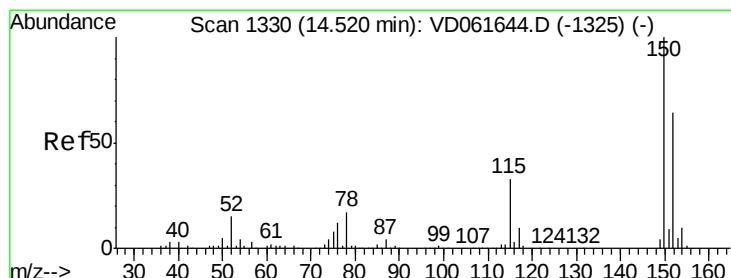
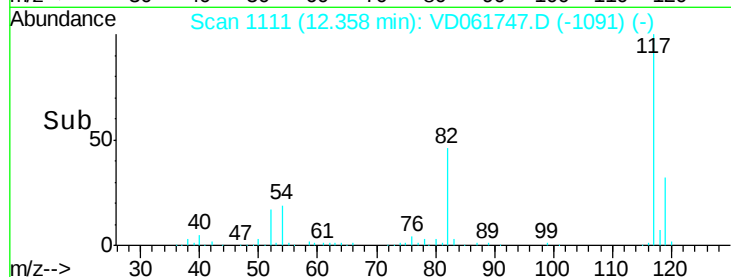
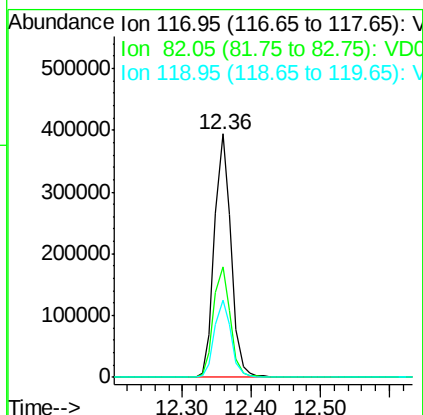
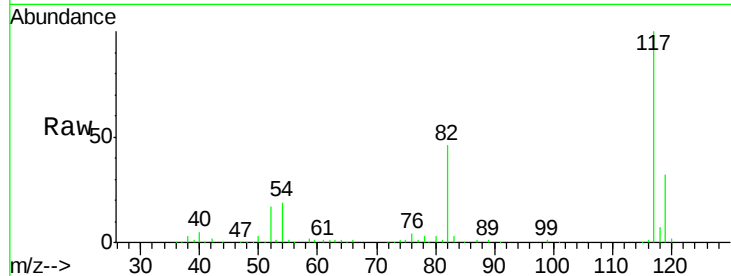




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD061747.D
 Acq: 11 Apr 2019 18:06

Instrument :
 MSVOA_D
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 VNJ-229

Tot Ion:117 Resp: 657179
 Ion Ratio Lower Upper
 117 100
 82 45.6 36.8 55.2
 119 31.6 26.1 39.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD061747.D
 Acq: 11 Apr 2019 18:06

Tgt Ion:152 Resp: 245608
 Ion Ratio Lower Upper
 152 100
 115 53.0 26.4 79.2
 150 155.4 0.0 320.6

