

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061776.D
 Acq On : 12 Apr 2019 14:12
 Operator : VA/AP
 Sample : K2346-01RE
 Misc : 6.02g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-229RE

Quant Time: Apr 12 17:05:21 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

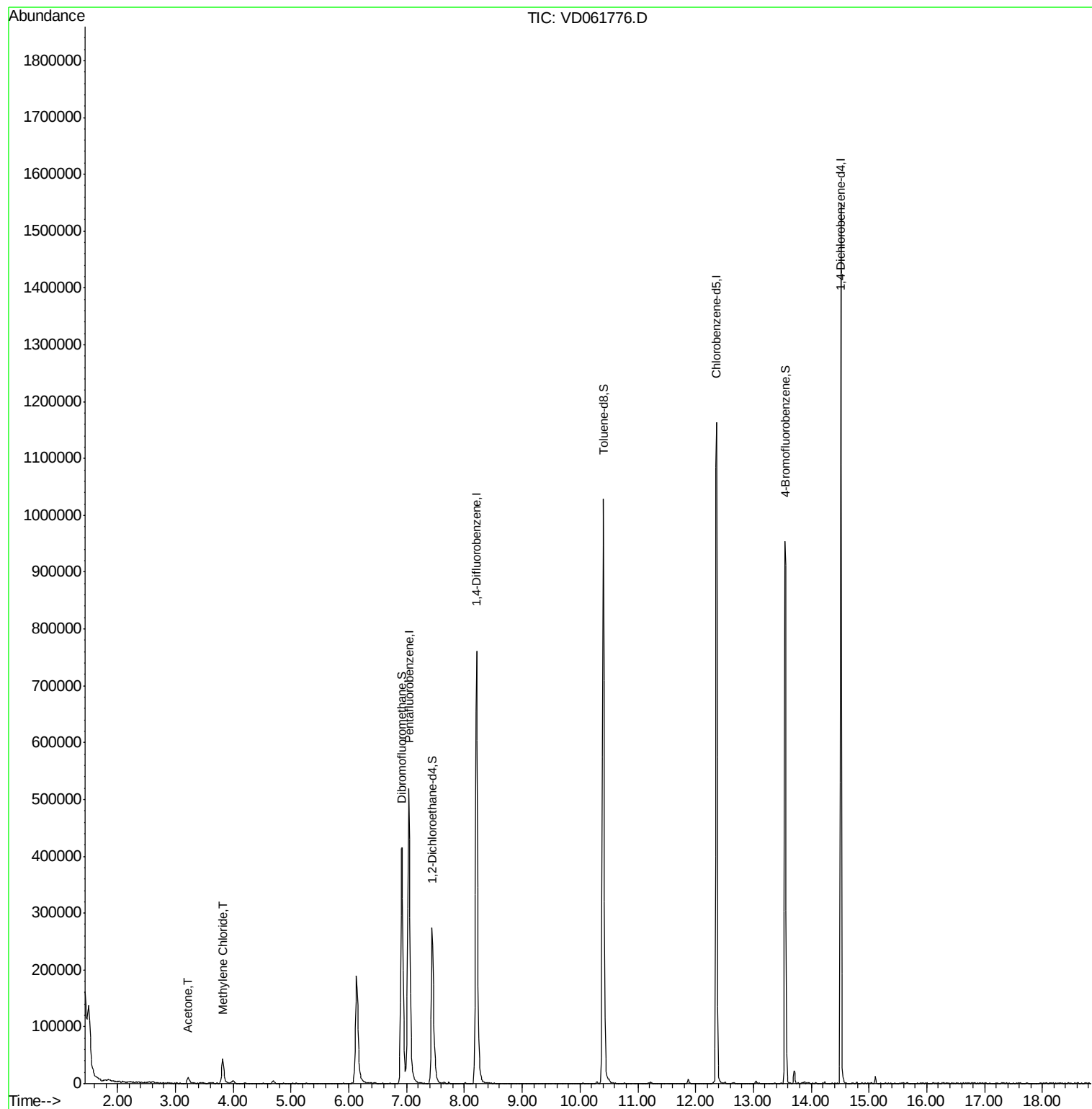
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	547516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	915041	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	764225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	366786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	266310	64.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.34%	
35) Dibromofluoromethane	6.92	113	417233	65.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.64%	
50) Toluene-d8	10.40	98	929030	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
62) 4-Bromofluorobenzene	13.54	95	330562	62.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.28%	
Target Compounds						
16) Acetone	3.22	43	22029	17.757	ug/l	94
20) Methylene Chloride	3.82	84	32757	4.653	ug/l #	92

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

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061776.D

Acq: 12 Apr 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

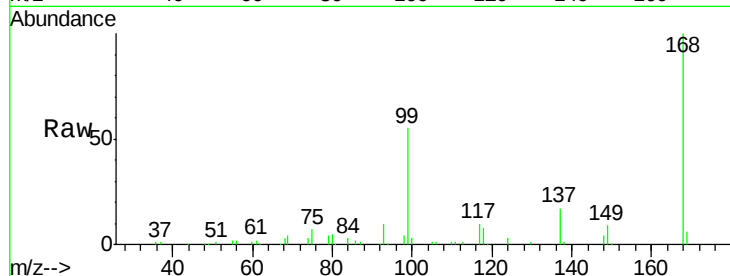
VNJ-229RE

Tot Ion:168 Resp: 547516

Ion Ratio Lower Upper

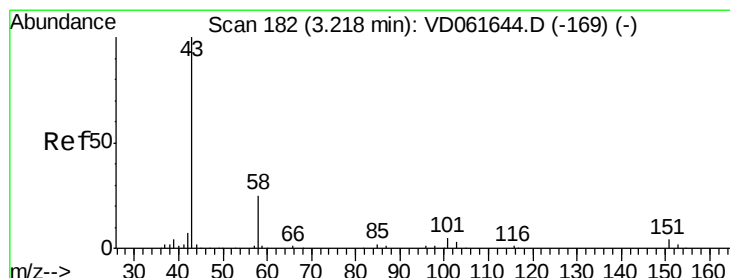
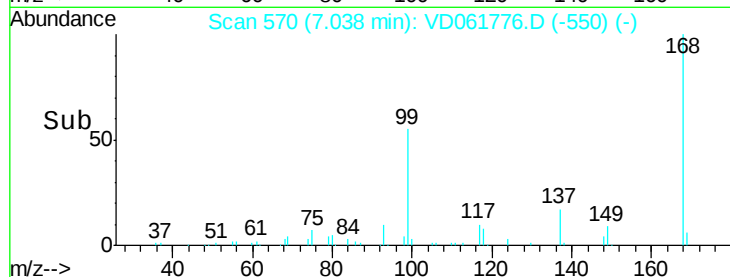
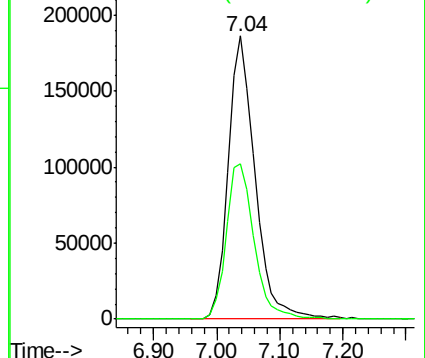
168 100

99 55.0 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: 17.757 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061776.D

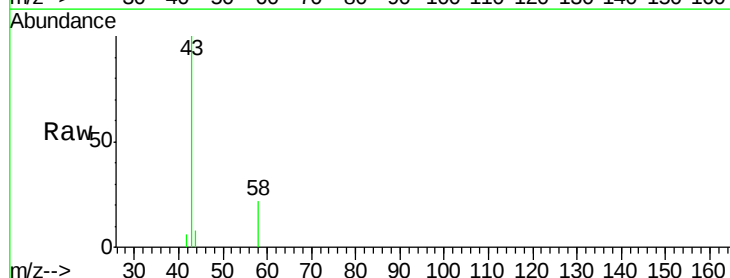
Acq: 12 Apr 2019 14:12

Tgt Ion: 43 Resp: 22029

Ion Ratio Lower Upper

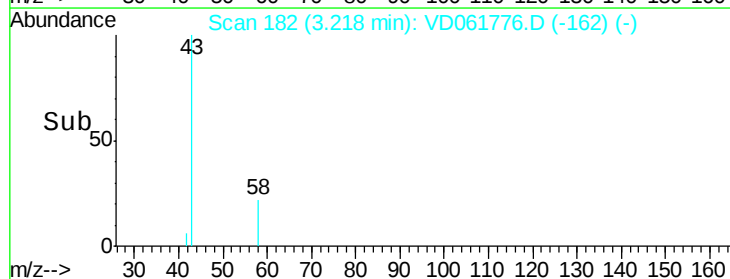
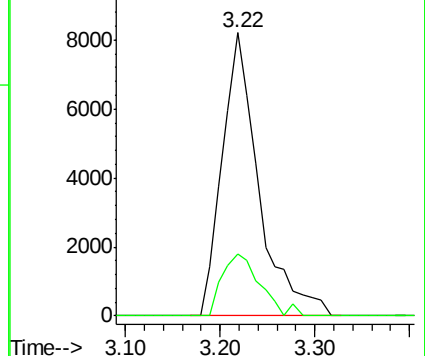
43 100

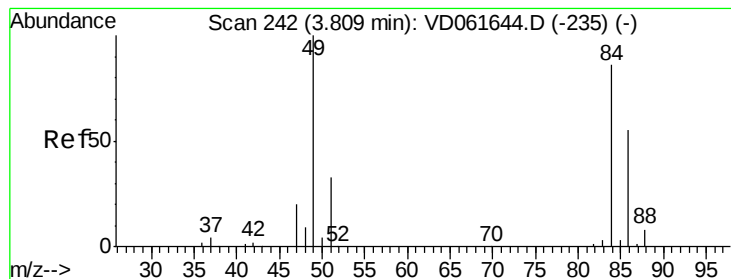
58 21.7 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 4.653 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061776.D

Acq: 12 Apr 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

VNJ-229RE

Tot Ion: 84 Resp: 32757

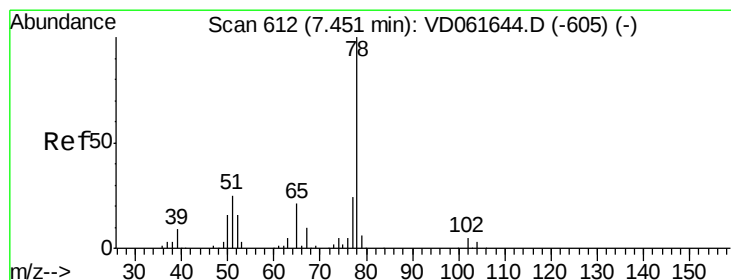
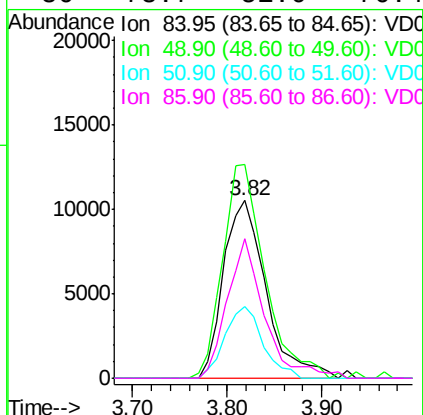
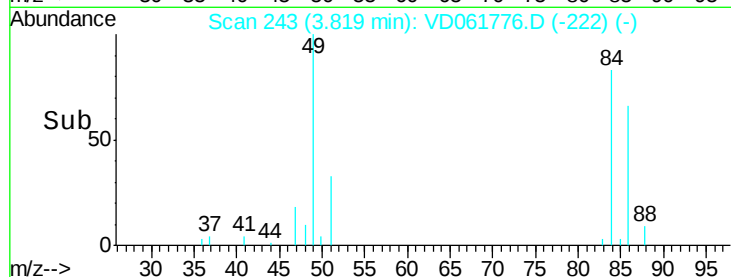
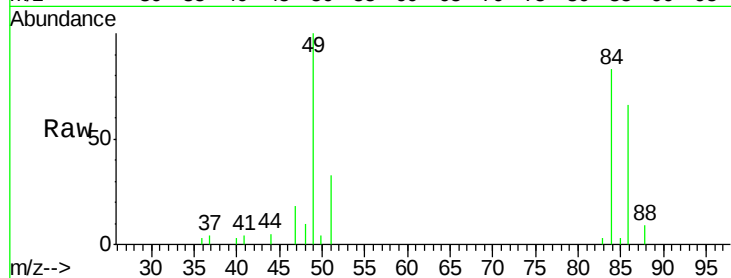
Ion Ratio Lower Upper

84 100

49 120.1 93.0 139.4

51 40.1 30.4 45.6

86 78.7 51.0 76.4#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061776.D

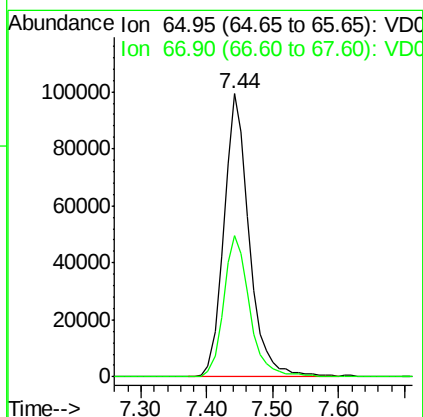
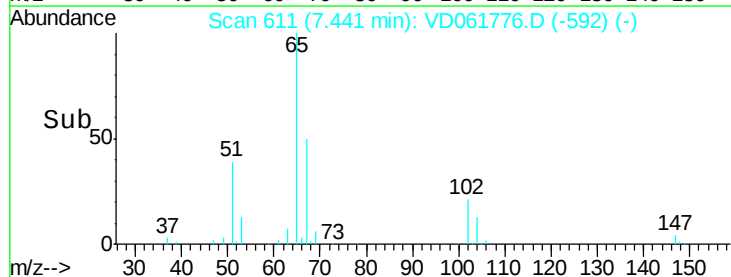
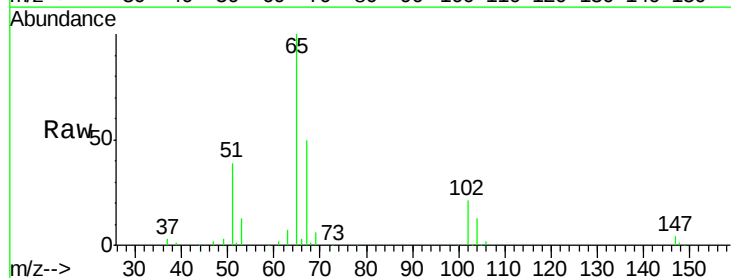
Acq: 12 Apr 2019 14:12

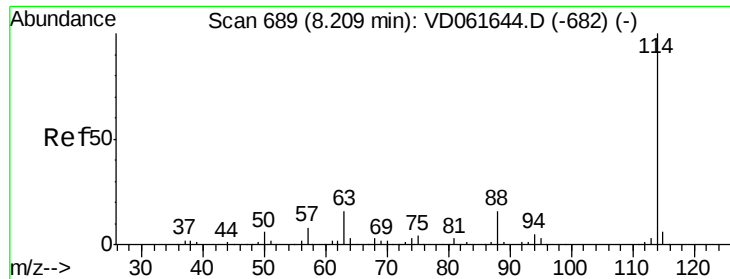
Tgt Ion: 65 Resp: 266310

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.4

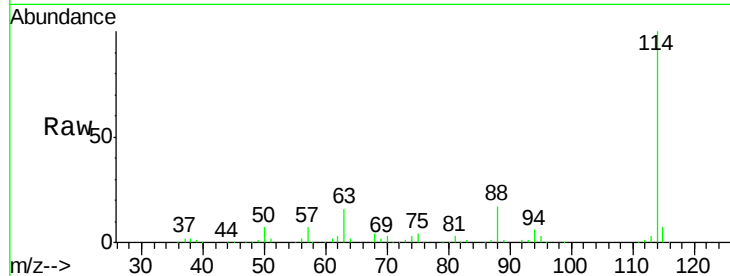




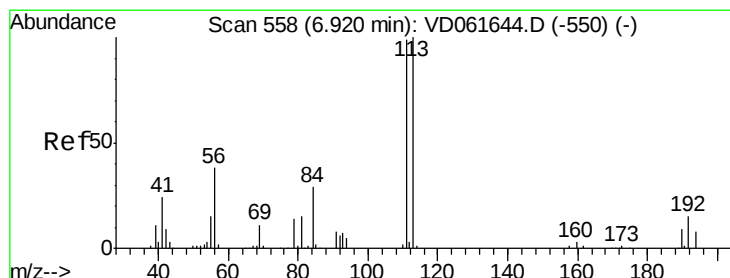
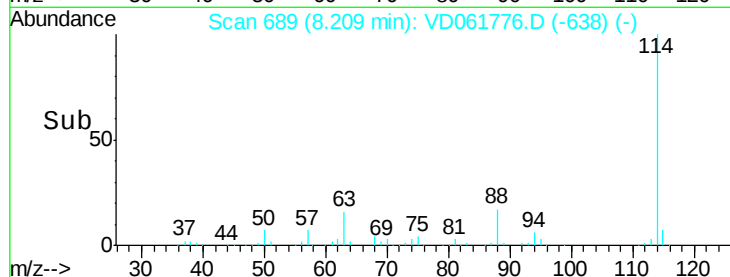
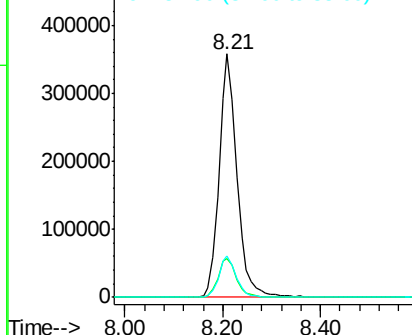
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061776.D
 Acq: 12 Apr 2019 14:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-229RE

Tot Ion:114 Resp: 915041
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.2
 88 17.0 0.0 31.8

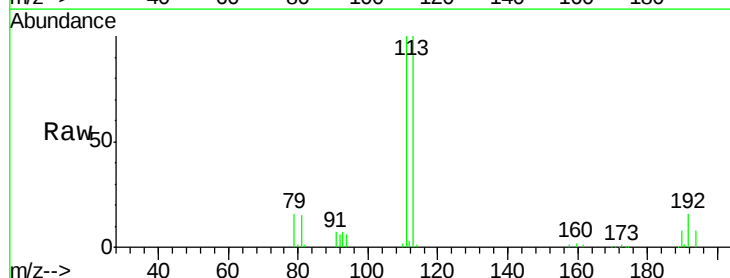


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

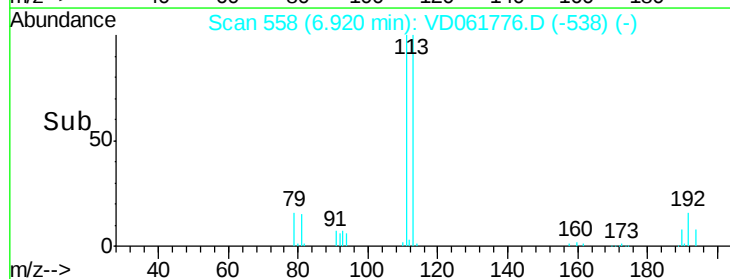
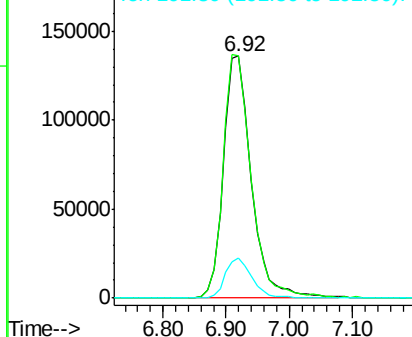


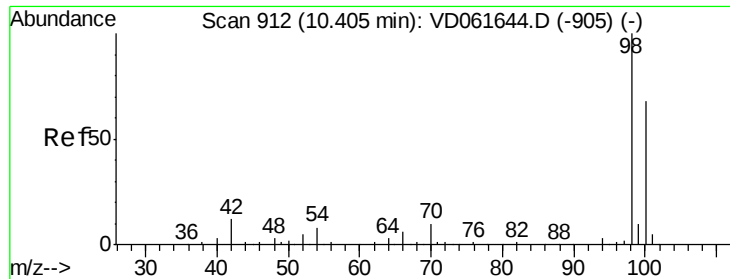
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061776.D
 Acq: 12 Apr 2019 14:12

Tgt Ion:113 Resp: 417233
 Ion Ratio Lower Upper
 113 100
 111 100.1 79.3 118.9
 192 16.3 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

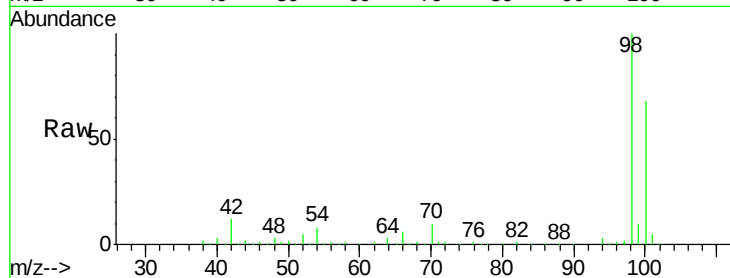




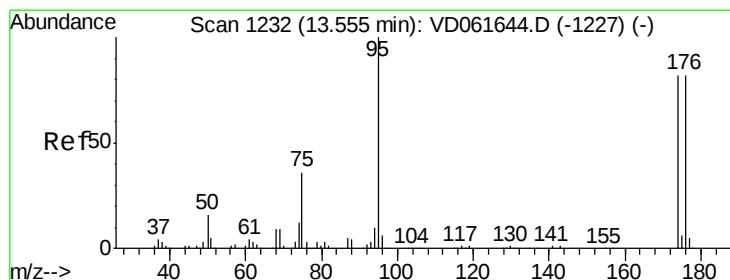
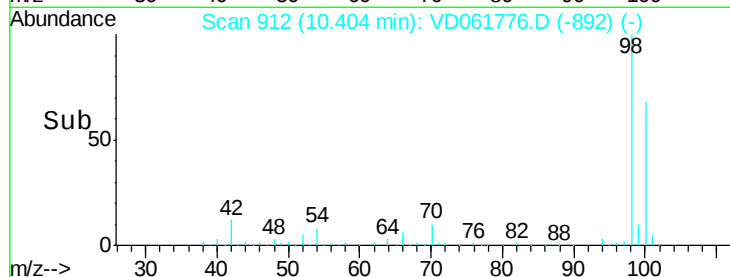
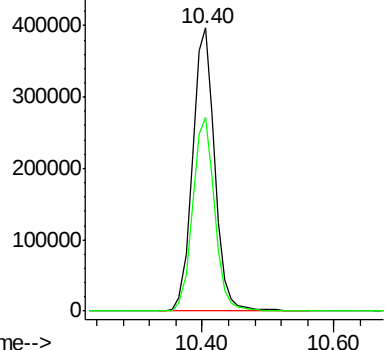
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061776.D
Acq: 12 Apr 2019 14:12

Instrument :
MSVOA_D
ClientSampleId :
VNJ-229RE

Tot Ion: 98 Resp: 929030
Ion Ratio Lower Upper
98 100
100 68.3 55.4 83.0

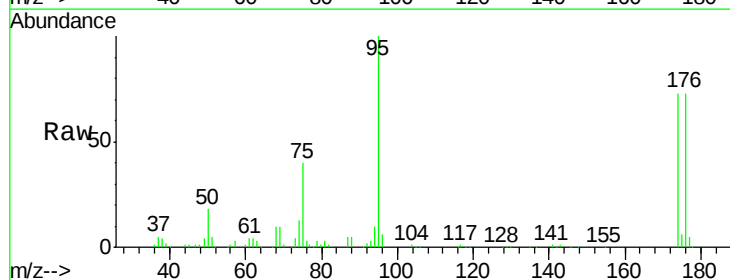


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

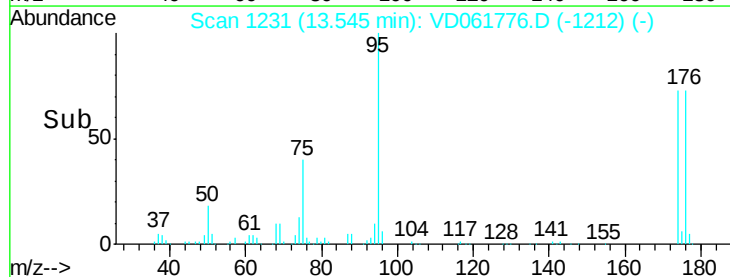
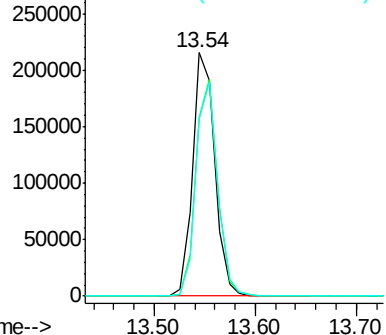


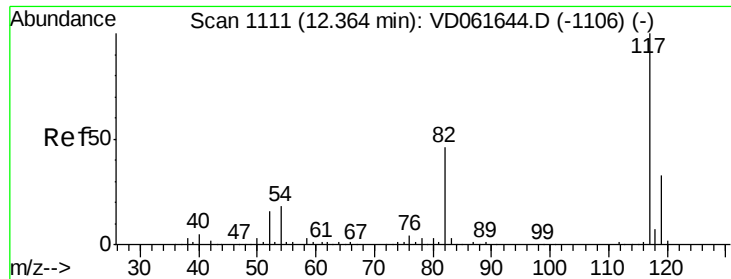
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061776.D
Acq: 12 Apr 2019 14:12

Tgt Ion: 95 Resp: 330562
Ion Ratio Lower Upper
95 100
174 73.1 0.0 164.6
176 72.7 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) (-)

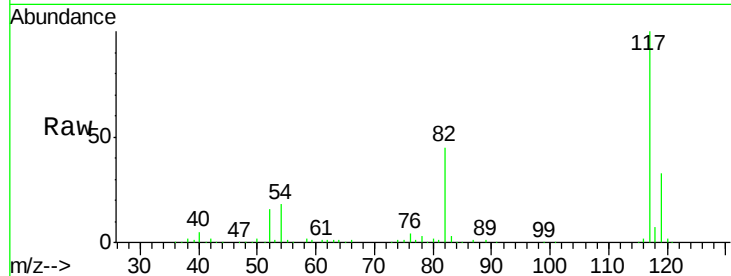




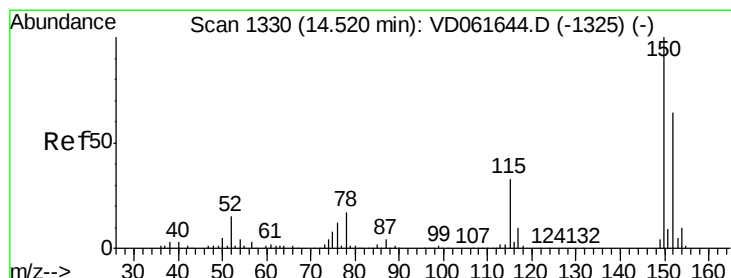
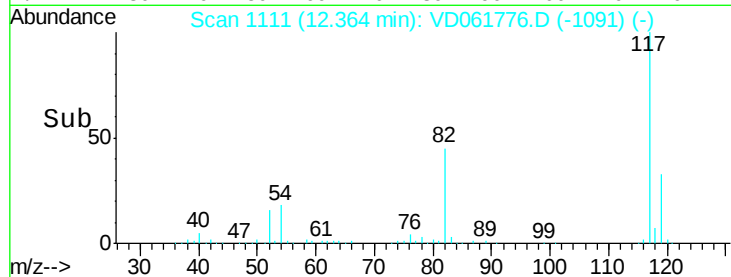
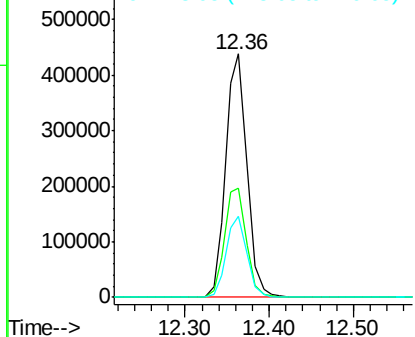
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061776.D
Acq: 12 Apr 2019 14:12

Instrument :
MSVOA_D
ClientSampleId :
VNJ-229RE

Tot Ion:117 Resp: 764225
Ion Ratio Lower Upper
117 100
82 44.7 36.8 55.2
119 33.2 26.1 39.1

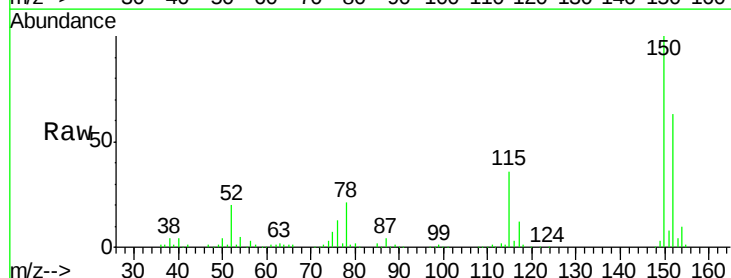


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061776.D
Acq: 12 Apr 2019 14:12

Tgt Ion:152 Resp: 366786
Ion Ratio Lower Upper
152 100
115 58.0 26.4 79.2
150 159.4 0.0 320.6



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

