

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061682.D
 Acq On : 9 Apr 2019 18:39
 Operator : VA/AP
 Sample : K2294-02RE
 Misc : 4.06g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-S2RE

Quant Time: Apr 10 02:09:45 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

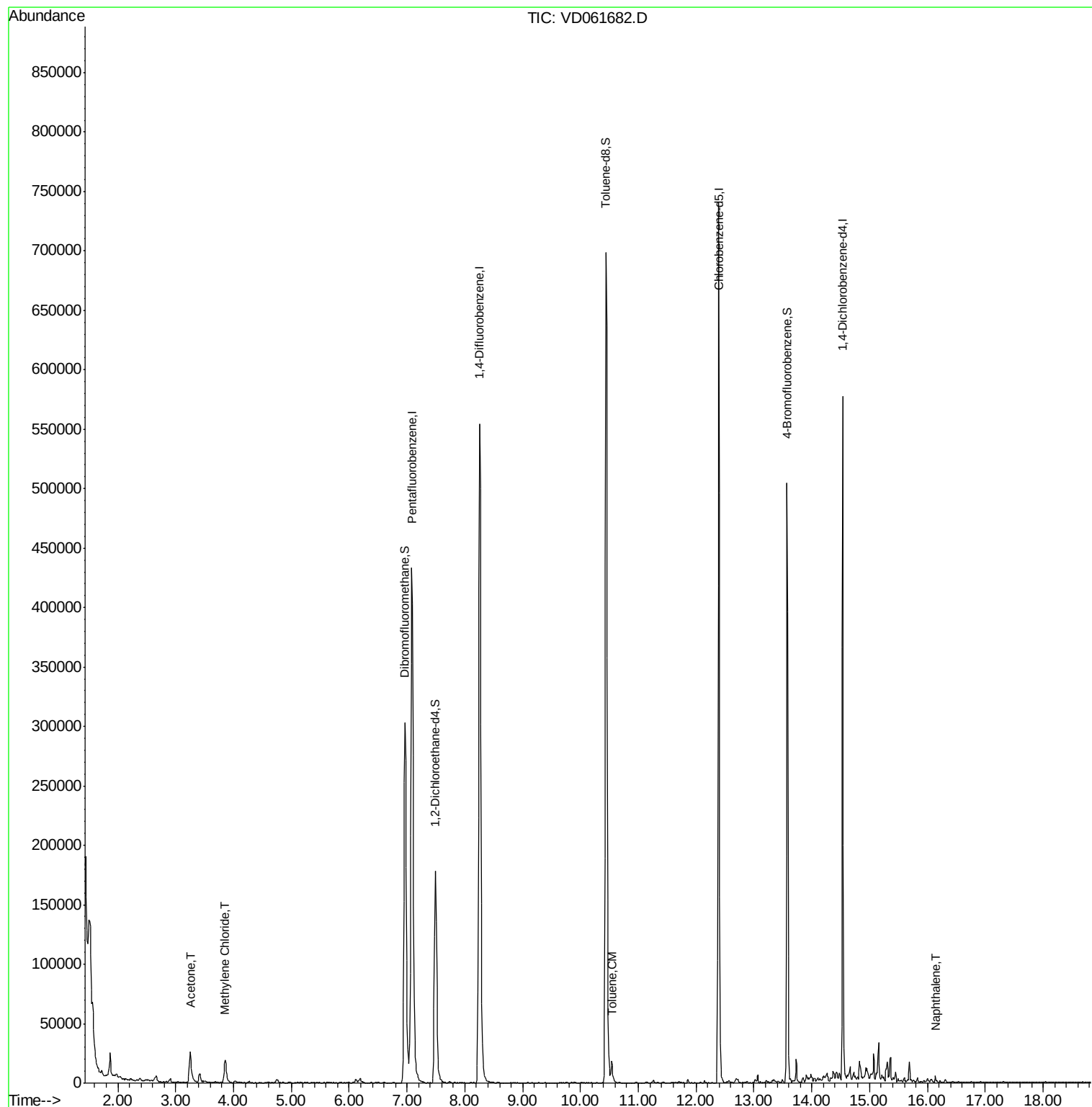
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	447484	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.26	114	685140	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.39	117	435174	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.54	152	126980	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	187104	55.16	ug/l	0.04
Spiked Amount 50.000			Recovery	=	110.32%	
35) Dibromofluoromethane	6.97	113	286895	60.44	ug/l	0.05
Spiked Amount 50.000			Recovery	=	120.88%	
50) Toluene-d8	10.44	98	601735	50.46	ug/l	0.04
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	13.57	95	159777	35.91	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.82%	
Target Compounds						
16) Acetone	3.25	43	51715	51.003	ug/l	100
20) Methylene Chloride	3.86	84	14050	2.442	ug/l #	90
52) Toluene	10.54	92	10048	1.112	ug/l	82
95) Naphthalene	16.14	128	4001	1.425	ug/l	97

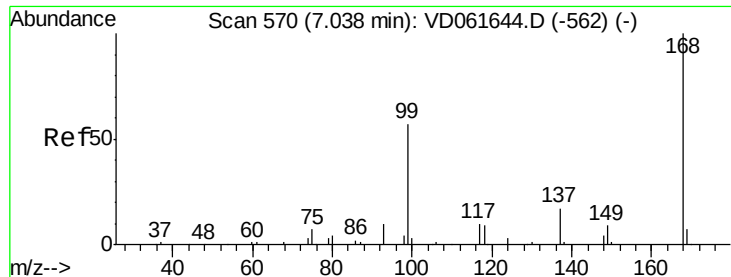
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061682.D
Acq On : 9 Apr 2019 18:39
Operator : VA/AP
Sample : K2294-02RE
Misc : 4.06g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-14-S2RE

Quant Time: Apr 10 02:09:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

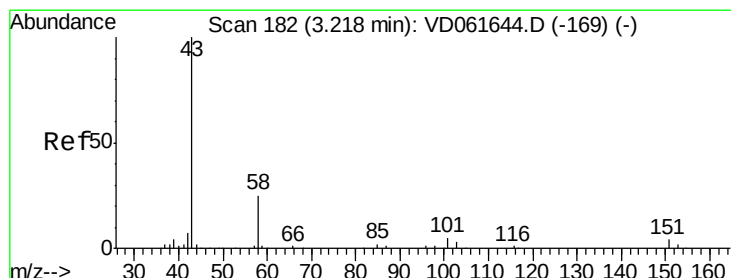
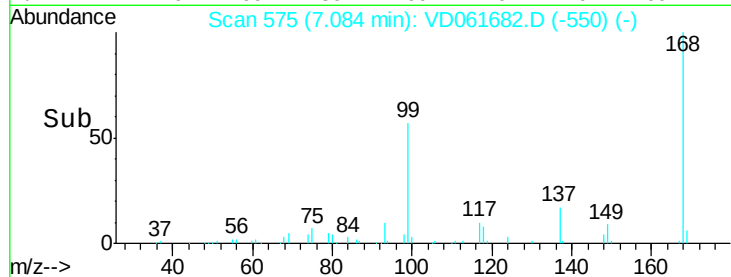
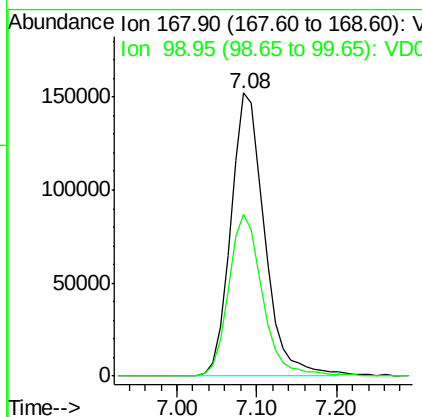
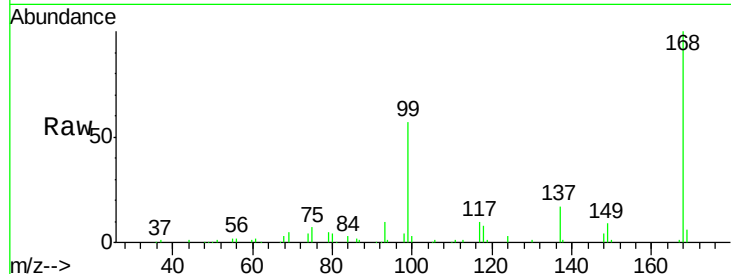




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.08 min Scan# 575
Delta R.T. 0.05 min
Lab File: VD061682.D
Acq: 9 Apr 2019 18:39

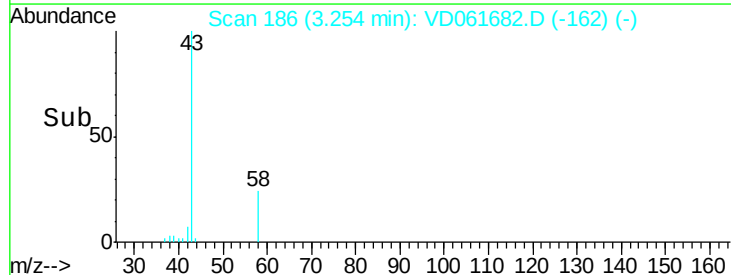
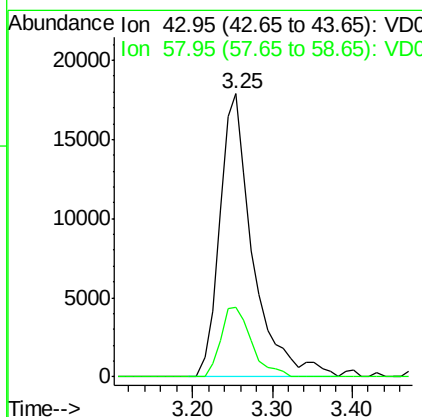
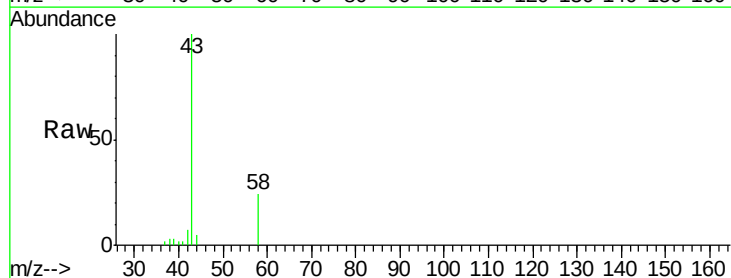
Instrument :
MSVOA_D
ClientSampleId :
TP-14-S2RE

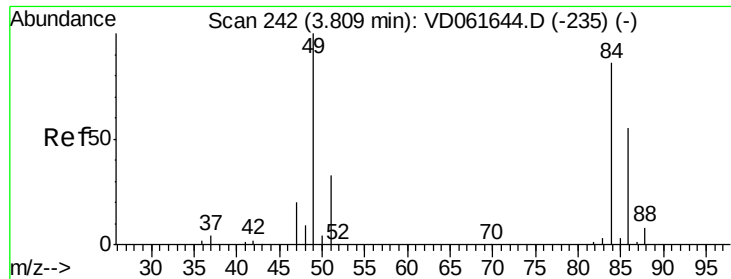
Tot Ion:168 Resp: 447484
Ion Ratio Lower Upper
168 100
99 57.2 46.8 70.2



#16
Acetone
Concen: 51.003 ug/l
RT: 3.25 min Scan# 186
Delta R.T. 0.04 min
Lab File: VD061682.D
Acq: 9 Apr 2019 18:39

Tgt Ion: 43 Resp: 51715
Ion Ratio Lower Upper
43 100
58 24.5 19.7 29.5

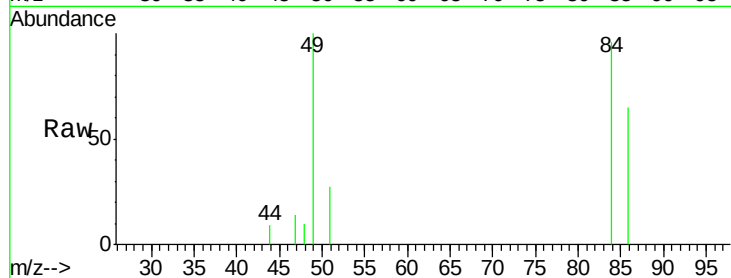




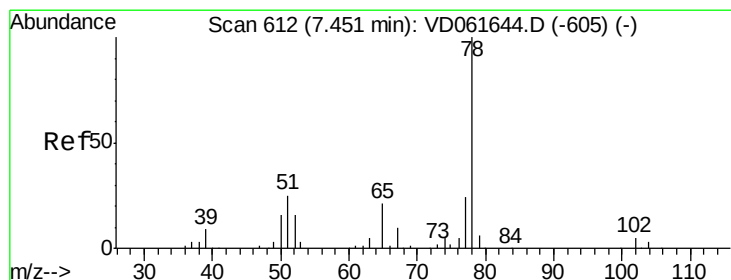
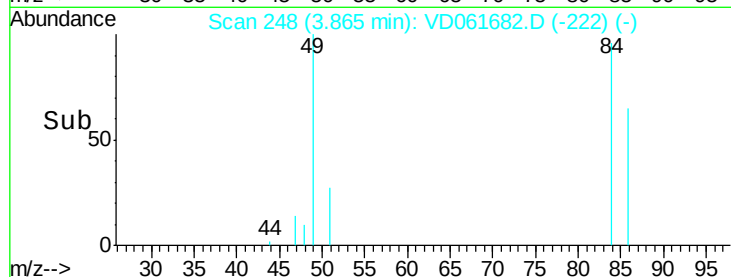
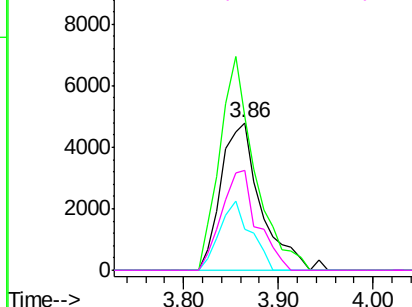
#20
Methylene Chloride
Concen: 2.442 ug/l
RT: 3.86 min Scan# 248
Delta R.T. 0.06 min
Lab File: VD061682.D
Acq: 9 Apr 2019 18:39

Instrument :
MSVOA_D
ClientSampleId :
TP-14-S2RE

Tot Ion: 84 Resp: 14050
Ion Ratio Lower Upper
84 100
49 104.4 93.0 139.4
51 27.8 30.4 45.6#
86 67.7 51.0 76.4

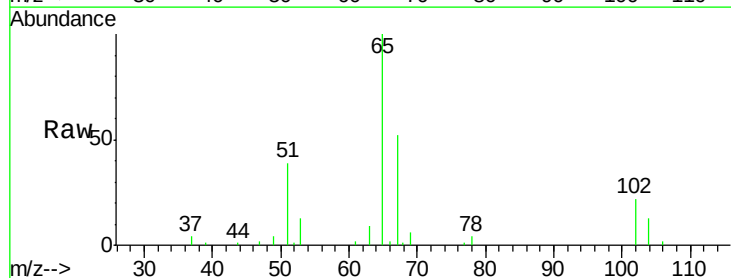


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

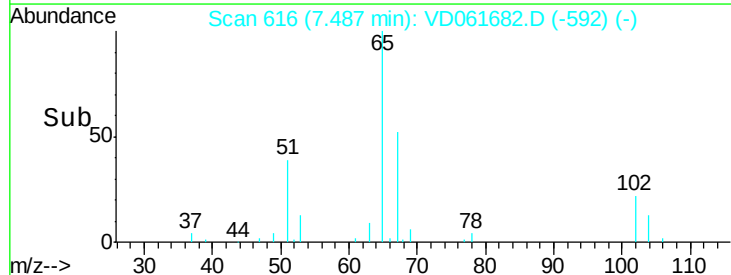
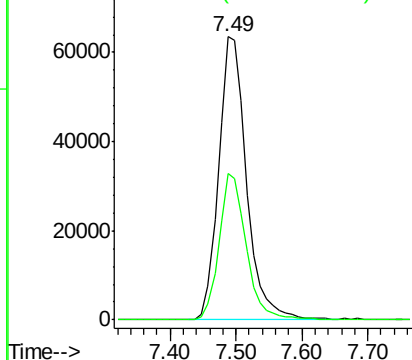


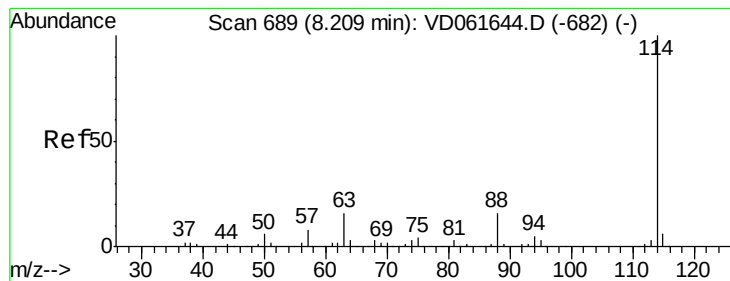
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.49 min Scan# 616
Delta R.T. 0.04 min
Lab File: VD061682.D
Acq: 9 Apr 2019 18:39

Tgt Ion: 65 Resp: 187104
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4



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: 8.26 min Scan# 694

Delta R.T. 0.05 min

Lab File: VD061682.D

Acq: 9 Apr 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

TP-14-S2RE

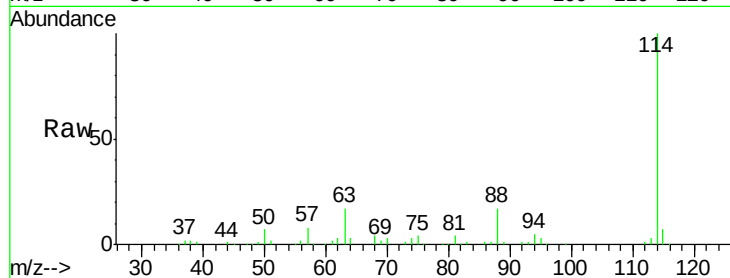
Tot Ion:114 Resp: 685140

Ion Ratio Lower Upper

114 100

63 16.7 0.0 31.2

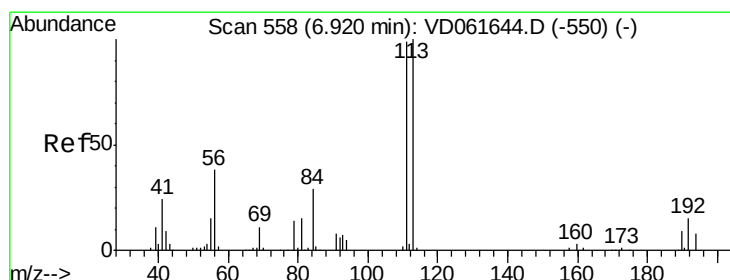
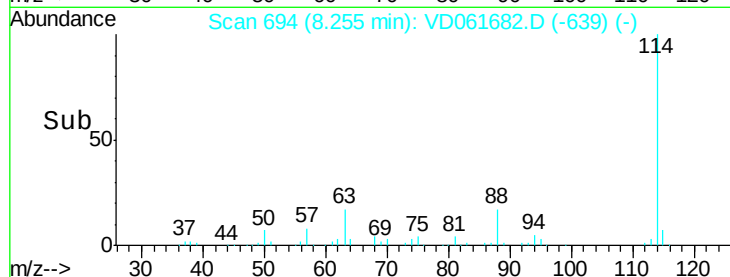
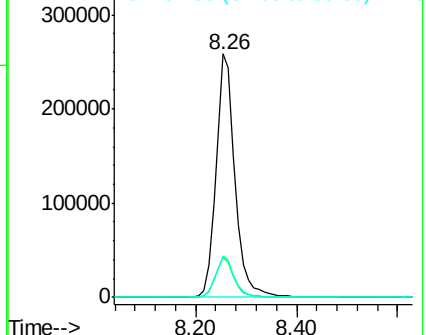
88 17.0 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.97 min Scan# 563

Delta R.T. 0.05 min

Lab File: VD061682.D

Acq: 9 Apr 2019 18:39

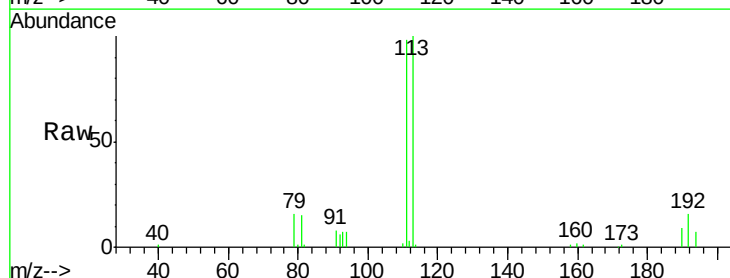
Tgt Ion:113 Resp: 286895

Ion Ratio Lower Upper

113 100

111 98.3 79.3 118.9

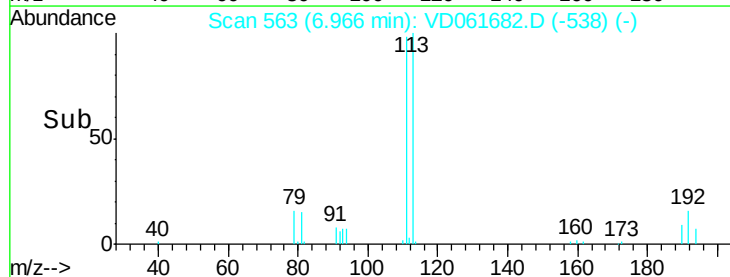
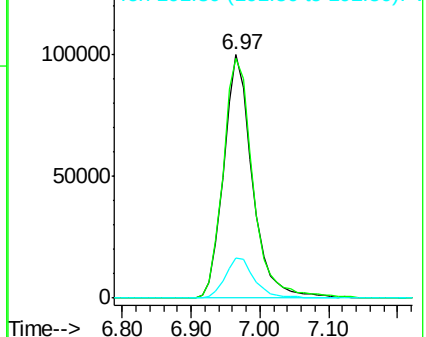
192 16.2 12.3 18.5

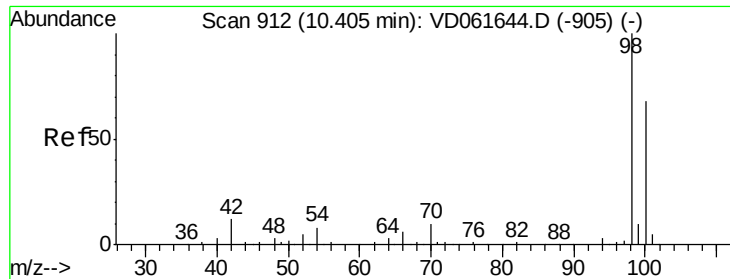


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

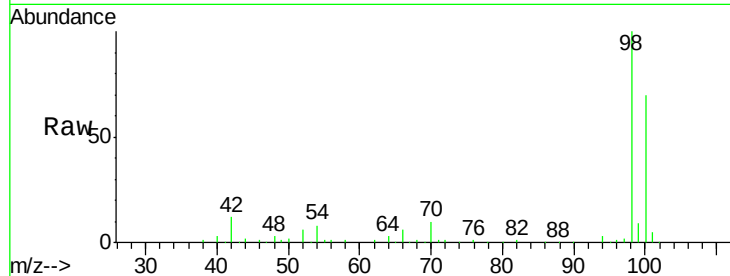




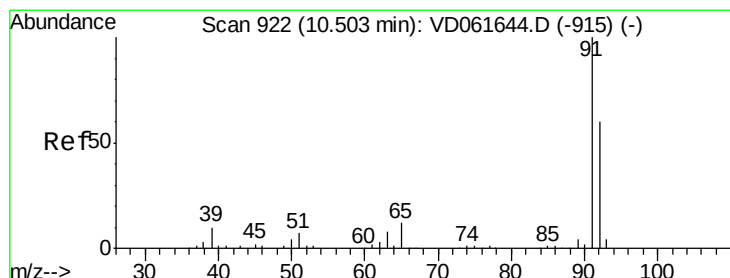
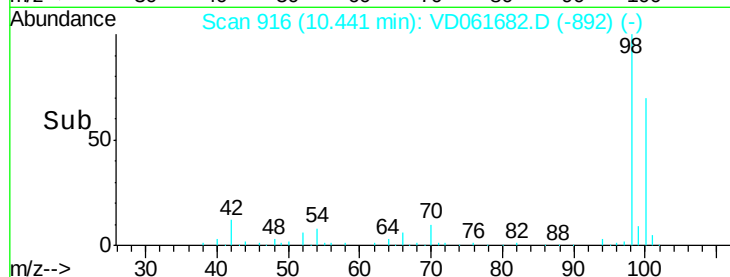
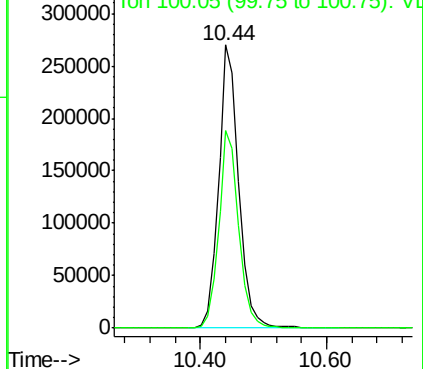
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.04 min
Lab File: VD061682.D
Acq: 9 Apr 2019 18:39

Instrument :
MSVOA_D
ClientSampleId :
TP-14-S2RE

Tot Ion: 98 Resp: 601735
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.0

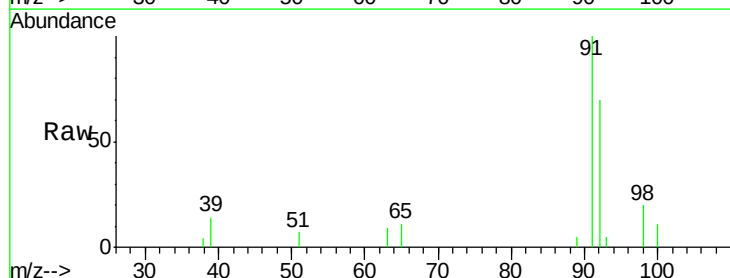


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

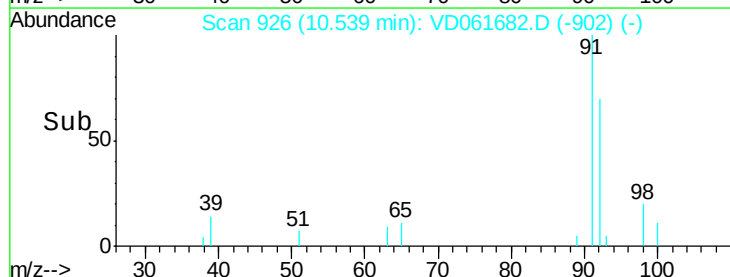
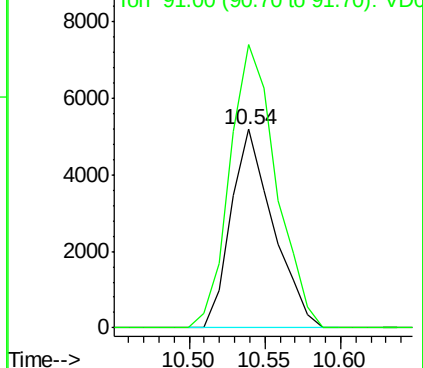


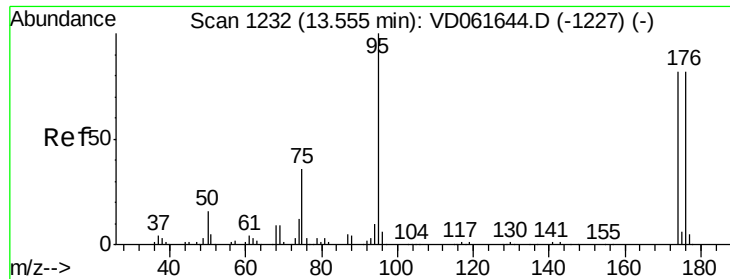
#52
Toluene
Concen: 1.112 ug/l
RT: 10.54 min Scan# 926
Delta R.T. 0.04 min
Lab File: VD061682.D
Acq: 9 Apr 2019 18:39

Tgt Ion: 92 Resp: 10048
Ion Ratio Lower Upper
92 100
91 142.4 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VD061644.D (-915) (-)
Ion 91.00 (90.70 to 91.70): VD061644.D (-915) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061682.D

Acq: 9 Apr 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

TP-14-S2RE

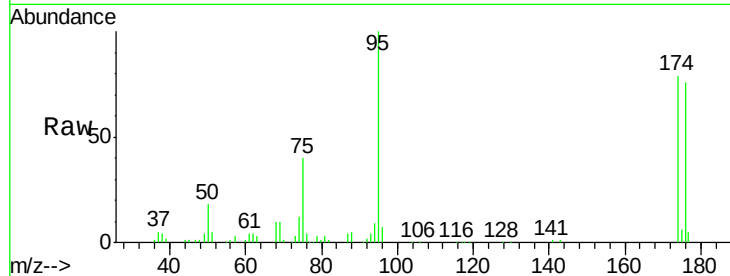
Tot Ion: 95 Resp: 159777

Ion Ratio Lower Upper

95 100

174 78.9 0.0 164.6

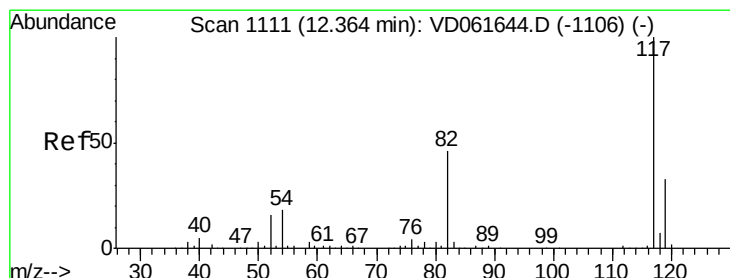
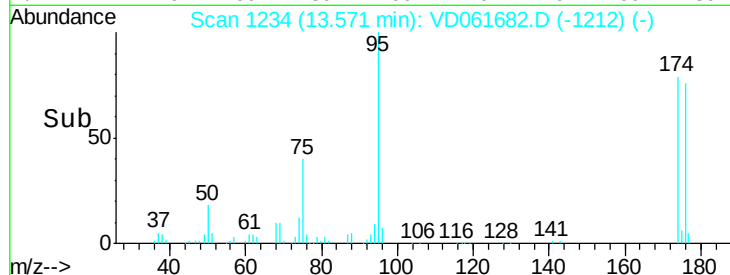
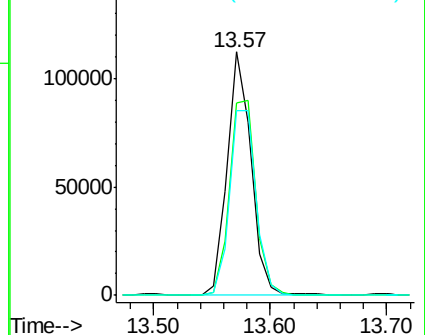
176 75.7 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.39 min Scan# 1114

Delta R.T. 0.03 min

Lab File: VD061682.D

Acq: 9 Apr 2019 18:39

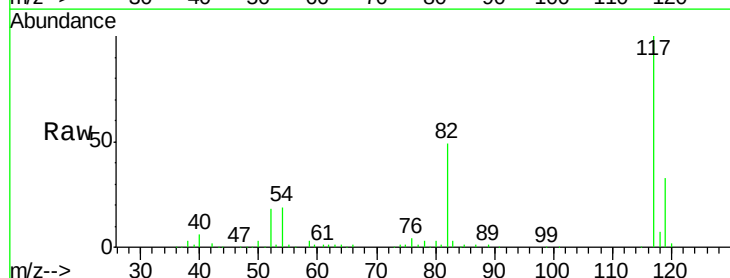
Tgt Ion: 117 Resp: 435174

Ion Ratio Lower Upper

117 100

82 48.7 36.8 55.2

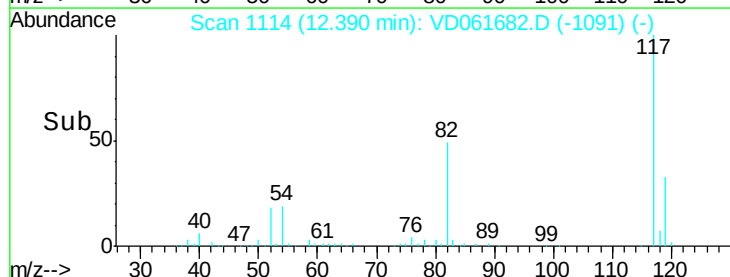
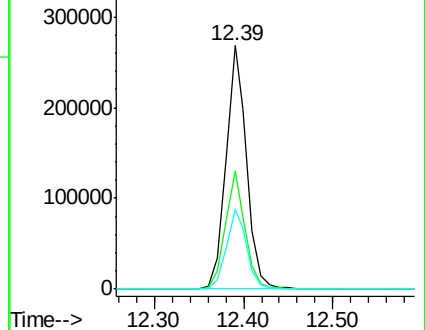
119 32.5 26.1 39.1

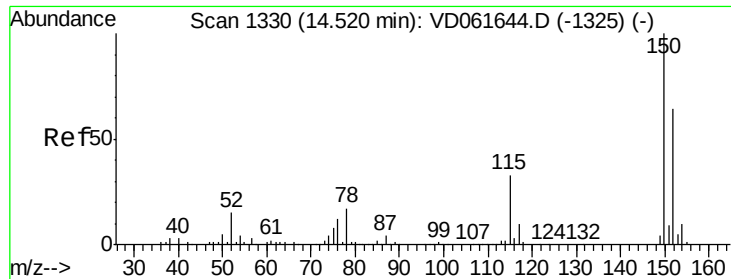


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

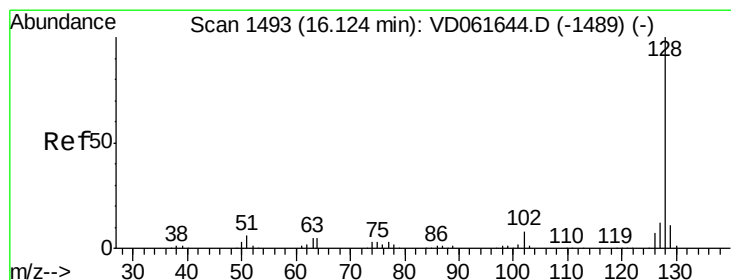
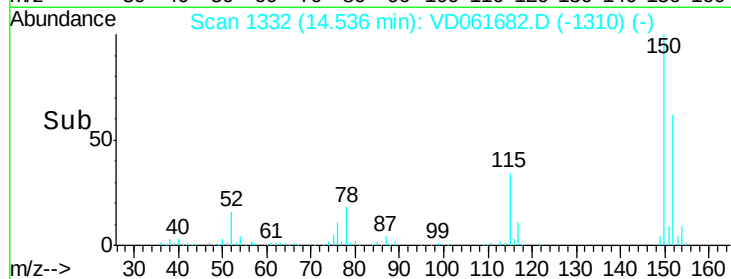
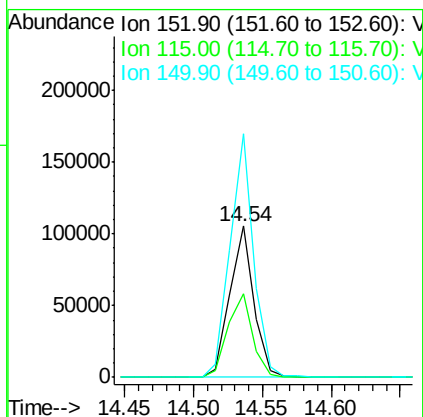
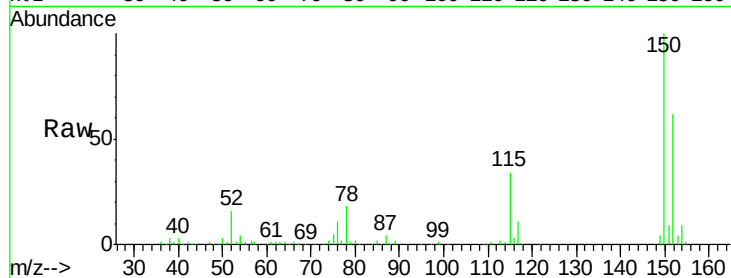




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: VD061682.D
 Acq: 9 Apr 2019 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-S2RE

Tot Ion:152 Resp: 126980
 Ion Ratio Lower Upper
 152 100
 115 55.2 26.4 79.2
 150 161.2 0.0 320.6



#95
 Naphthalene
 Concen: 1.425 ug/l
 RT: 16.14 min Scan# 1495
 Delta R.T. 0.02 min
 Lab File: VD061682.D
 Acq: 9 Apr 2019 18:39

Tgt Ion:128 Resp: 4001
 Ion Ratio Lower Upper
 128 100
 127 10.1 9.4 14.2
 129 11.6 8.8 13.2

