

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062043.D
 Acq On : 25 Apr 2019 17:21
 Operator : VA/AP
 Sample : K2203-17
 Misc : 6.31g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-042419-A

Quant Time: Apr 26 01:51:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

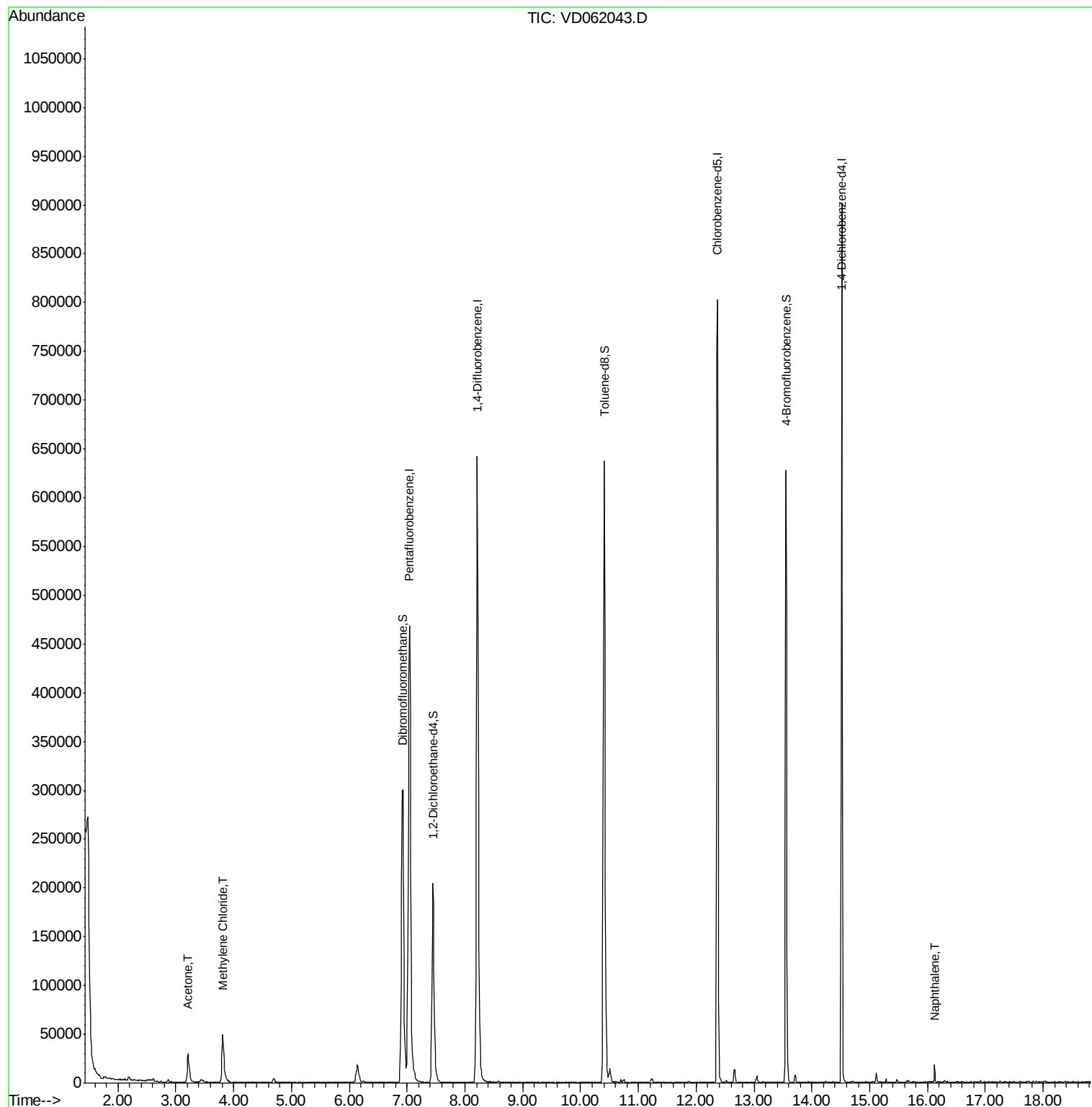
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	464806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	737924	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	519885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	193097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	208654	57.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.72%	
35) Dibromofluoromethane	6.91	113	281934	55.24	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	110.48%	
50) Toluene-d8	10.41	98	580406	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	13.55	95	198236	40.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.40%	
Target Compounds						
16) Acetone	3.21	43	56930	65.542	ug/l	94
20) Methylene Chloride	3.81	84	36523	5.819	ug/l	95
95) Naphthalene	16.12	128	11394	2.450	ug/l	99

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

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QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062043.D

Acq: 25 Apr 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

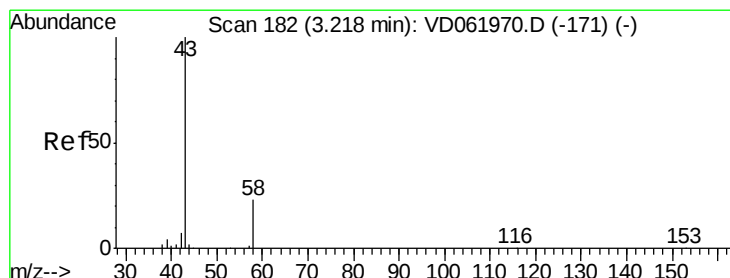
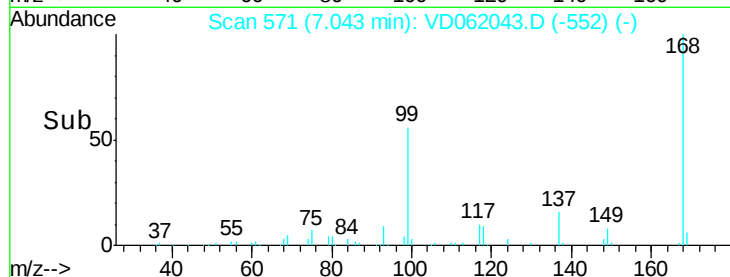
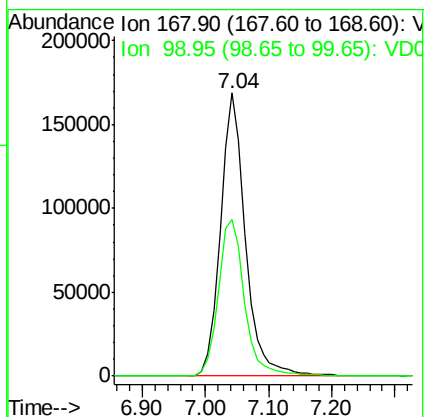
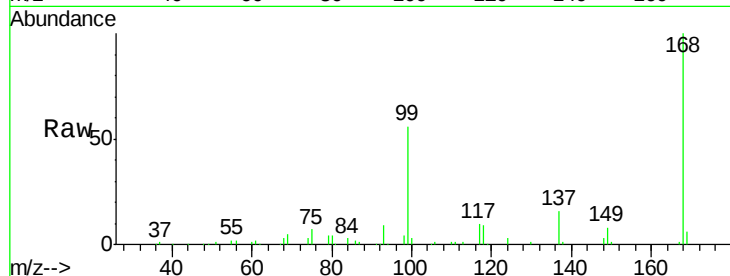
SU-03-042419-A

Tot Ion:168 Resp: 464806

Ion Ratio Lower Upper

168 100

99 55.5 46.5 69.7



#16

Acetone

Concen: 65.542 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062043.D

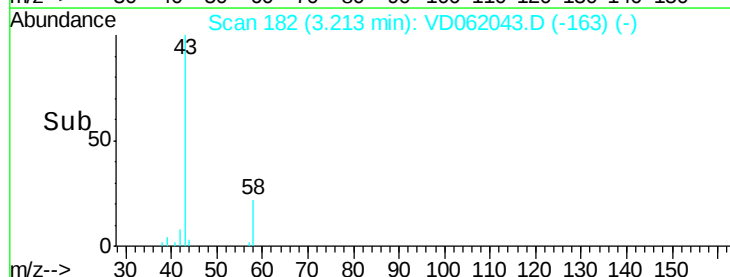
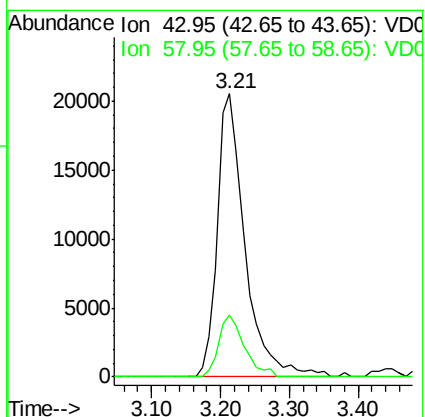
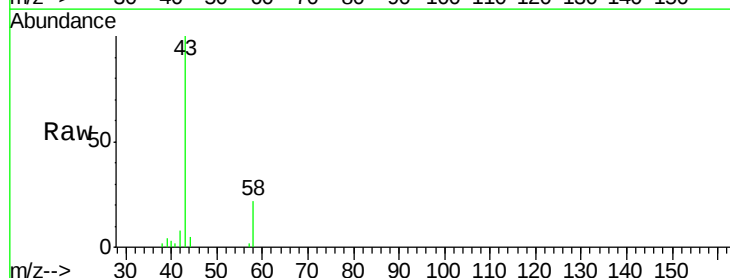
Acq: 25 Apr 2019 17:21

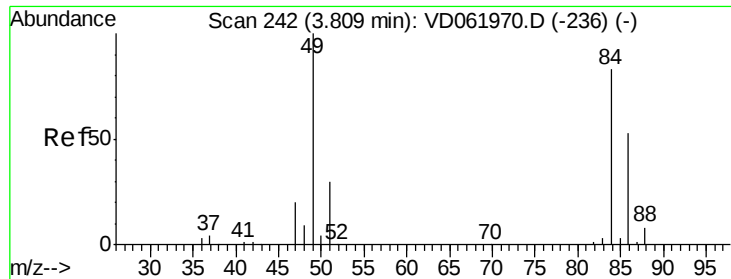
Tgt Ion: 43 Resp: 56930

Ion Ratio Lower Upper

43 100

58 22.0 19.9 29.9

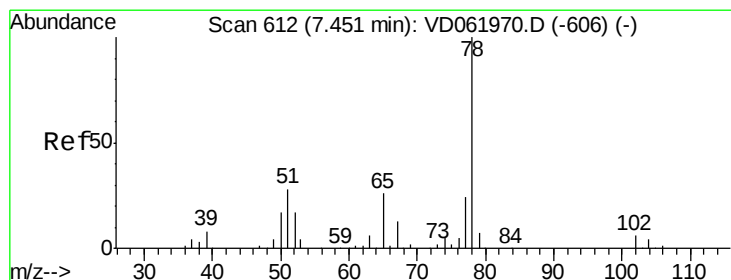
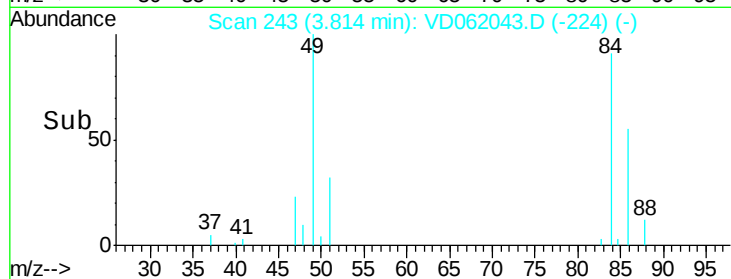
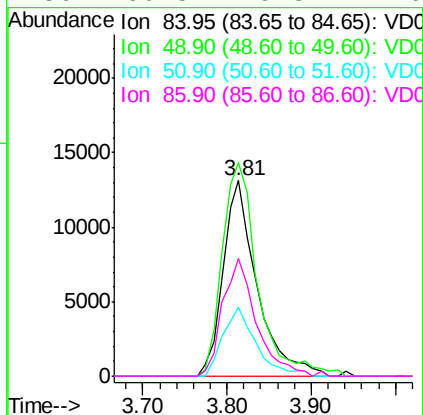
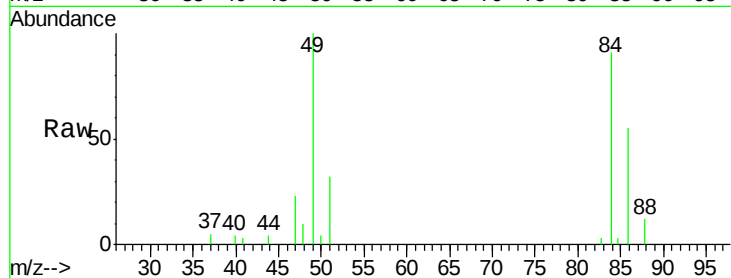




#20
Methylene Chloride
Concen: 5.819 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062043.D
Acq: 25 Apr 2019 17:21

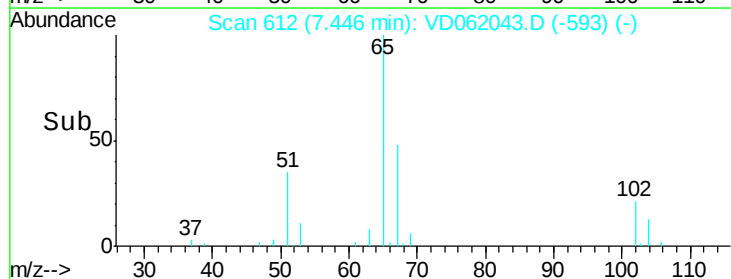
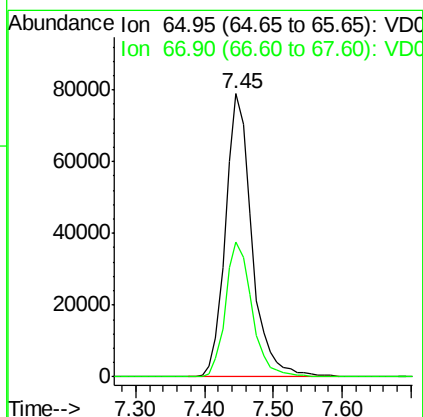
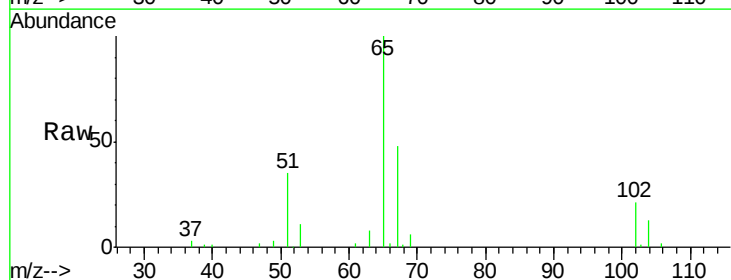
Instrument :
MSVOA_D
ClientSampleId :
SU-03-042419-A

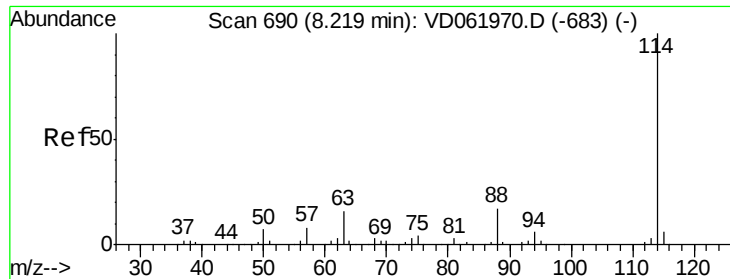
Tot Ion: 84 Resp: 36523
Ion Ratio Lower Upper
84 100
49 109.3 94.0 141.0
51 35.5 29.0 43.4
86 60.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 57.357 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062043.D
Acq: 25 Apr 2019 17:21

Tgt Ion: 65 Resp: 208654
Ion Ratio Lower Upper
65 100
67 47.9 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062043.D

Acq: 25 Apr 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

SU-03-042419-A

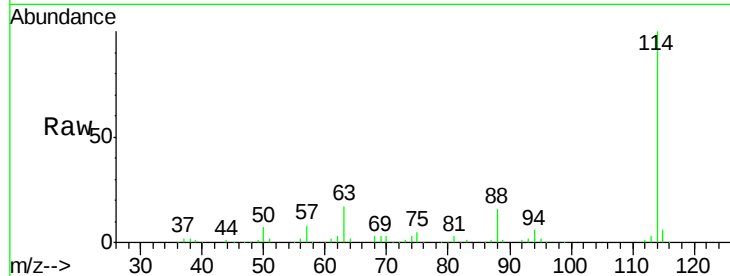
Tot Ion:114 Resp: 737924

Ion Ratio Lower Upper

114 100

63 16.5 0.0 32.4

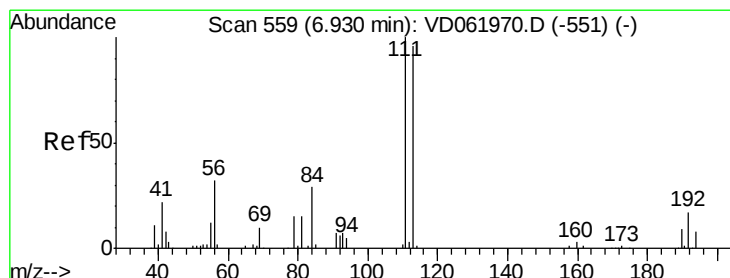
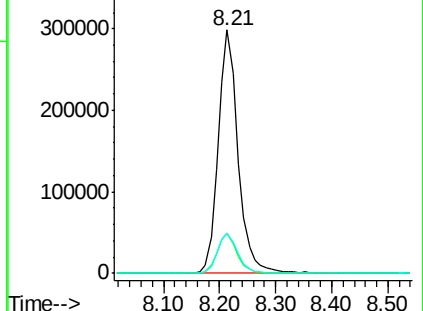
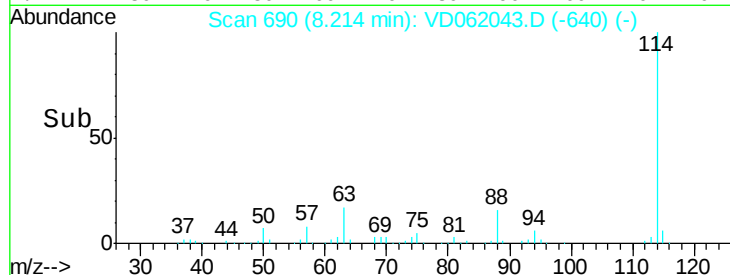
88 16.5 0.0 33.6



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: 55.244 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD062043.D

Acq: 25 Apr 2019 17:21

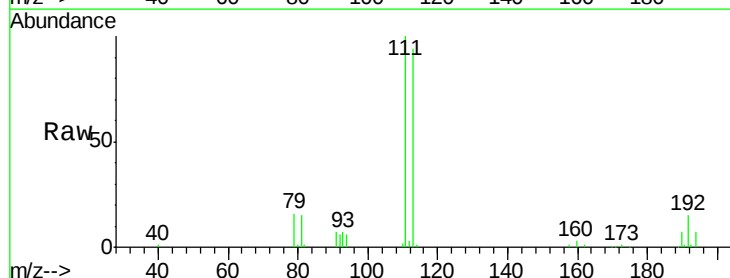
Tgt Ion:113 Resp: 281934

Ion Ratio Lower Upper

113 100

111 106.1 78.5 117.7

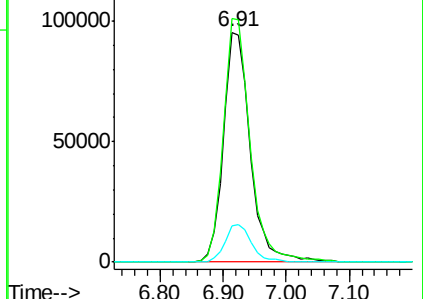
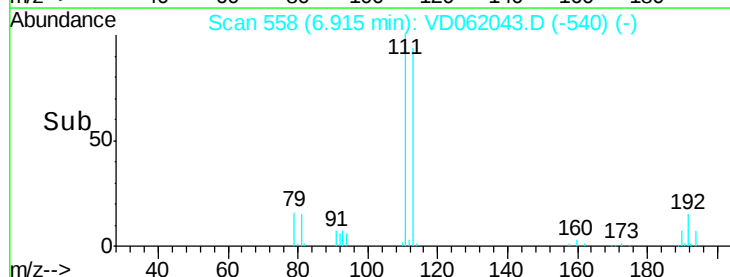
192 15.8 13.0 19.4

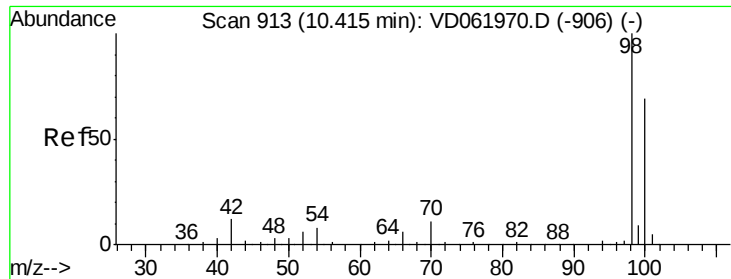


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

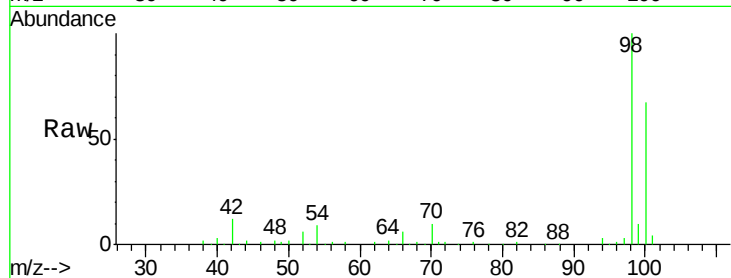




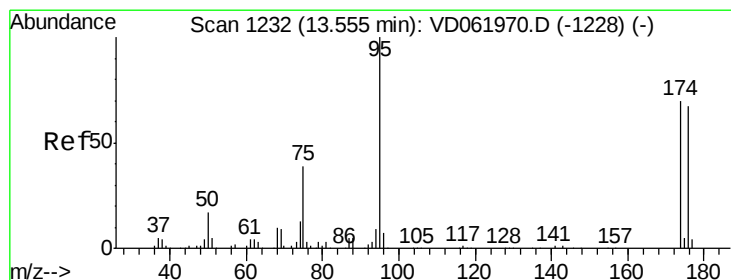
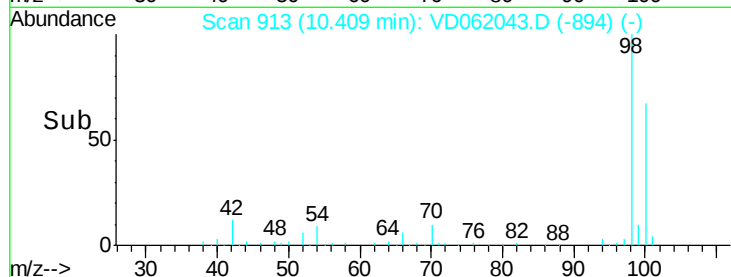
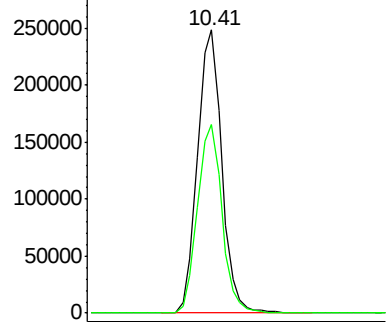
#50
Toluene-d8
Concen: 47.795 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062043.D
Acq: 25 Apr 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
SU-03-042419-A

Tot Ion: 98 Resp: 580406
Ion Ratio Lower Upper
98 100
100 66.5 53.8 80.8

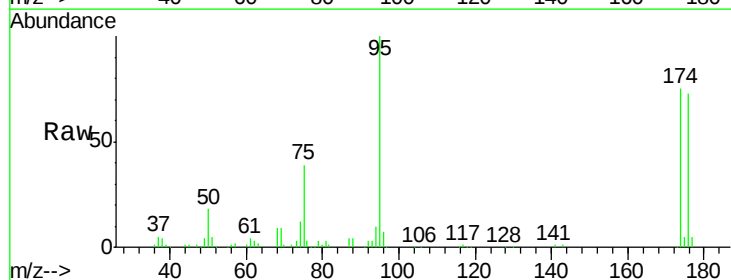


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

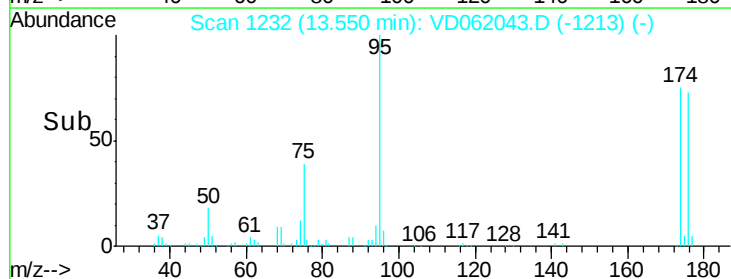
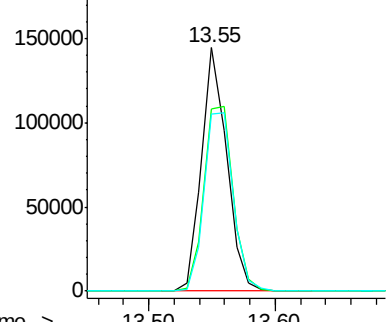


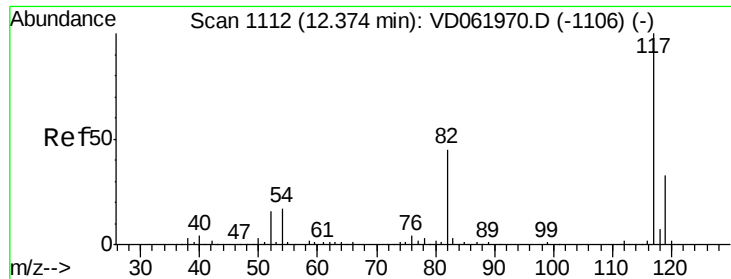
#62
4-Bromofluorobenzene
Concen: 40.699 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062043.D
Acq: 25 Apr 2019 17:21

Tgt Ion: 95 Resp: 198236
Ion Ratio Lower Upper
95 100
174 75.0 0.0 181.8
176 72.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

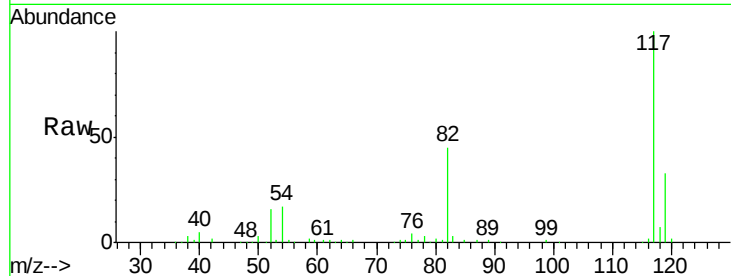




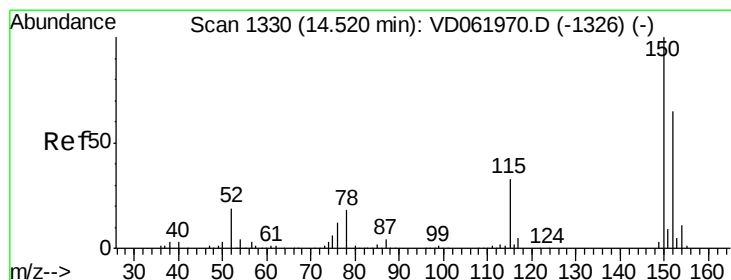
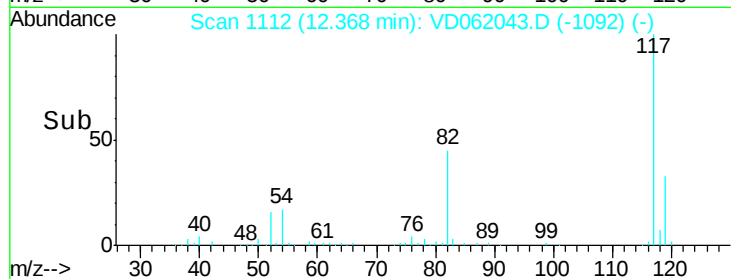
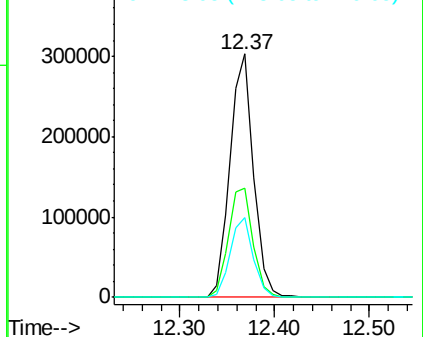
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062043.D
Acq: 25 Apr 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
SU-03-042419-A

Tot Ion:117 Resp: 519885
Ion Ratio Lower Upper
117 100
82 45.0 36.2 54.2
119 32.7 26.2 39.4

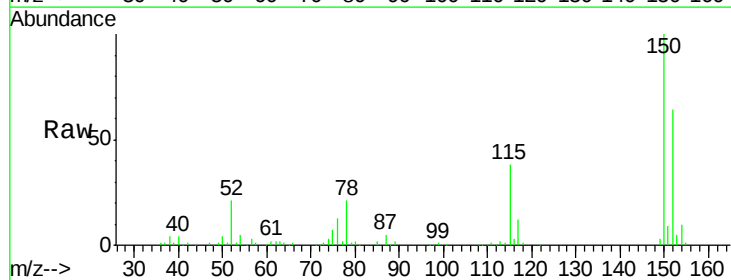


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

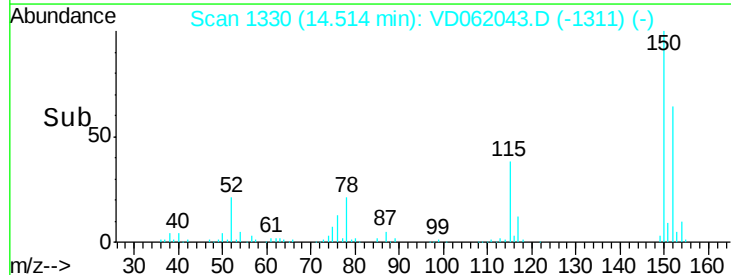
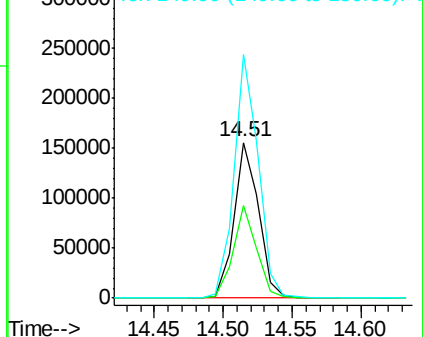


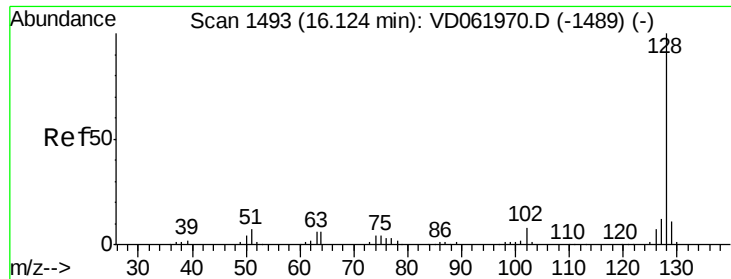
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062043.D
Acq: 25 Apr 2019 17:21

Tgt Ion:152 Resp: 193097
Ion Ratio Lower Upper
152 100
115 59.8 30.9 92.7
150 156.4 0.0 314.8



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





#95

Naphthalene

Concen: 2.450 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD062043.D

Acq: 25 Apr 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

SU-03-042419-A

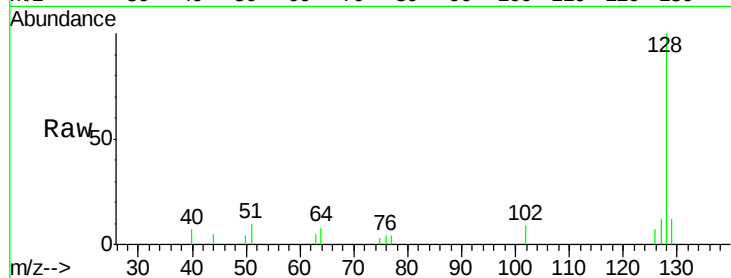
Tot Ion:128 Resp: 11394

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.8

129 11.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

