

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061973.D
 Acq On : 23 Apr 2019 16:40
 Operator : VA/AP
 Sample : K2203-13
 Misc : 6.73g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-041819-A

Quant Time: Apr 23 17:06:15 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

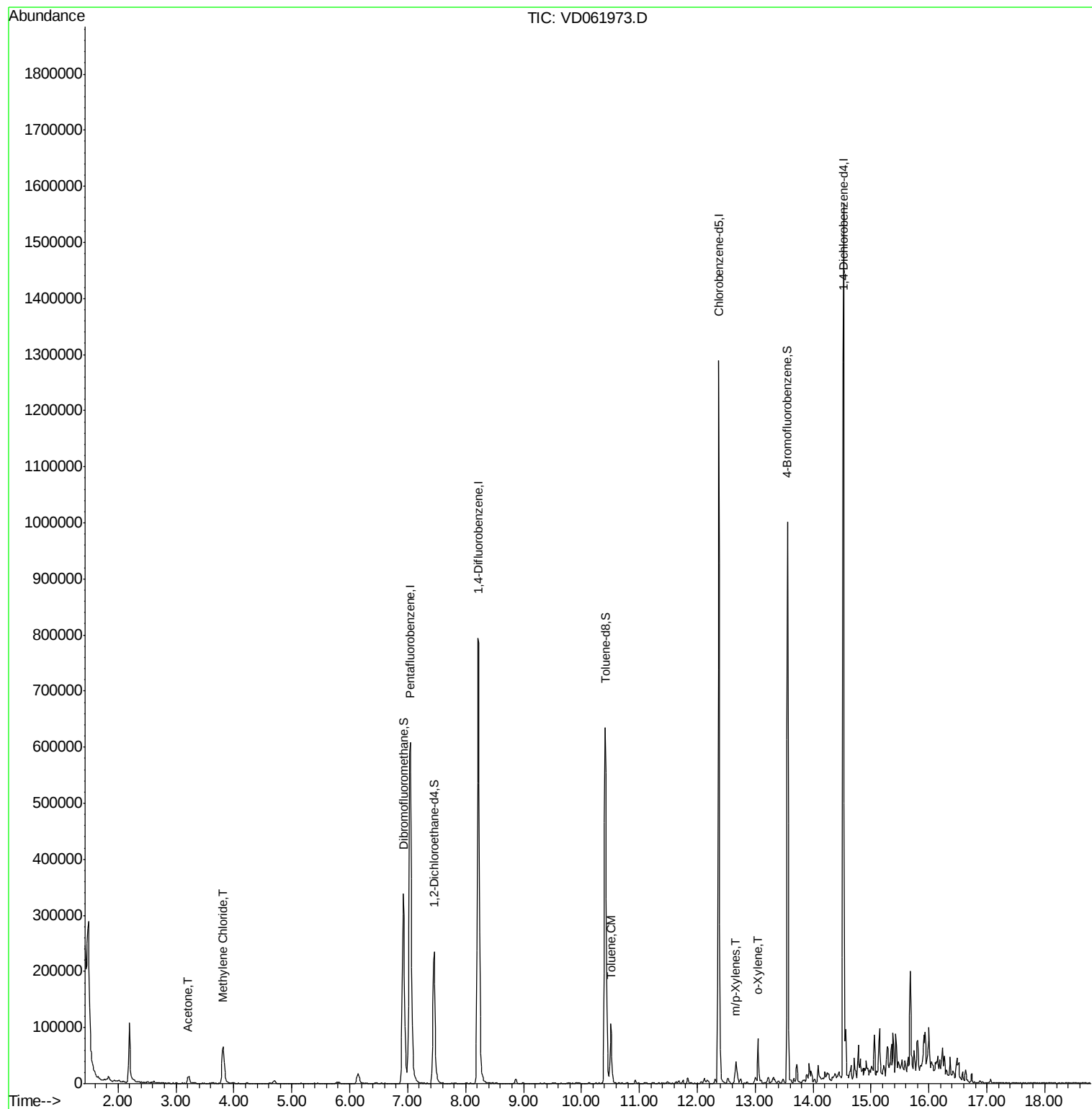
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	636578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	995716	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	782150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	383698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	231430	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
35) Dibromofluoromethane	6.92	113	326355	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	10.41	98	564571	34.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.90%	
62) 4-Bromofluorobenzene	13.56	95	296500	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
16) Acetone	3.20	43	26728	22.468	ug/l #	89
20) Methylene Chloride	3.81	84	50248	5.861	ug/l	95
52) Toluene	10.51	92	56690	4.629	ug/l	95
68) m/p-Xylenes	12.66	106	13853	1.589	ug/l	93
69) o-Xylene	13.05	106	19263	2.415	ug/l	97

(#) = 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: VD061973.D

Acq: 23 Apr 2019 16:40

Instrument :

MSVOA_D

ClientSampleId :

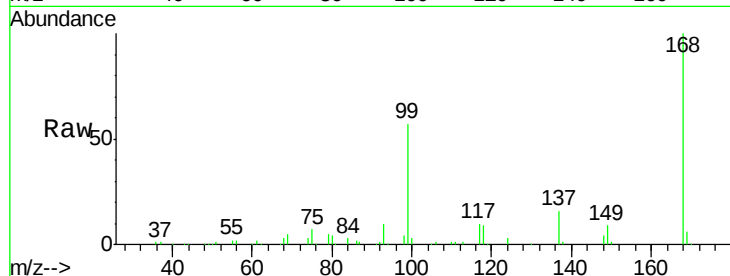
SU-02-041819-A

Tot Ion:168 Resp: 636578

Ion Ratio Lower Upper

168 100

99 57.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

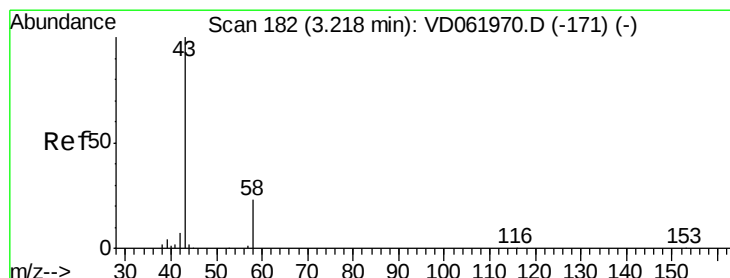
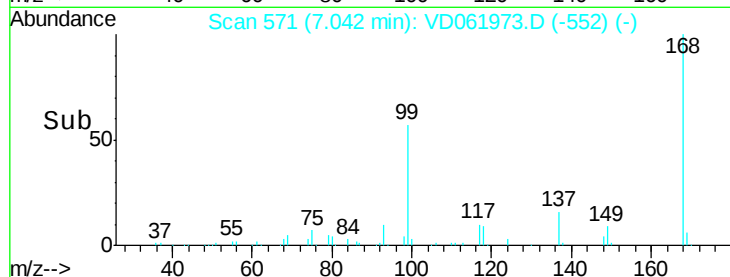
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 22.468 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061973.D

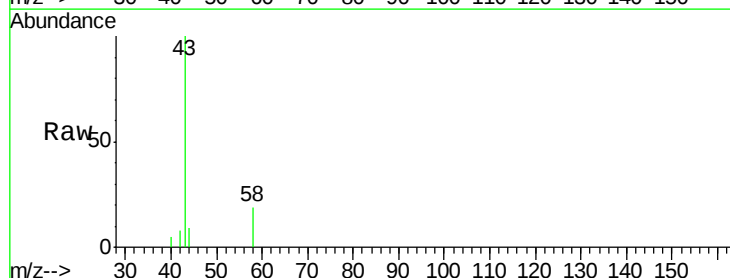
Acq: 23 Apr 2019 16:40

Tgt Ion: 43 Resp: 26728

Ion Ratio Lower Upper

43 100

58 19.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

10000

8000

6000

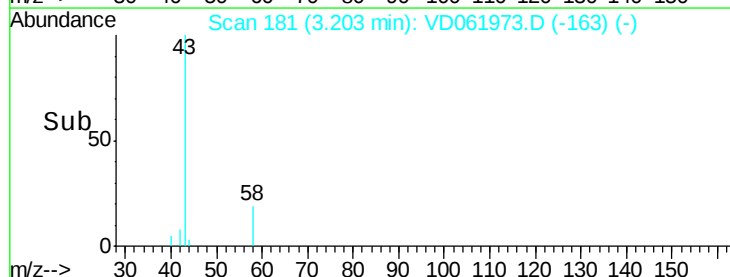
4000

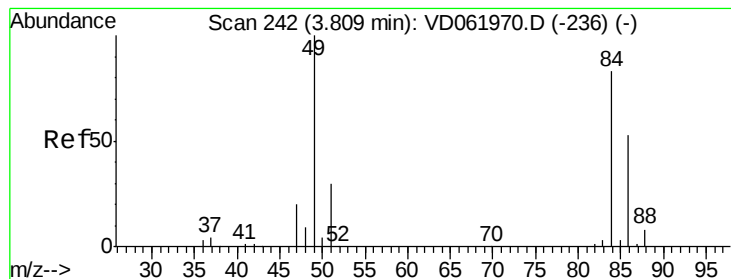
2000

0

Time-->

3.10 3.20 3.30





#20

Methylene Chloride

Concen: 5.861 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061973.D

Acq: 23 Apr 2019 16:40

Instrument :

MSVOA_D

ClientSampleId :

SU-02-041819-A

Tot Ion: 84 Resp: 50248

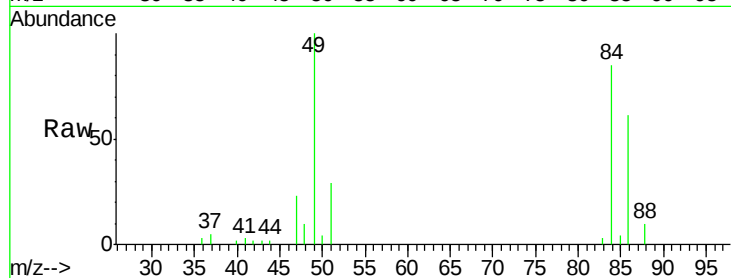
Ion Ratio Lower Upper

84 100

49 118.1 94.0 141.0

51 33.7 29.0 43.4

86 71.7 49.8 74.6

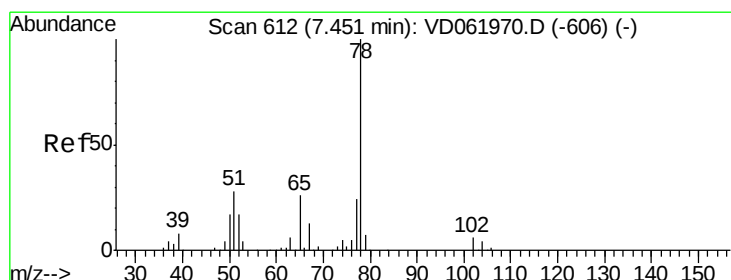
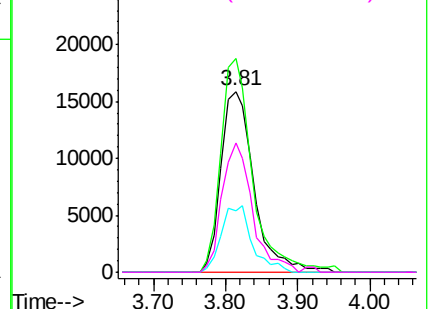
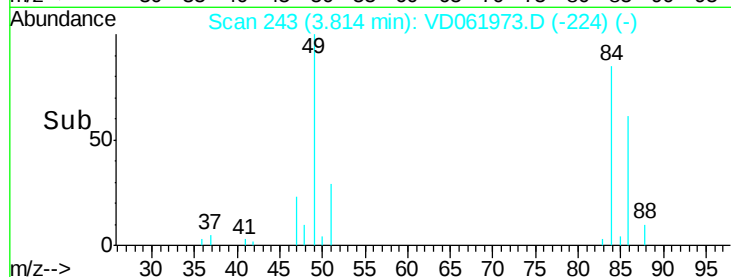


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD061973.D

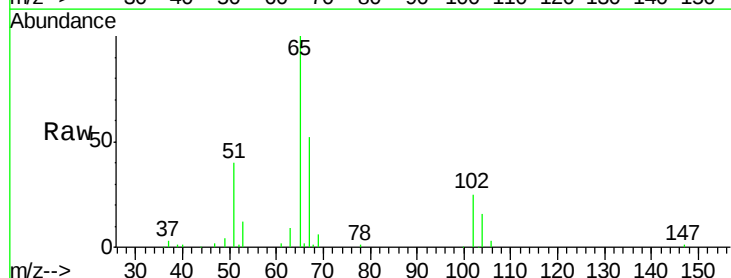
Acq: 23 Apr 2019 16:40

Tgt Ion: 65 Resp: 231430

Ion Ratio Lower Upper

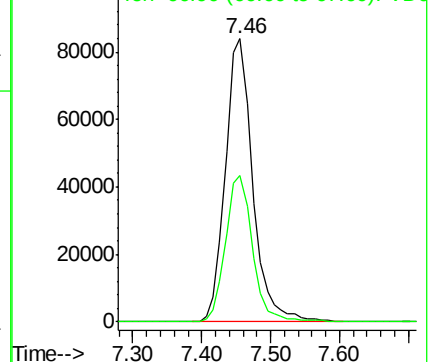
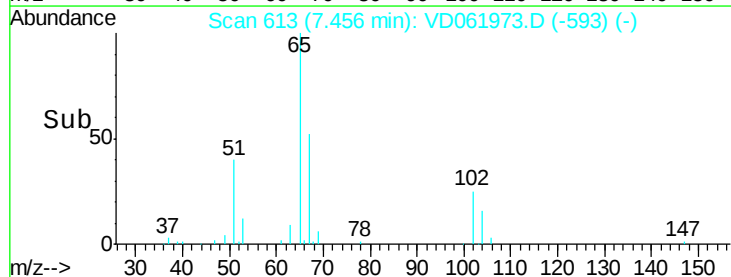
65 100

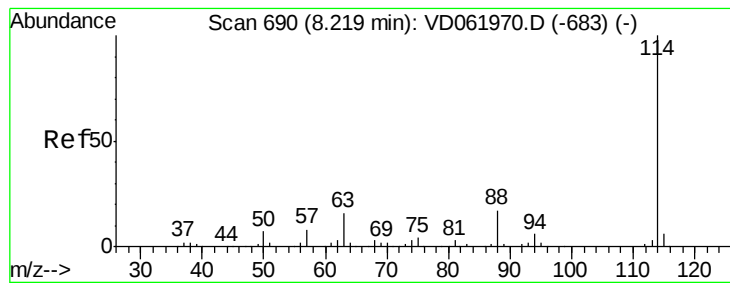
67 51.6 0.0 98.0



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: 8.22 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD061973.D

Acq: 23 Apr 2019 16:40

Instrument :

MSVOA_D

ClientSampleId :

SU-02-041819-A

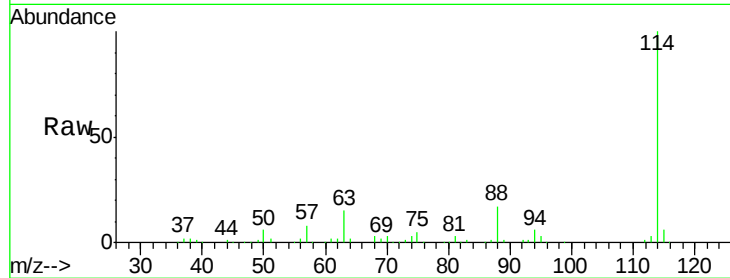
Tot Ion:114 Resp: 995716

Ion Ratio Lower Upper

114 100

63 15.1 0.0 32.4

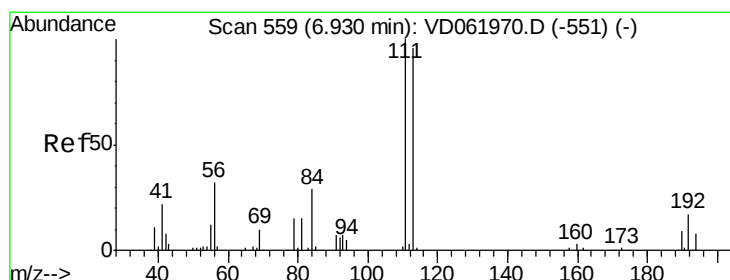
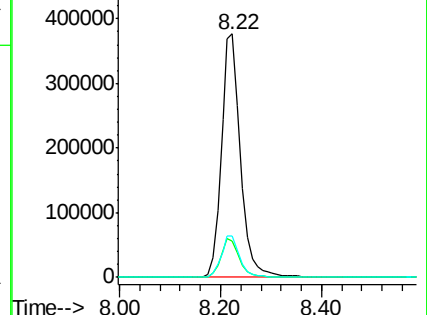
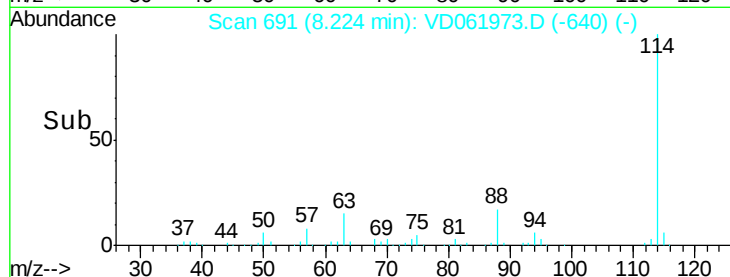
88 17.0 0.0 33.6



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: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD061973.D

Acq: 23 Apr 2019 16:40

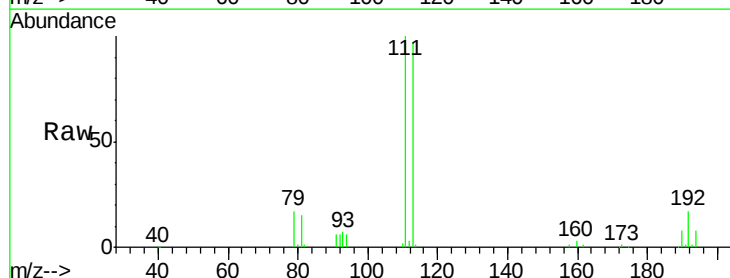
Tgt Ion:113 Resp: 326355

Ion Ratio Lower Upper

113 100

111 103.3 78.5 117.7

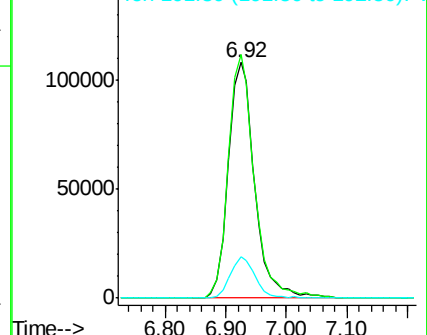
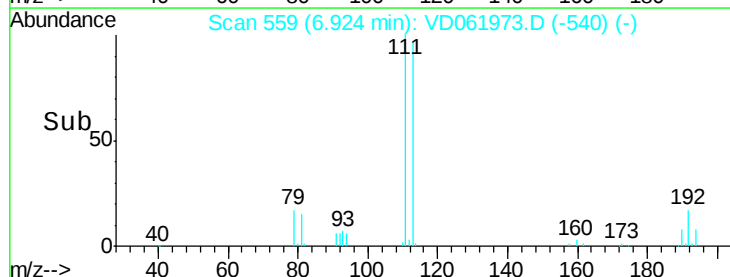
192 17.8 13.0 19.4

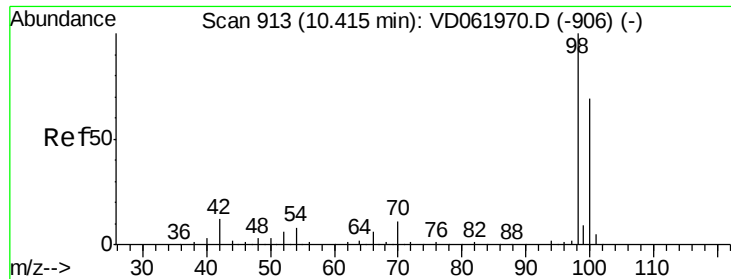


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

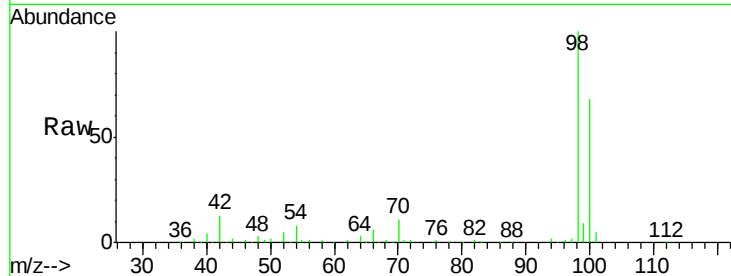




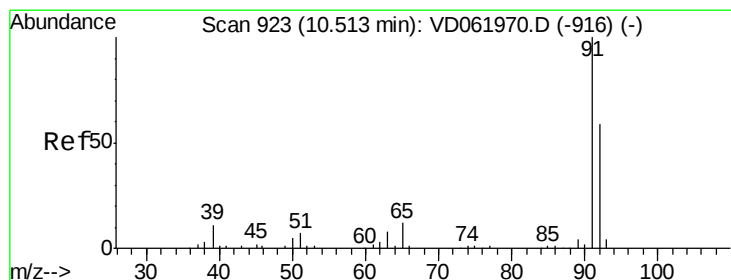
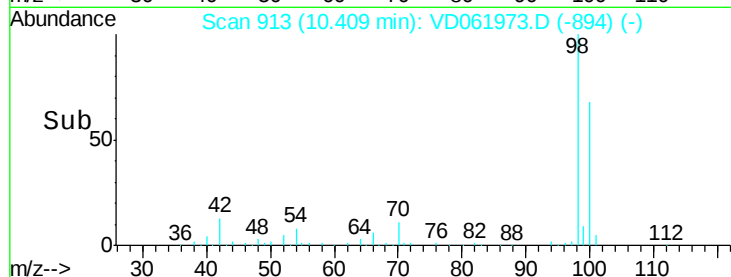
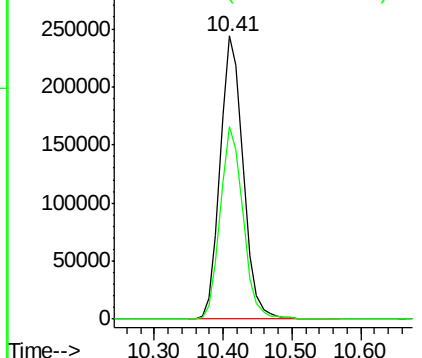
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tot Ion: 98 Resp: 564571
Ion Ratio Lower Upper
98 100
100 68.0 53.8 80.8

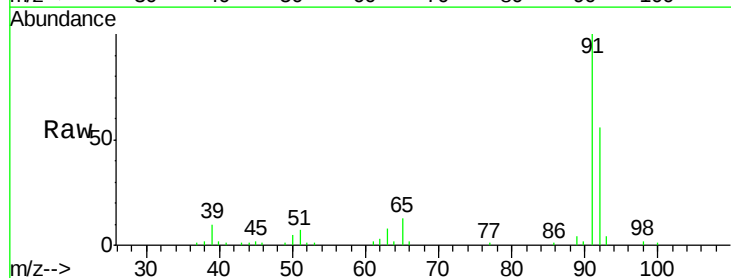


Abundance Ion 98.05 (97.75 to 98.75): VD061973.D (-894) (-)
Ion 100.05 (99.75 to 100.75): VD061973.D (-894) (-)

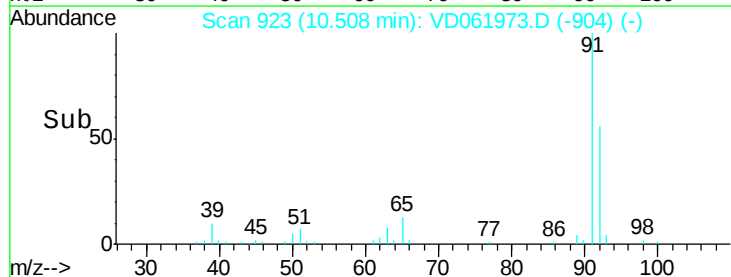
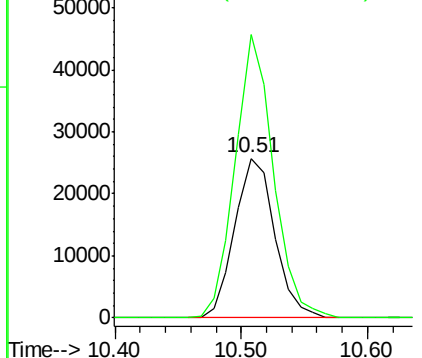


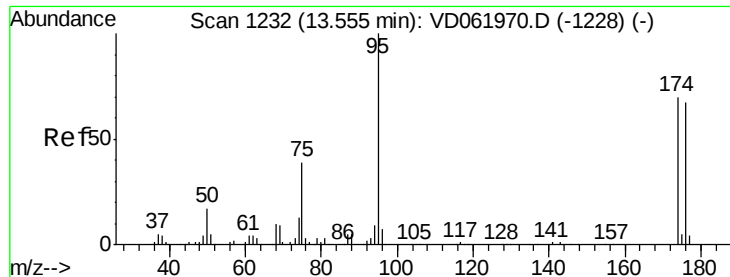
#52
Toluene
Concen: 4.629 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Tgt Ion: 92 Resp: 56690
Ion Ratio Lower Upper
92 100
91 177.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VD061973.D (-904) (-)
Ion 91.00 (90.70 to 91.70): VD061973.D (-904) (-)

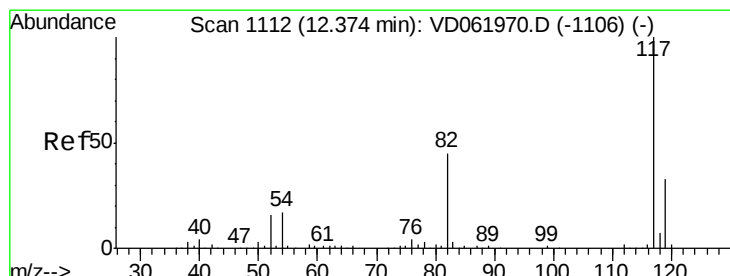
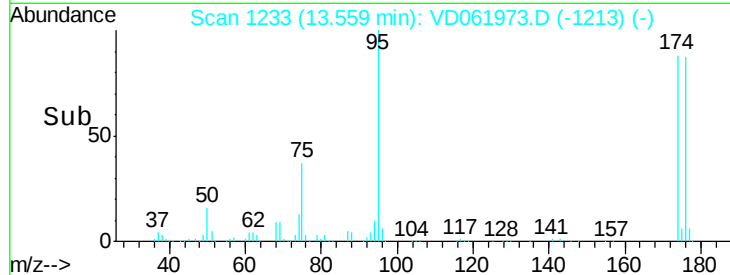
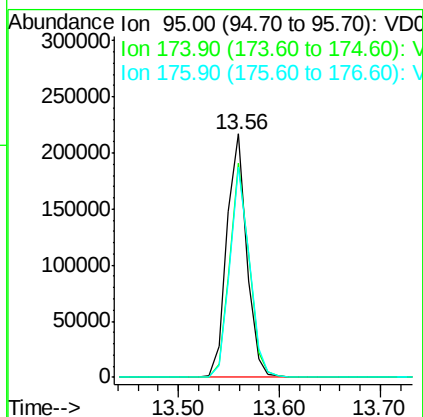
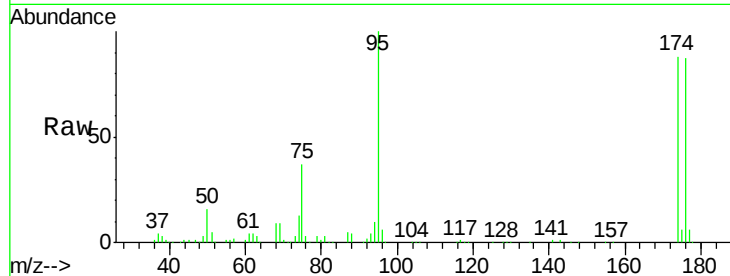




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

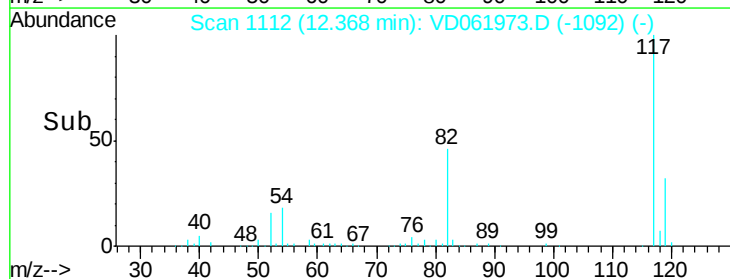
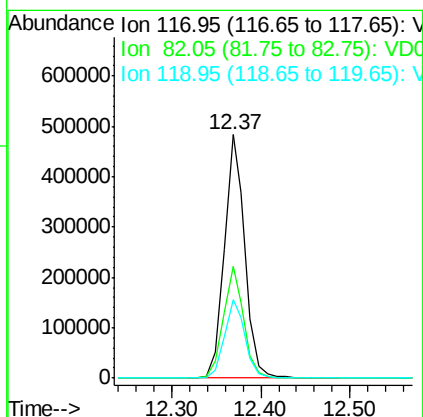
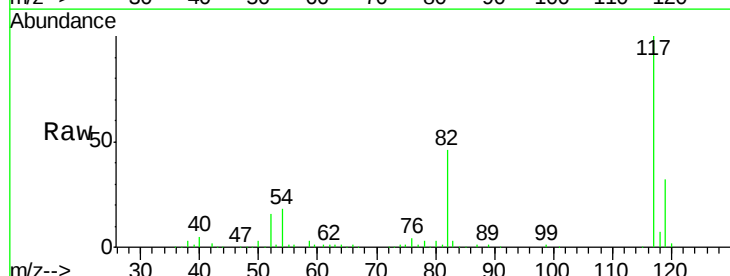
Instrument :
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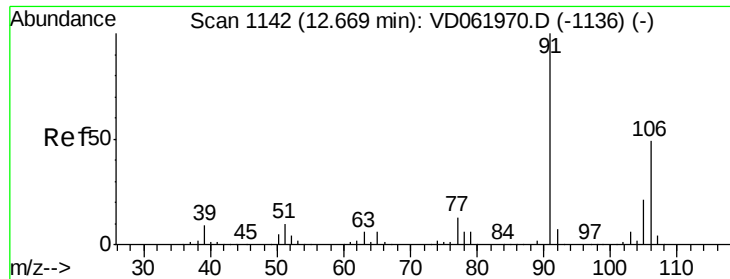
Tot Ion: 95 Resp: 296500
Ion Ratio Lower Upper
95 100
174 88.0 0.0 181.8
176 86.6 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Tgt Ion: 117 Resp: 782150
Ion Ratio Lower Upper
117 100
82 45.8 36.2 54.2
119 32.3 26.2 39.4

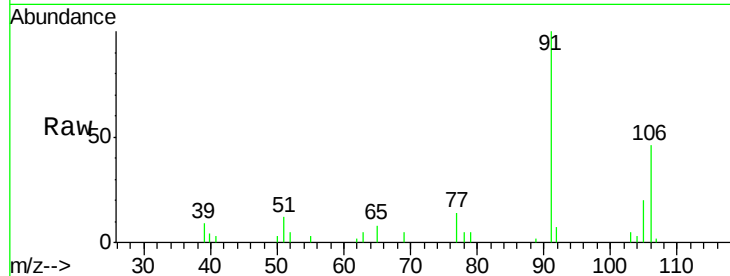




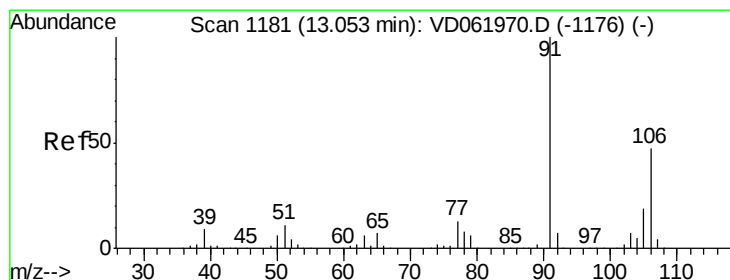
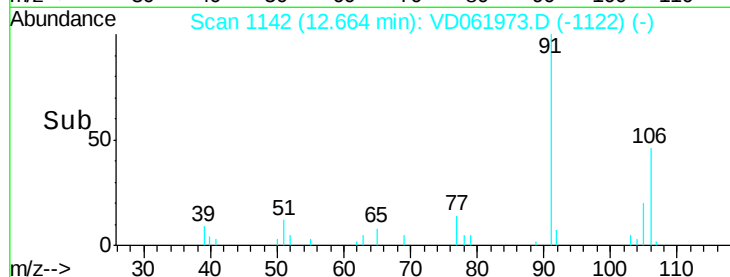
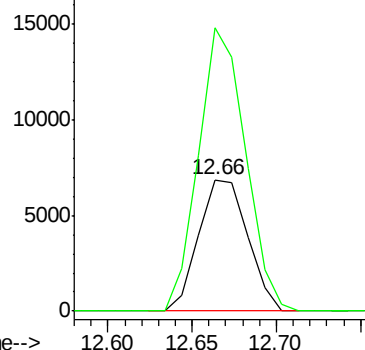
#68
m/p-Xylenes
Concen: 1.589 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tot Ion:106 Resp: 13853
Ion Ratio Lower Upper
106 100
91 215.8 164.0 246.0

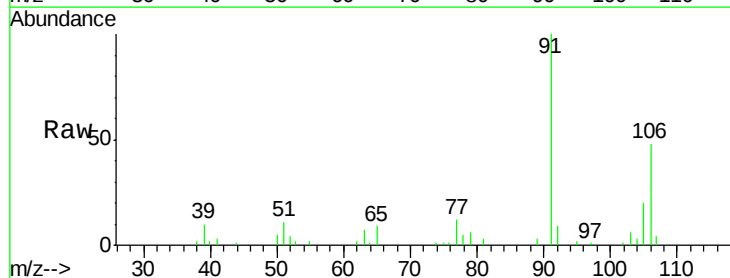


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

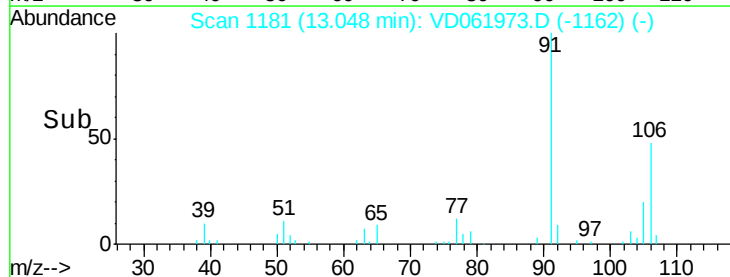
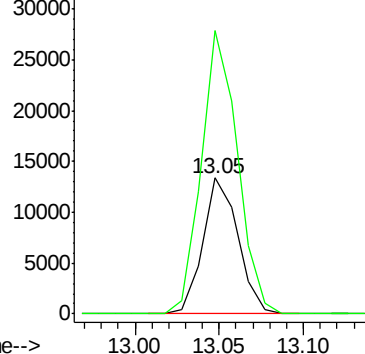


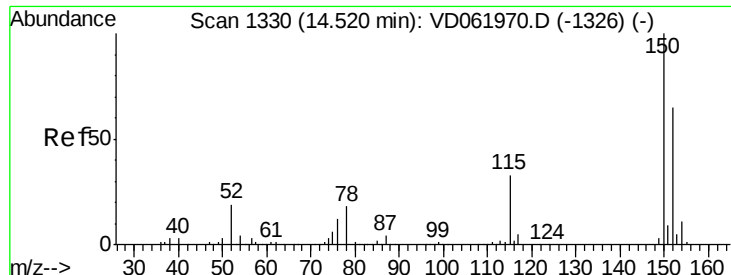
#69
o-Xylene
Concen: 2.415 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Tgt Ion:106 Resp: 19263
Ion Ratio Lower Upper
106 100
91 208.0 106.7 319.9



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

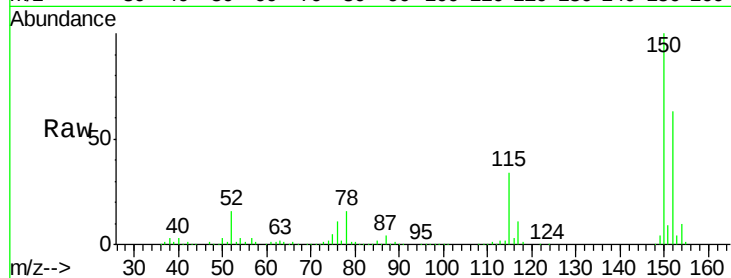




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061973.D
 Acq: 23 Apr 2019 16:40

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-041819-A

Tot Ion:152 Resp: 383698
 Ion Ratio Lower Upper
 152 100
 115 54.1 30.9 92.7
 150 157.6 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

