

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060988.D
 Acq On : 8 Mar 2019 17:18
 Operator : VA/AP
 Sample : K1693-01
 Misc : 4.27g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-030719-A

Quant Time: Mar 09 00:13:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

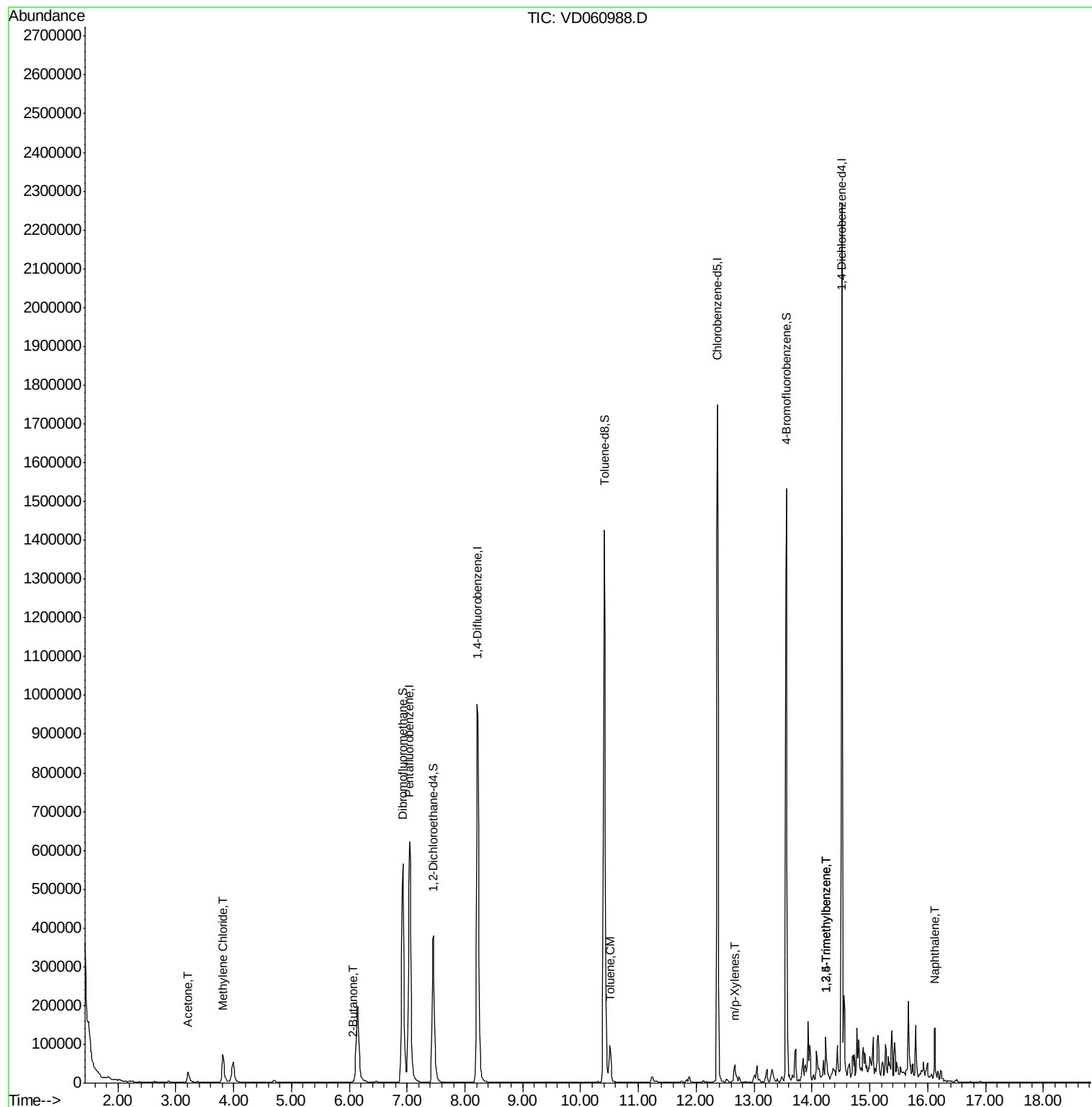
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	627680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1227777	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1100403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	501196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	367014	70.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.50%	
35) Dibromofluoromethane	6.92	113	536568	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
50) Toluene-d8	10.41	98	1285740	56.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.38%	
62) 4-Bromofluorobenzene	13.56	95	505543	56.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.88%	
Target Compounds						
16) Acetone	3.21	43	58091	38.881	ug/l	99
20) Methylene Chloride	3.82	84	52648	3.380	ug/l	91
25) 2-Butanone	6.06	43	5327	3.142	ug/l	97
52) Toluene	10.51	92	52651	3.202	ug/l	96
68) m/p-Xylenes	12.66	106	15324	1.216	ug/l	94
80) 1,3,5-Trimethylbenzene	14.24	105	41643	1.519	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	41643	1.519	ug/l	97
95) Naphthalene	16.13	128	95806	9.901	ug/l	99

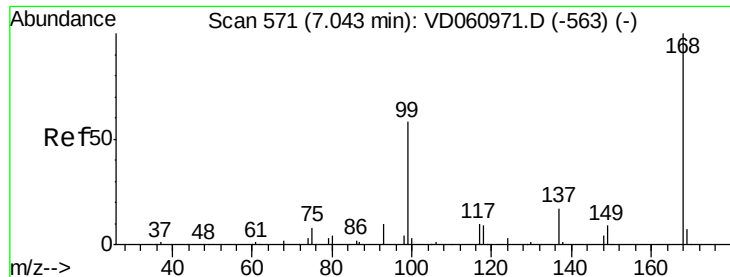
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060988.D
Acq On : 8 Mar 2019 17:18
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Sample : K1693-01
Misc : 4.27g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-030719-A

Quant Time: Mar 09 00:13:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD060988.D

Acq: 8 Mar 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

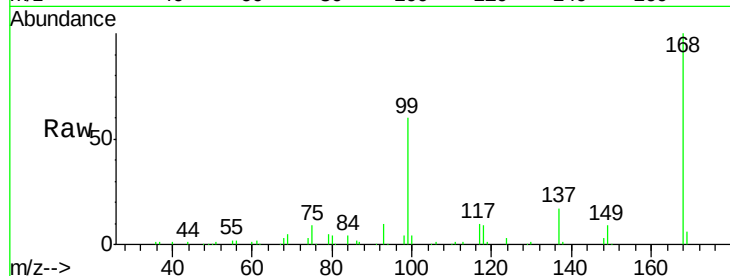
OR-01-030719-A

Tot Ion:168 Resp: 627680

Ion Ratio Lower Upper

168 100

99 60.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

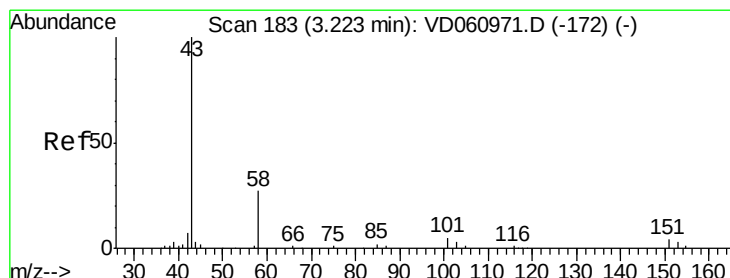
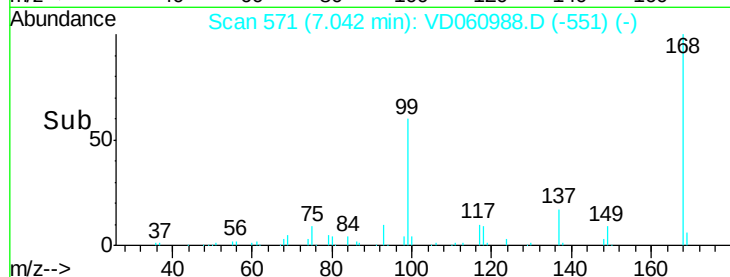
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 38.881 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD060988.D

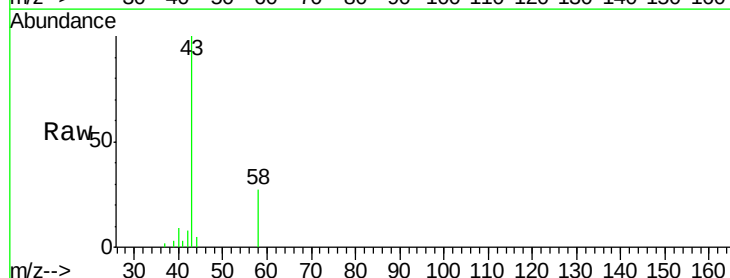
Acq: 8 Mar 2019 17:18

Tgt Ion: 43 Resp: 58091

Ion Ratio Lower Upper

43 100

58 26.5 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

20000

15000

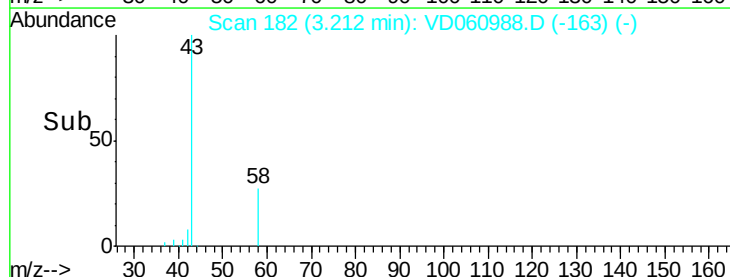
10000

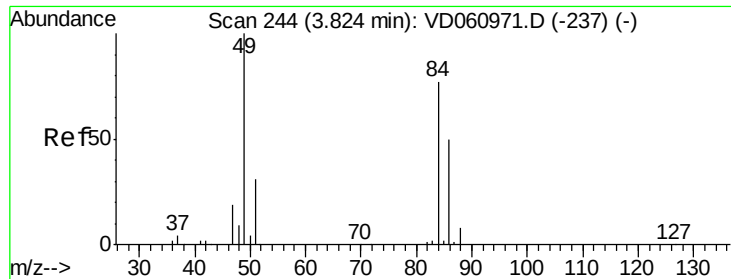
5000

0

3.10 3.20 3.30 3.40

Time-->

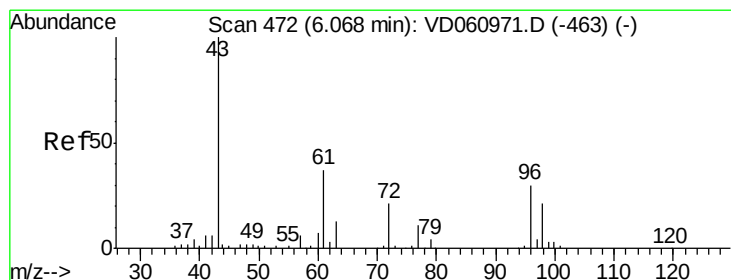
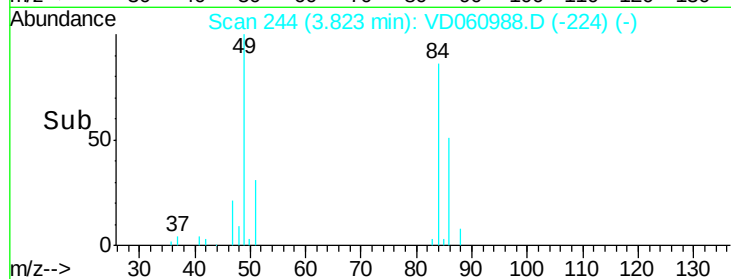
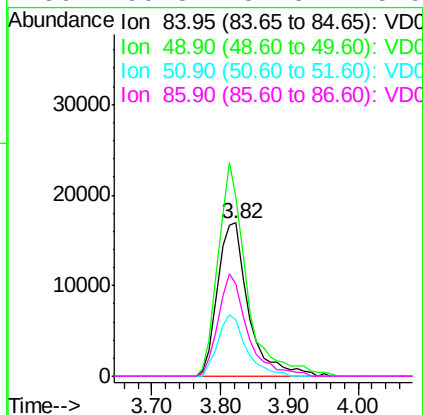
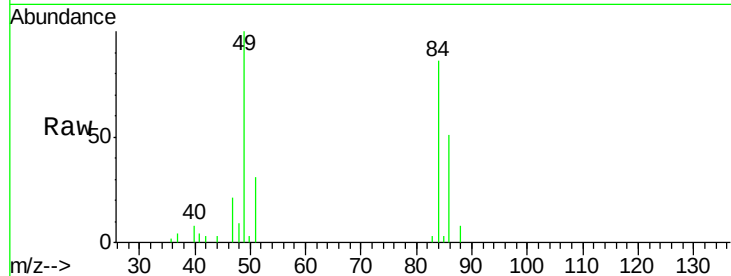




#20
Methylene Chloride
Concen: 3.380 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD060988.D
Acq: 8 Mar 2019 17:18

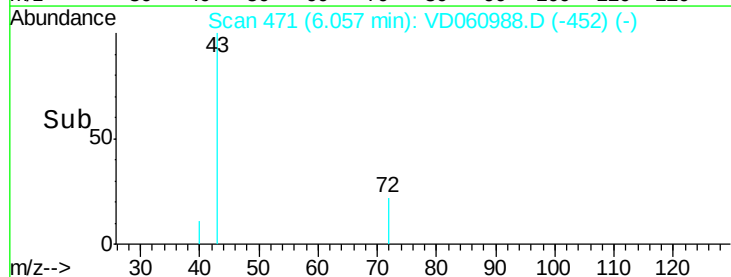
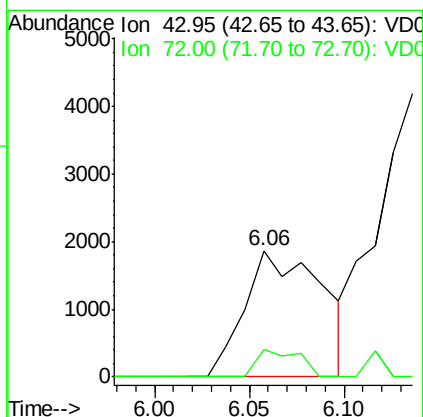
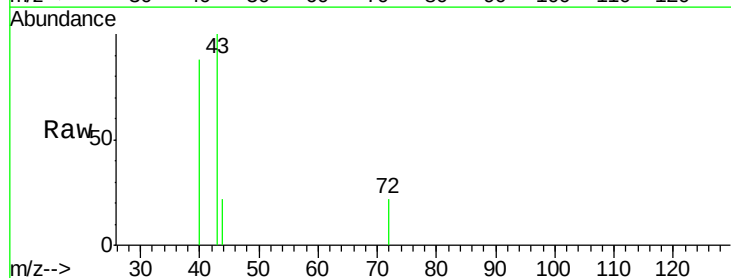
Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-A

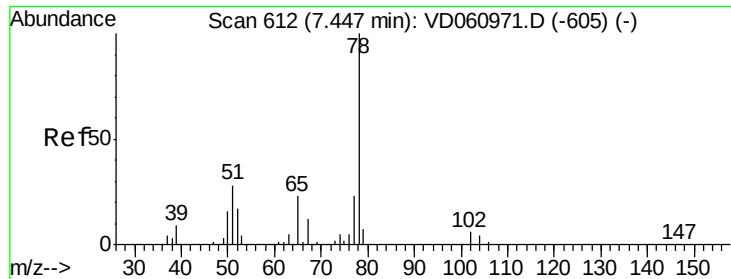
Tot Ion: 84 Resp: 52648
Ion Ratio Lower Upper
84 100
49 116.8 104.2 156.2
51 36.5 32.3 48.5
86 59.8 52.3 78.5



#25
2-Butanone
Concen: 3.142 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD060988.D
Acq: 8 Mar 2019 17:18

Tgt Ion: 43 Resp: 5327
Ion Ratio Lower Upper
43 100
72 22.2 16.7 25.1





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060988.D

Acq: 8 Mar 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

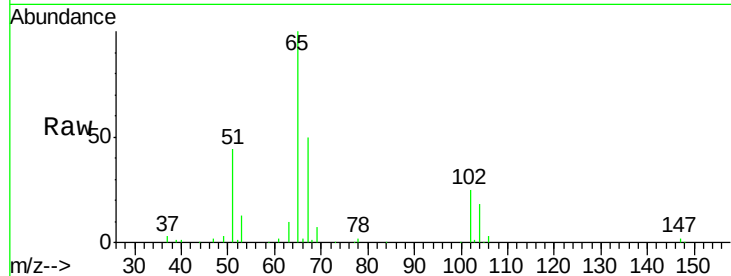
OR-01-030719-A

Tot Ion: 65 Resp: 367014

Ion Ratio Lower Upper

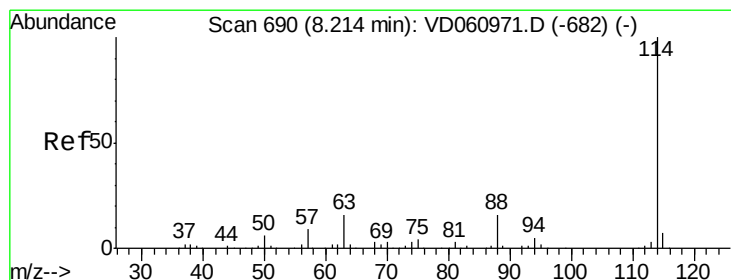
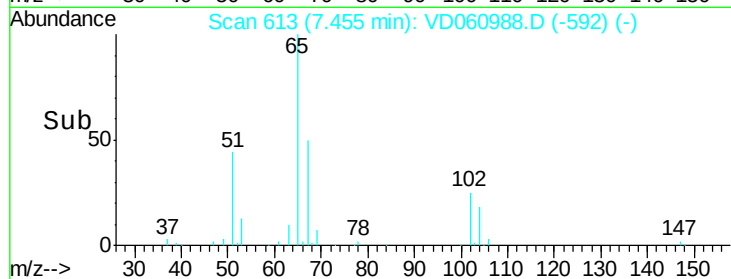
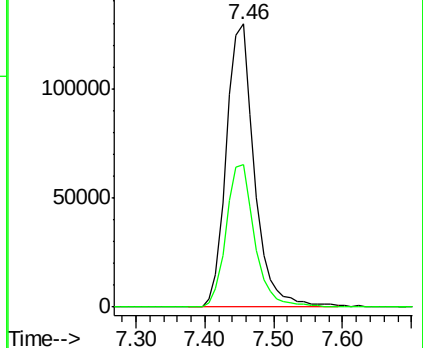
65 100

67 50.4 0.0 105.2



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: 8.21 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD060988.D

Acq: 8 Mar 2019 17:18

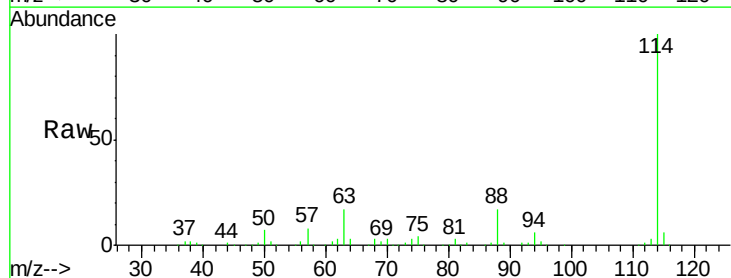
Tgt Ion: 114 Resp: 1227777

Ion Ratio Lower Upper

114 100

63 17.0 0.0 31.4

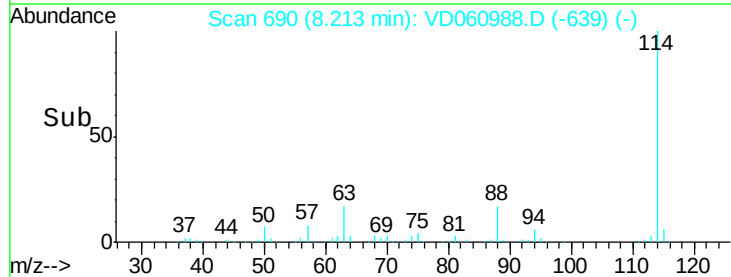
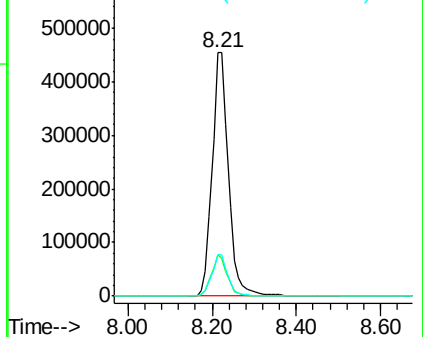
88 17.1 0.0 33.0

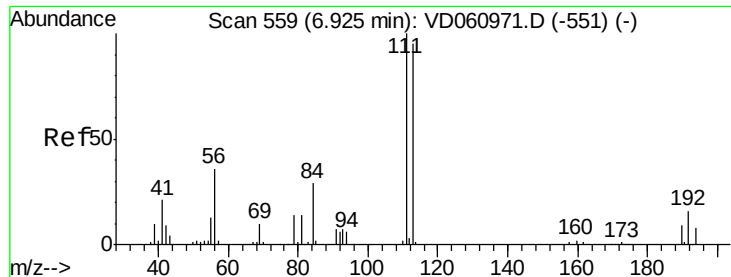


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

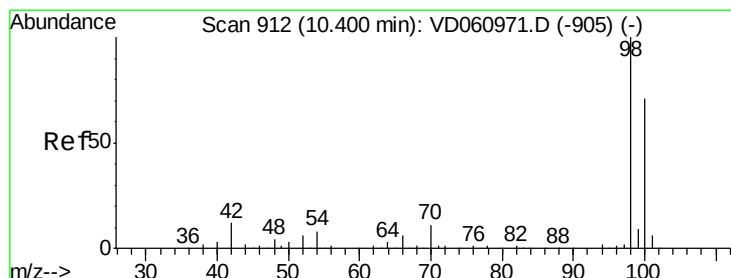
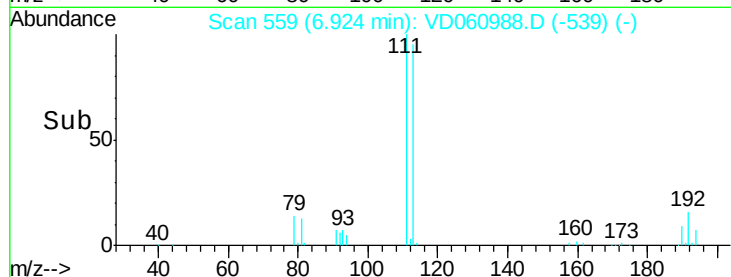
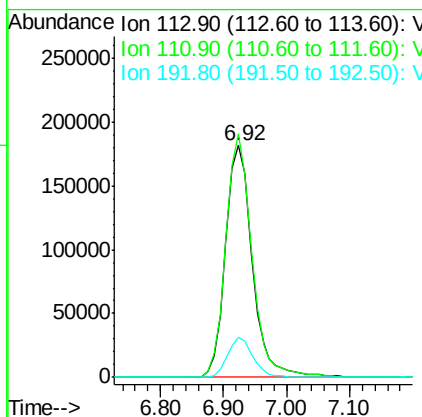
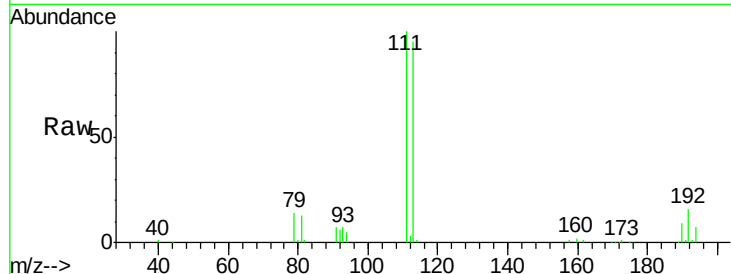




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD060988.D
 Acq: 8 Mar 2019 17:18

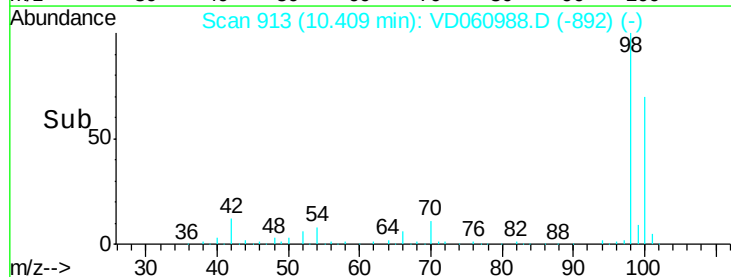
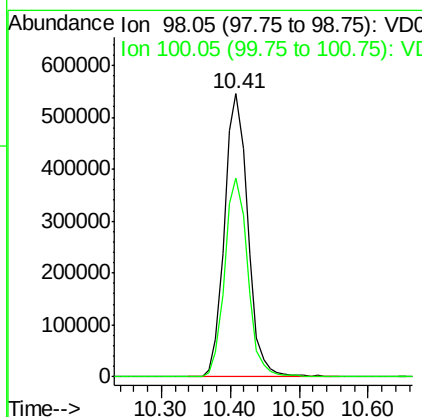
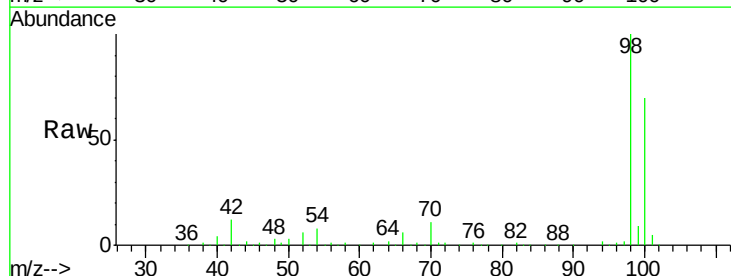
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-030719-A

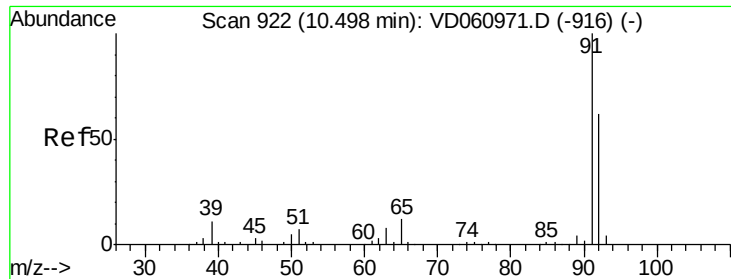
Tot Ion:113 Resp: 536568
 Ion Ratio Lower Upper
 113 100
 111 105.0 84.2 126.4
 192 17.2 13.1 19.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD060988.D
 Acq: 8 Mar 2019 17:18

Tgt Ion: 98 Resp: 1285740
 Ion Ratio Lower Upper
 98 100
 100 70.5 57.4 86.2





#52

Toluene

Concen: 3.202 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD060988.D

Acq: 8 Mar 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

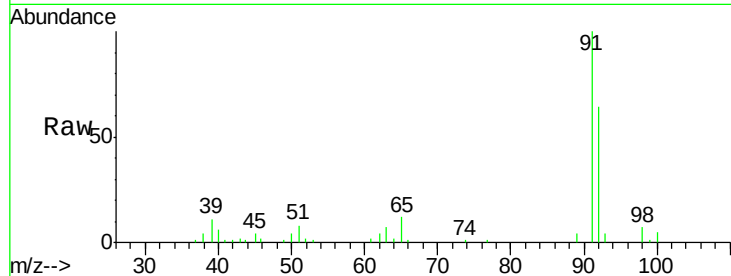
OR-01-030719-A

Tot Ion: 92 Resp: 52651

Ion Ratio Lower Upper

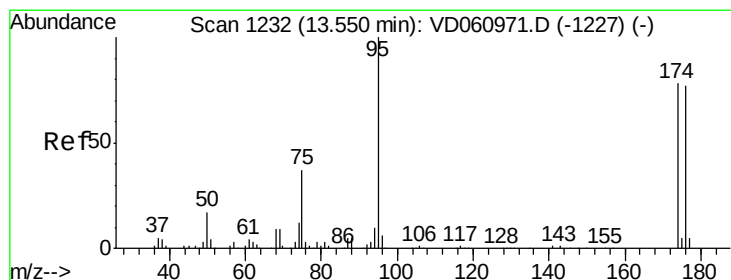
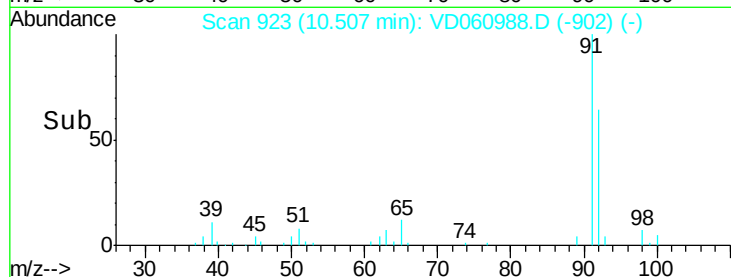
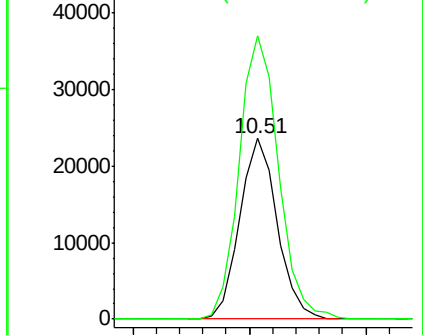
92 100

91 156.9 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD060988.D

Acq: 8 Mar 2019 17:18

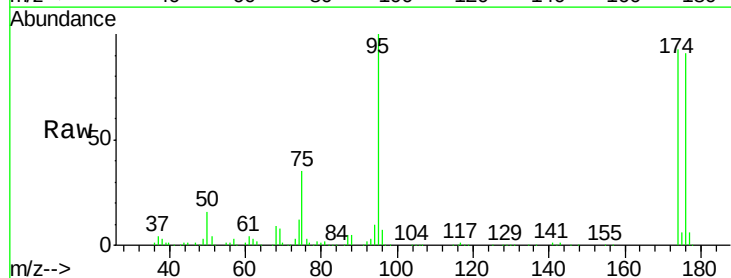
Tgt Ion: 95 Resp: 505543

Ion Ratio Lower Upper

95 100

174 93.3 0.0 155.6

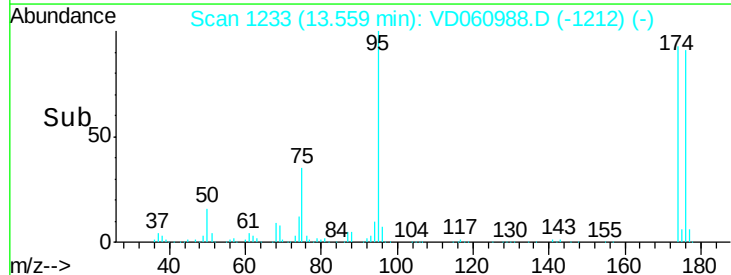
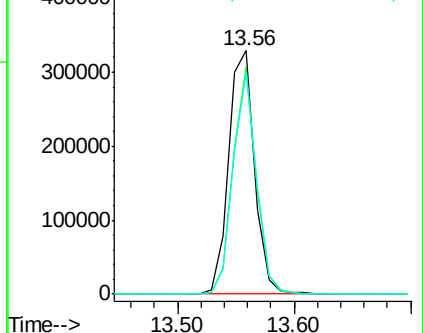
176 90.9 0.0 153.8

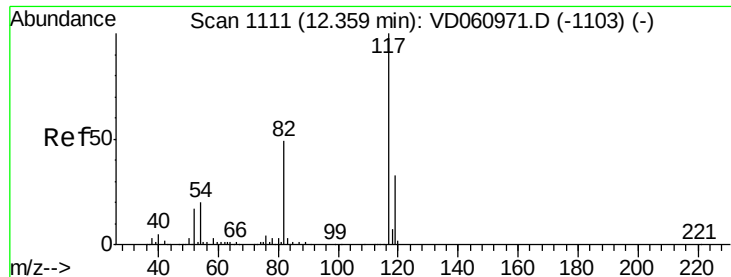


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

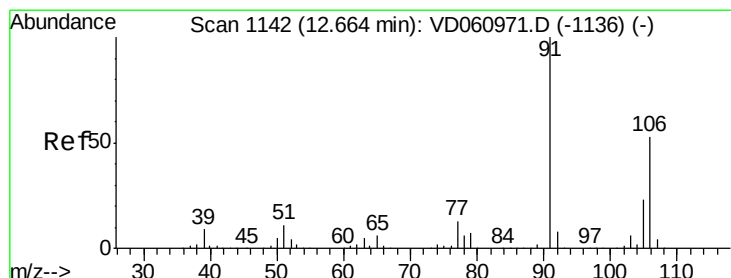
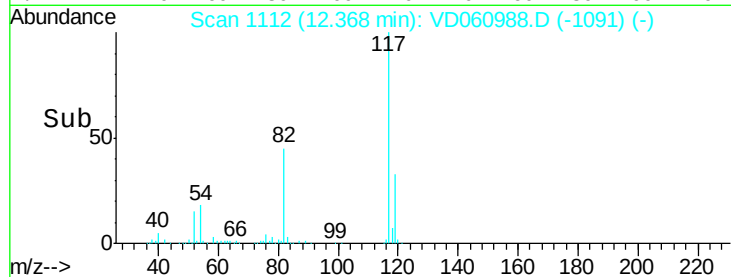
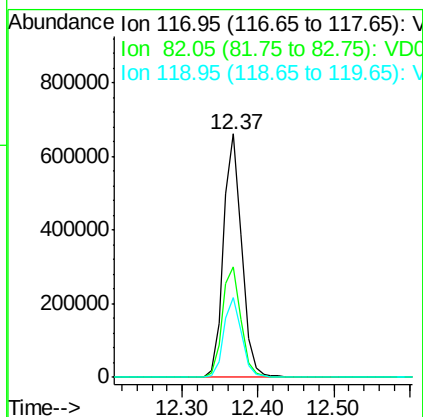
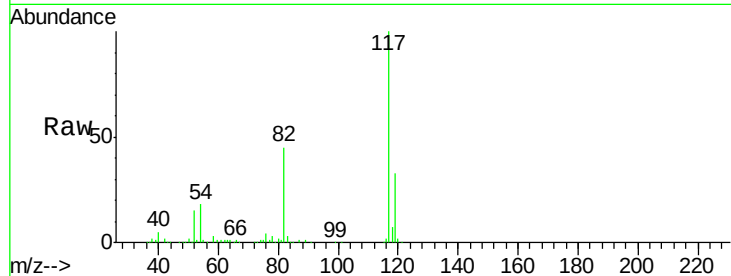




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060988.D
Acq: 8 Mar 2019 17:18

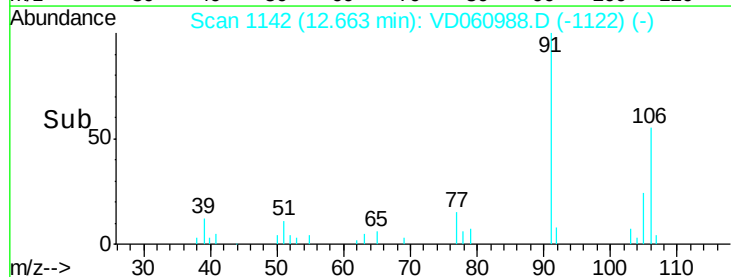
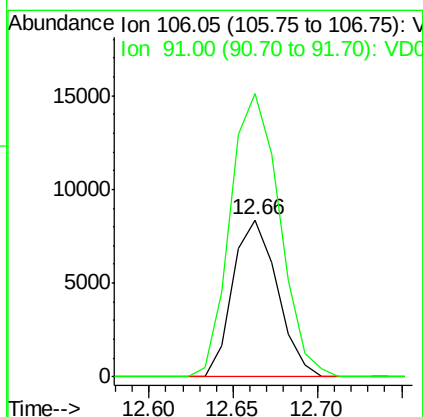
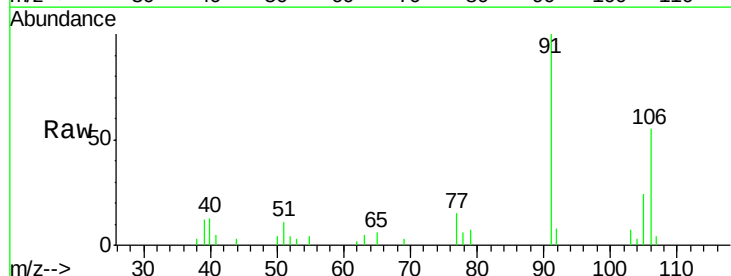
Instrument :
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ClientSampleId :
OR-01-030719-A

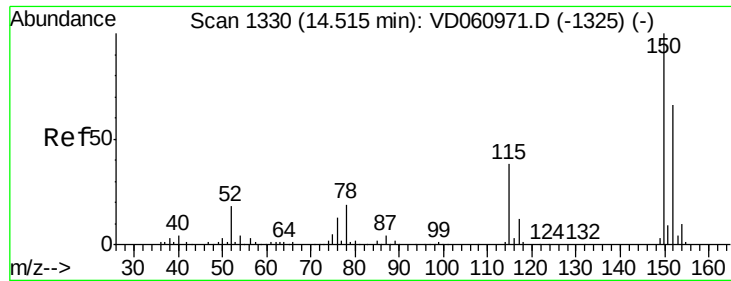
Tot Ion:117 Resp: 1100403
Ion Ratio Lower Upper
117 100
82 45.4 38.9 58.3
119 32.9 26.6 39.8



#68
m/p-Xylenes
Concen: 1.216 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD060988.D
Acq: 8 Mar 2019 17:18

Tgt Ion:106 Resp: 15324
Ion Ratio Lower Upper
106 100
91 180.6 152.0 228.0

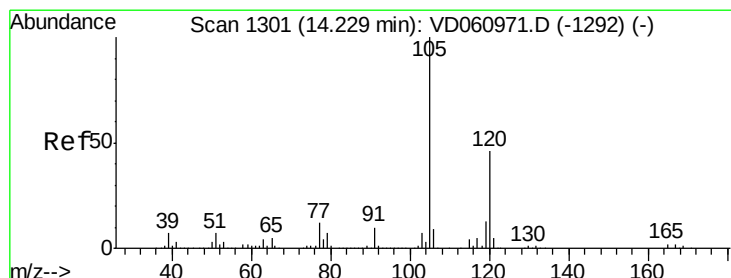
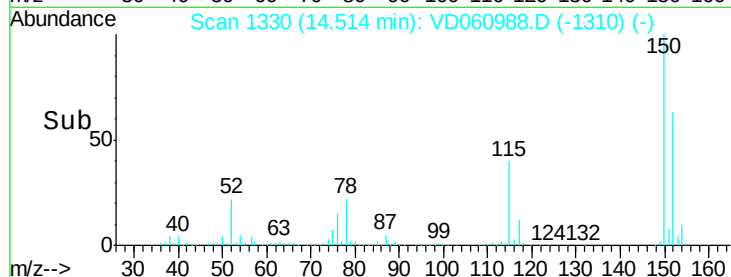
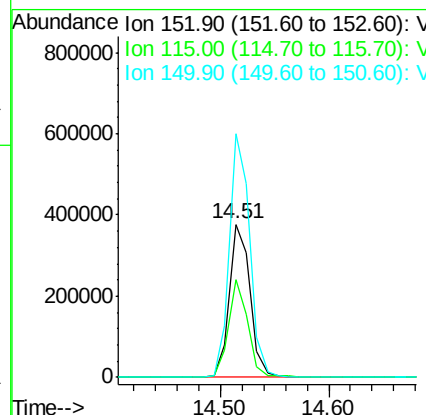
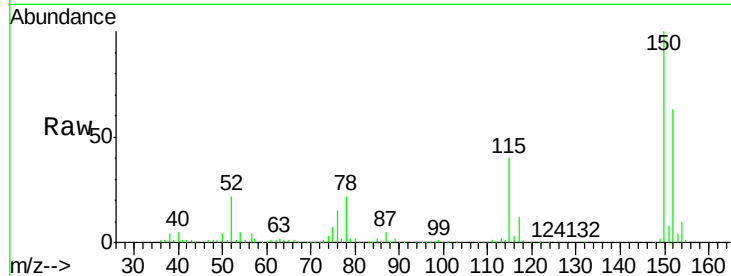




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD060988.D
 Acq: 8 Mar 2019 17:18

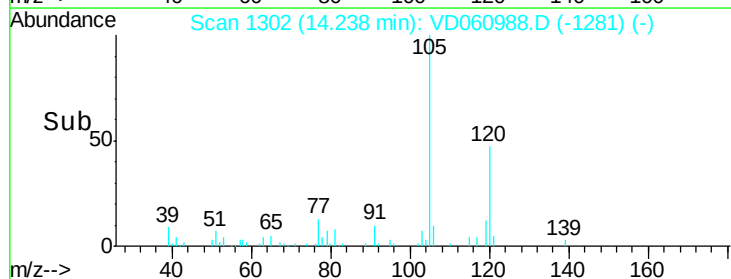
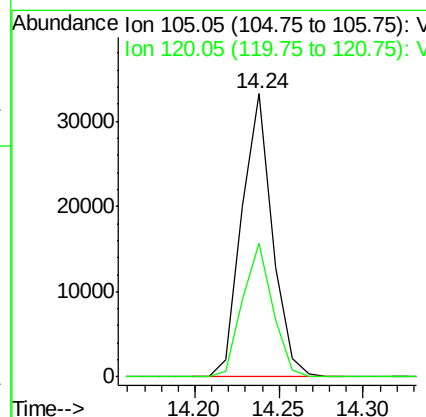
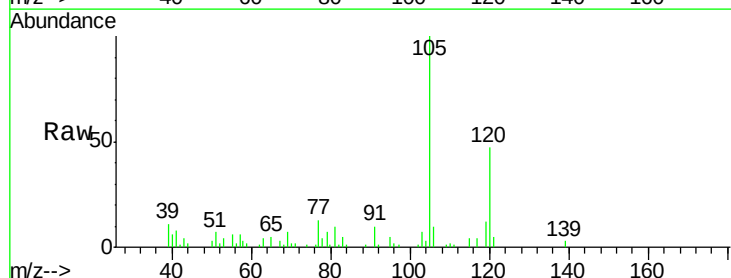
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-030719-A

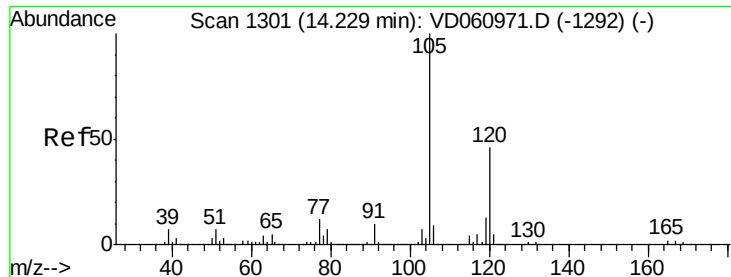
Tot Ion:152 Resp: 501196
 Ion Ratio Lower Upper
 152 100
 115 63.5 28.6 85.9
 150 158.8 0.0 310.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.519 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD060988.D
 Acq: 8 Mar 2019 17:18

Tgt Ion:105 Resp: 41643
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.9 68.5

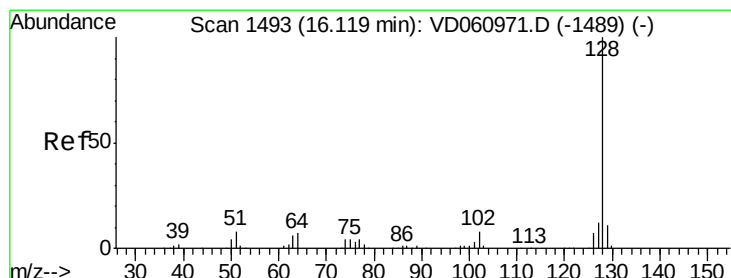
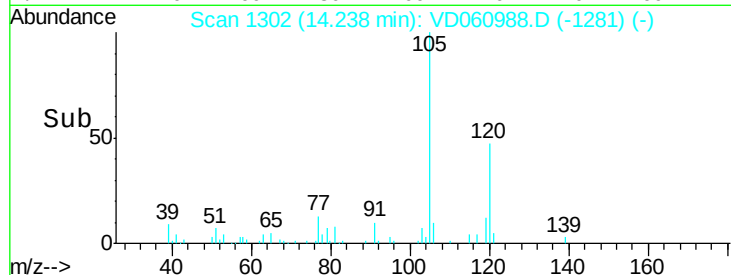
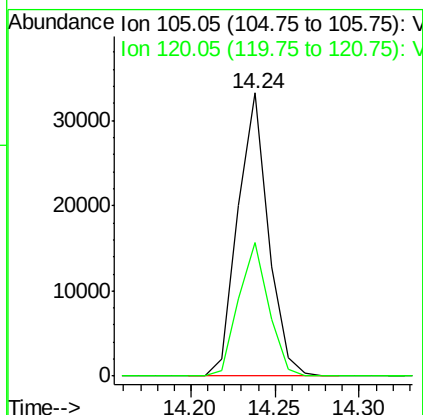
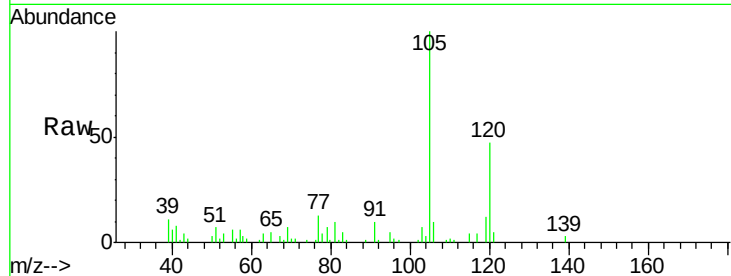




#84
 1,2,4-Trimethylbenzene
 Concen: 1.519 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD060988.D
 Acq: 8 Mar 2019 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-030719-A

Tot Ion:105 Resp: 41643
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.9 68.5



#95
 Naphthalene
 Concen: 9.901 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VD060988.D
 Acq: 8 Mar 2019 17:18

Tgt Ion:128 Resp: 95806
 Ion Ratio Lower Upper
 128 100
 127 13.0 9.8 14.8
 129 10.4 8.5 12.7

