

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011123.D
 Acq On : 27 Jul 2019 05:03
 Operator : JC/SP
 Sample : K3620-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-072519-B

Quant Time: Jul 27 07:08:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	142043	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	106635	52.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.06%	
35) Dibromofluoromethane	5.50	113	97584	49.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	385073	52.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.13	95	136833	50.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.54%	

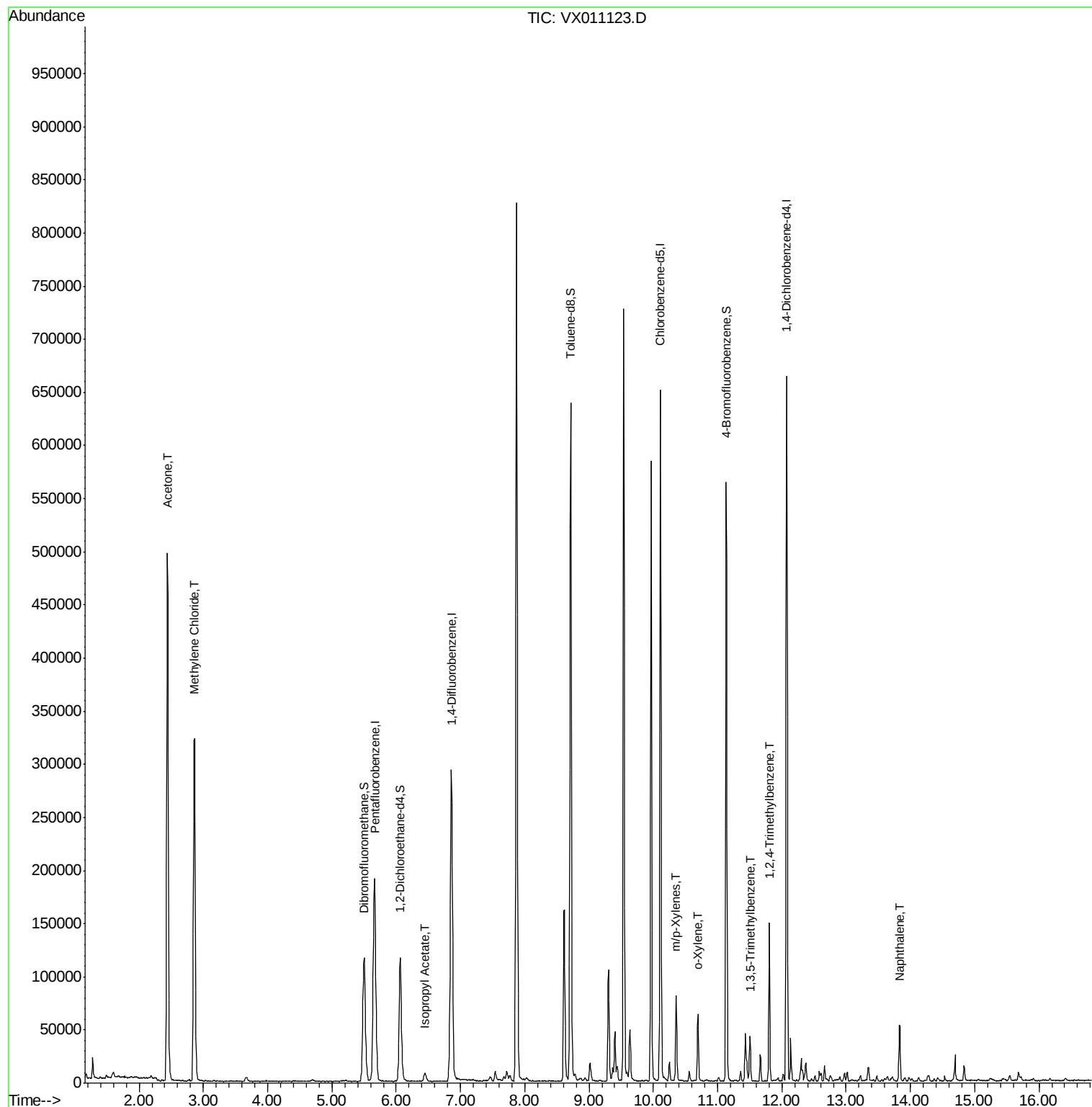
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	514396	555.716	ug/l	98
20) Methylene Chloride	2.86	84	160411	81.774	ug/l	98
43) Isopropyl Acetate	6.45	43	11190	2.601	ug/l	99
68) m/p-Xylenes	10.35	106	19060	4.719	ug/l	98
69) o-Xylene	10.69	106	6862	1.741	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	18028	2.248	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	62758	7.764	ug/l	99
95) Naphthalene	13.83	128	34690	3.807	ug/l	99

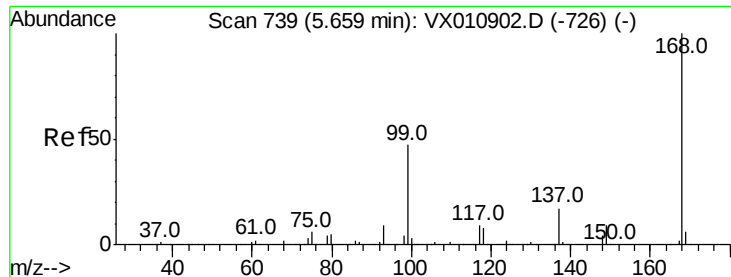
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072619\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

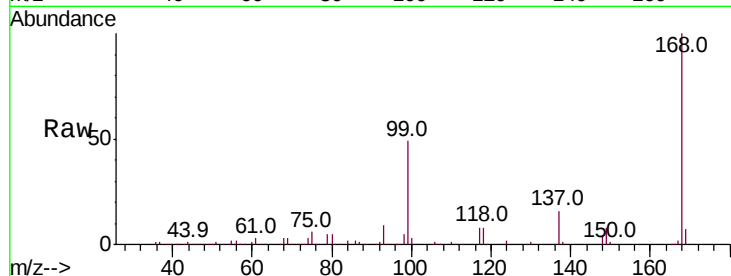
CL-02-072519-B

Tot Ion:168 Resp: 192648

Ion Ratio Lower Upper

168 100

99 49.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

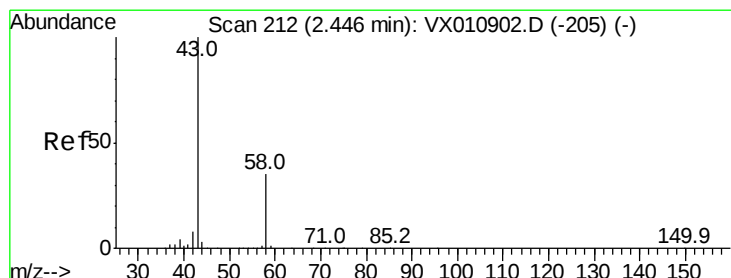
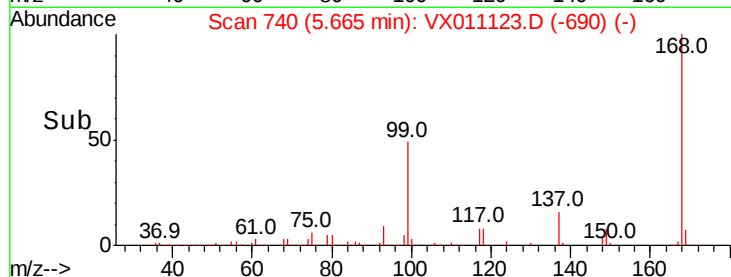
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 555.716 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011123.D

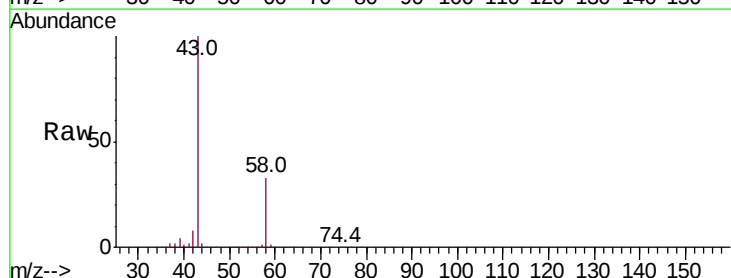
Acq: 27 Jul 2019 05:03

Tgt Ion: 43 Resp: 514396

Ion Ratio Lower Upper

43 100

58 33.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

300000

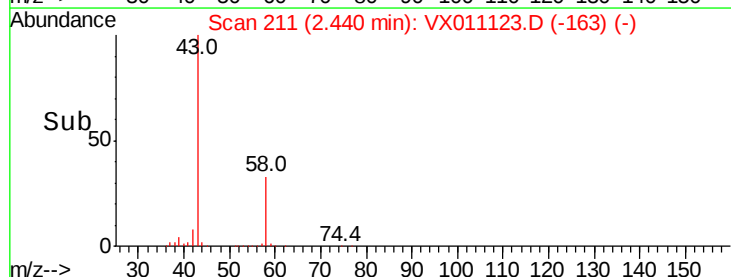
200000

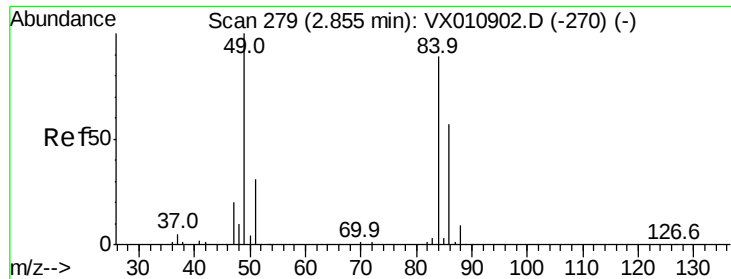
100000

0

2.40 2.50 2.60

Time-->

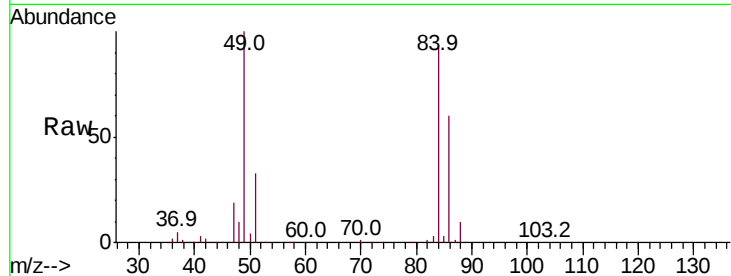




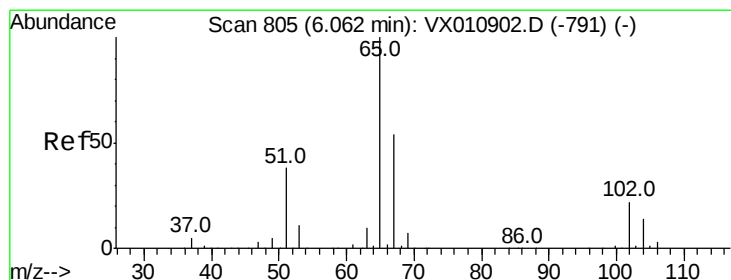
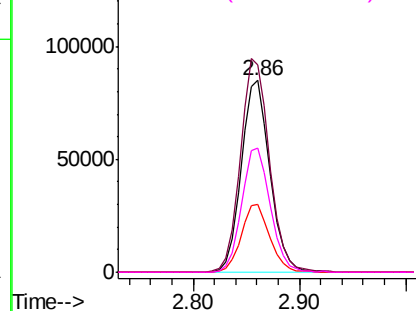
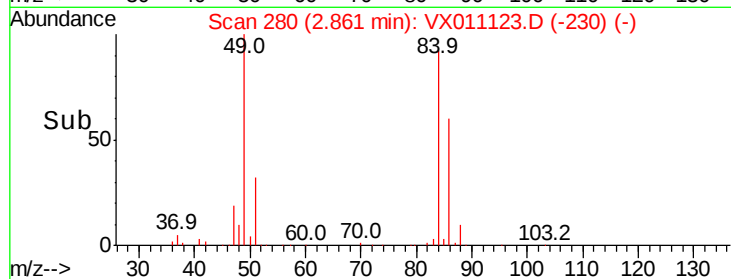
#20
Methvlene Chloride
Concen: 81.774 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-B

Tot Ion: 84 Resp: 160411
Ion Ratio Lower Upper
84 100
49 108.1 89.9 134.9
51 35.2 27.8 41.6
86 64.7 51.8 77.6

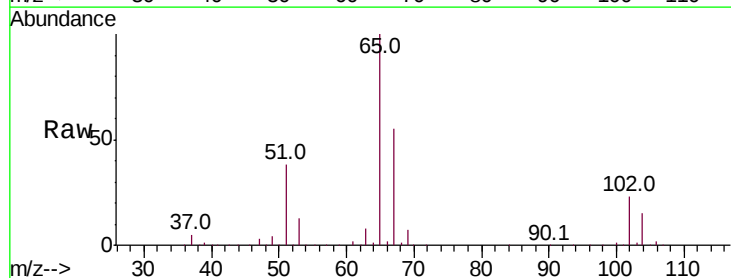


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

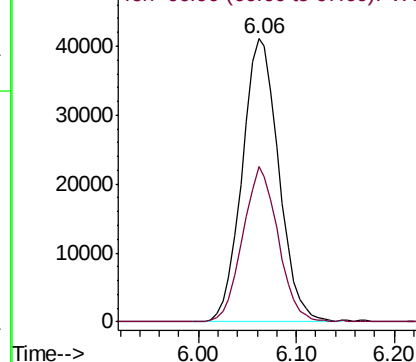
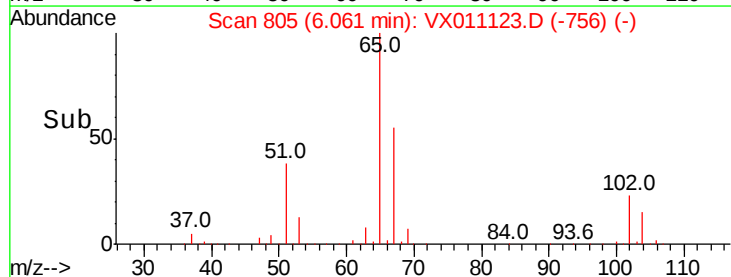


#33
1,2-Dichloroethane-d4
Concen: 52.030 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion: 65 Resp: 106635
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-B

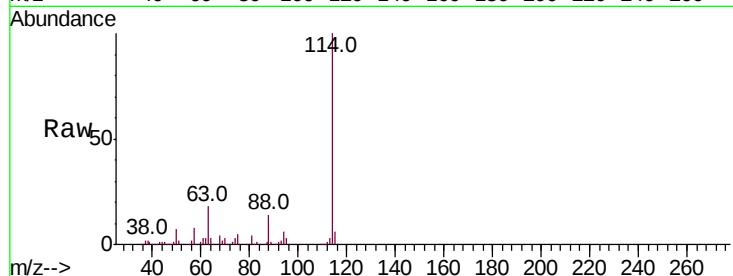
Tot Ion:114 Resp: 311089

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

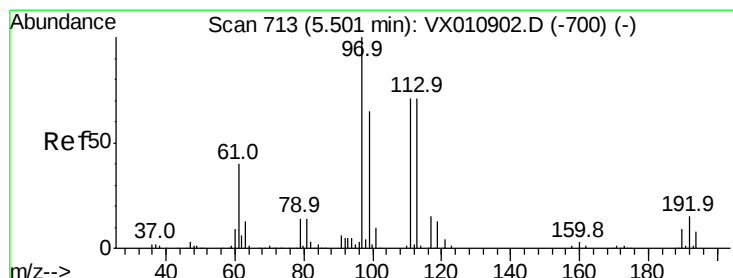
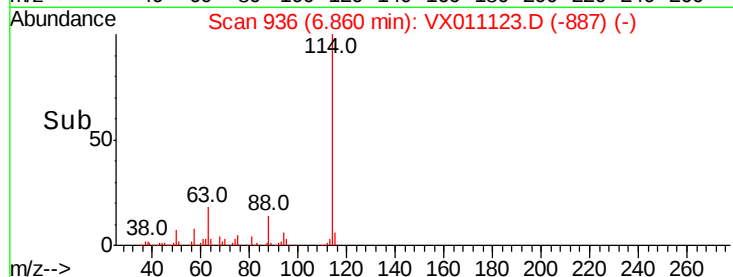
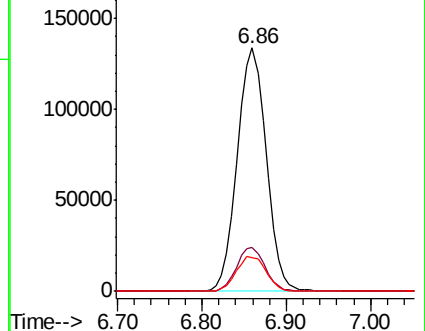
88 14.0 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.421 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

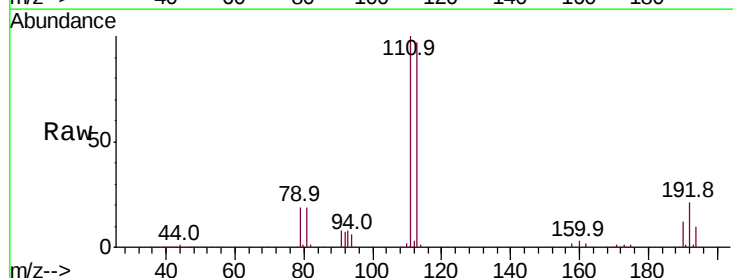
Tgt Ion:113 Resp: 97584

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

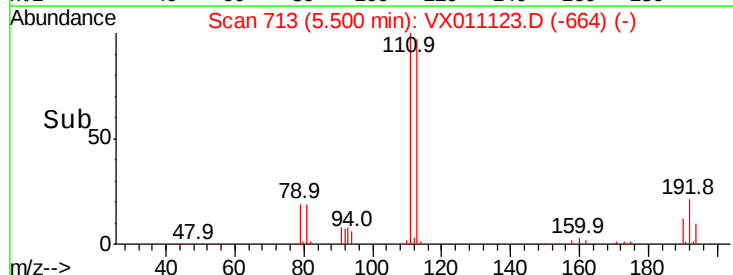
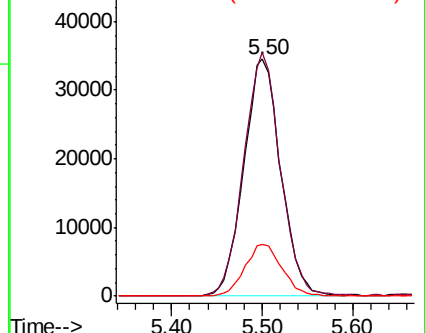
192 22.0 17.4 26.2

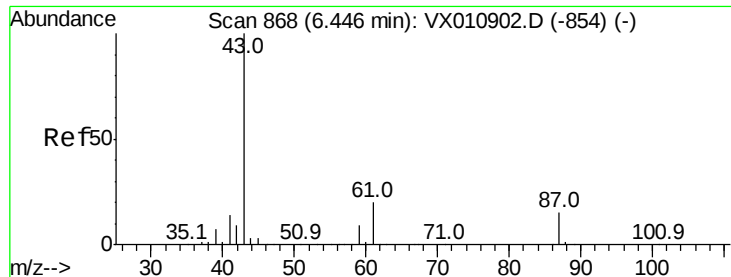


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.601 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-B

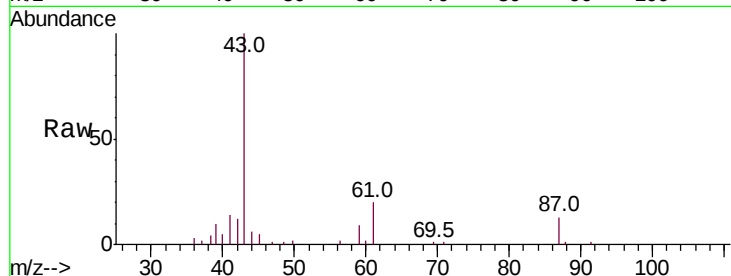
Tot Ion: 43 Resp: 11190

Ion Ratio Lower Upper

43 100

61 21.6 17.1 25.7

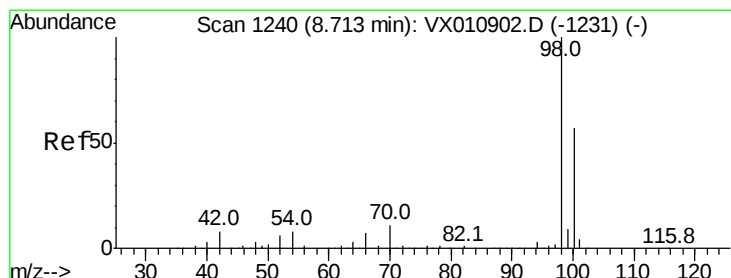
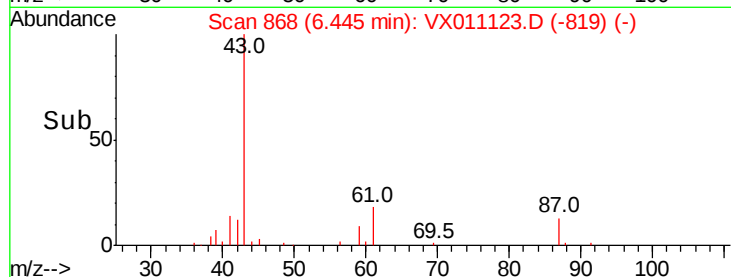
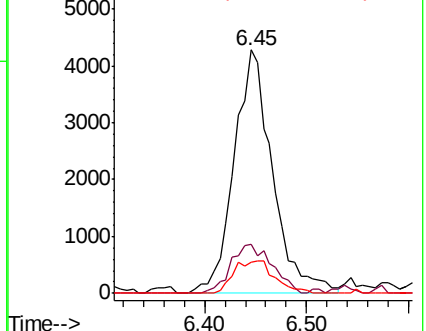
87 14.3 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.996 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011123.D

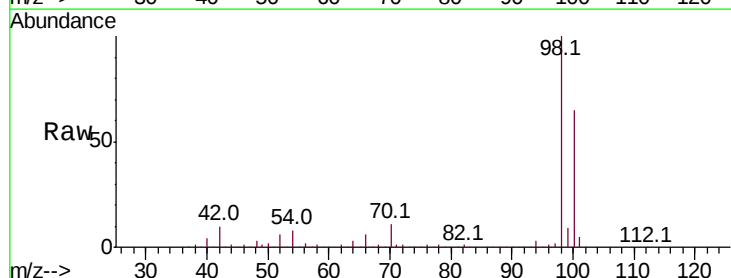
Acq: 27 Jul 2019 05:03

Tgt Ion: 98 Resp: 385073

Ion Ratio Lower Upper

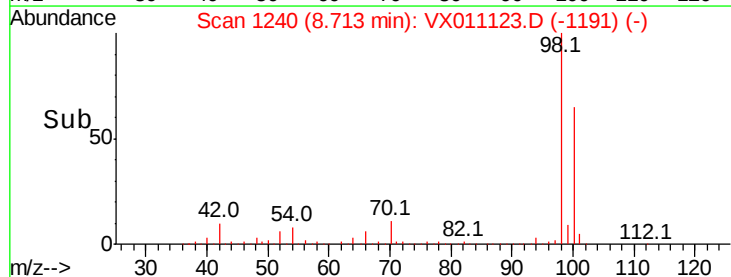
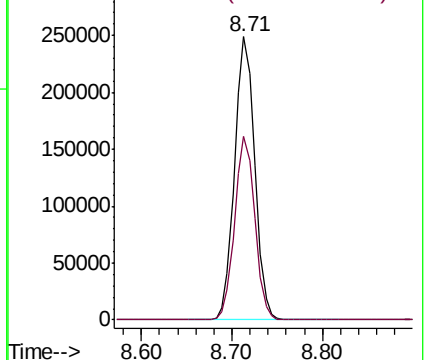
98 100

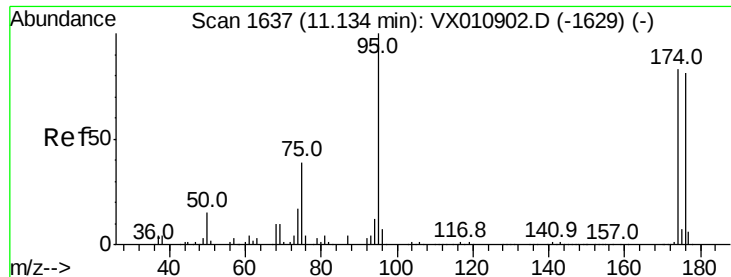
100 64.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.266 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-B

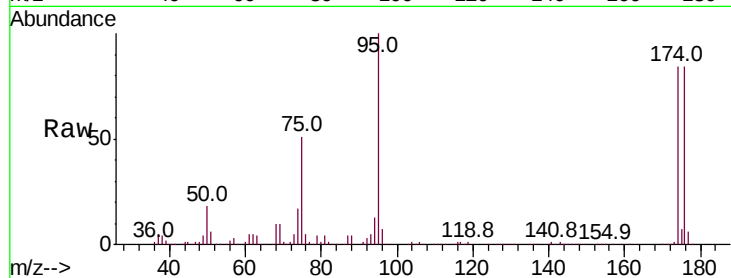
Tot Ion: 95 Resp: 136833

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.6

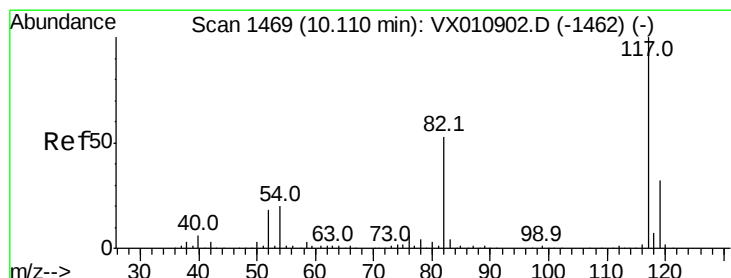
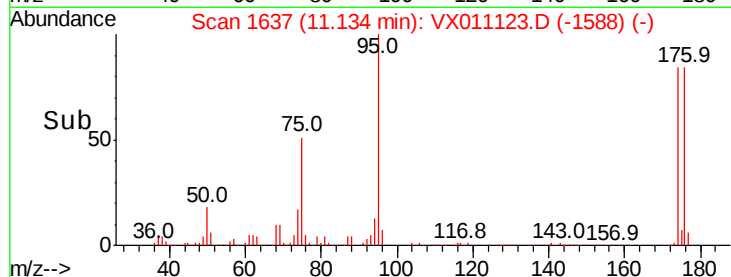
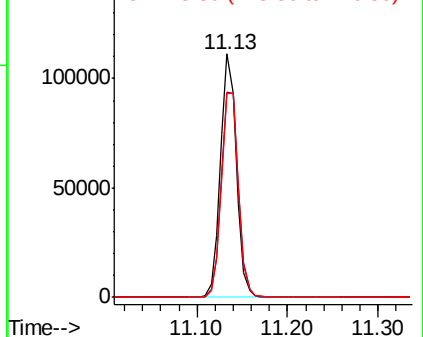
176 89.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

150000 Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

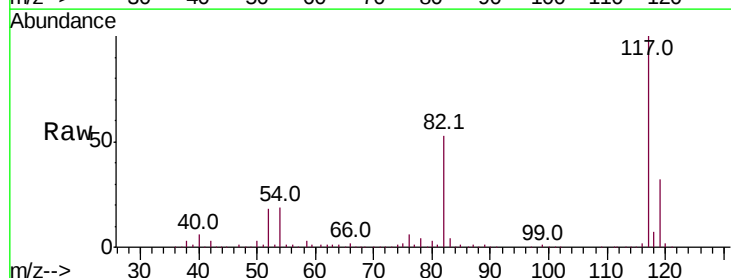
Tgt Ion: 117 Resp: 301179

Ion Ratio Lower Upper

117 100

82 52.8 42.6 63.8

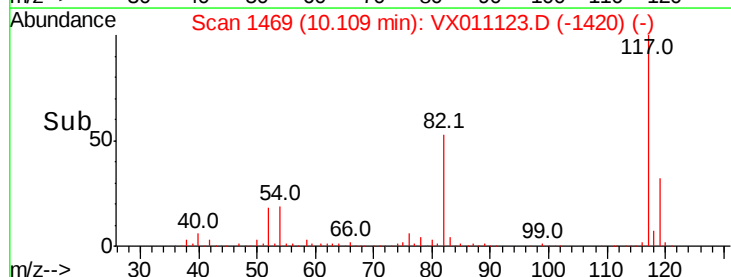
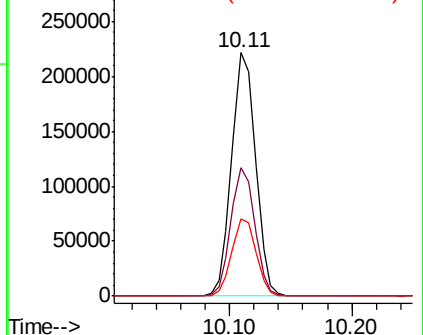
119 31.5 25.9 38.9

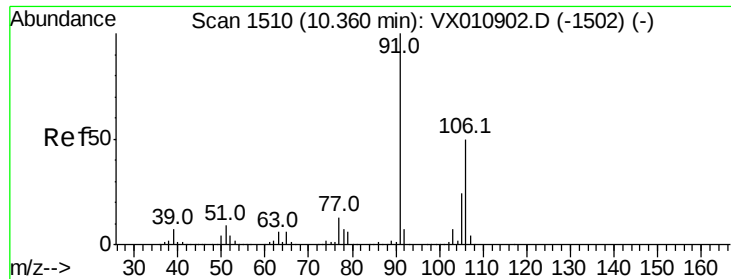


Abundance Ion 116.90 (116.60 to 117.60): V

300000 Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

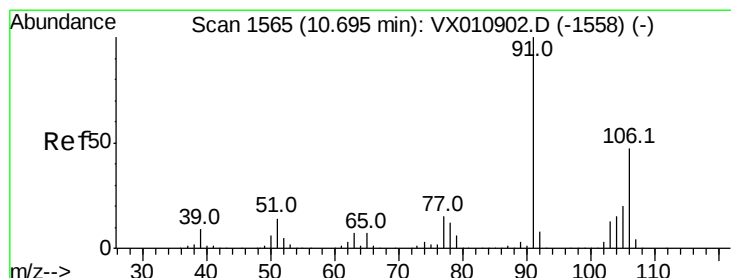
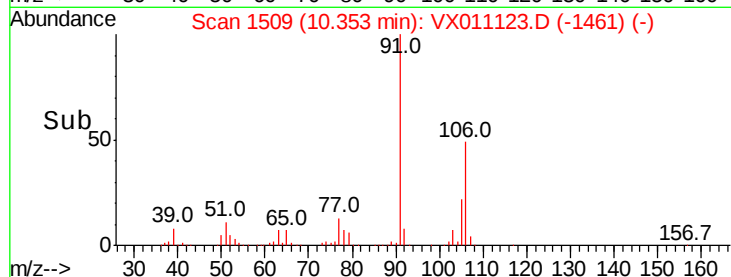
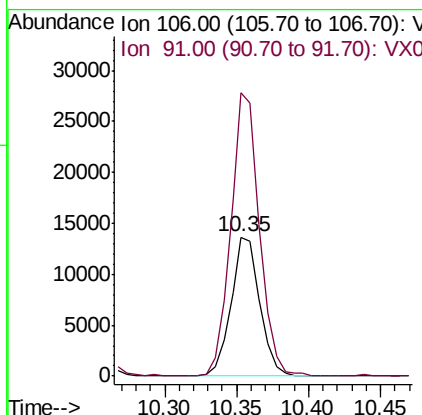
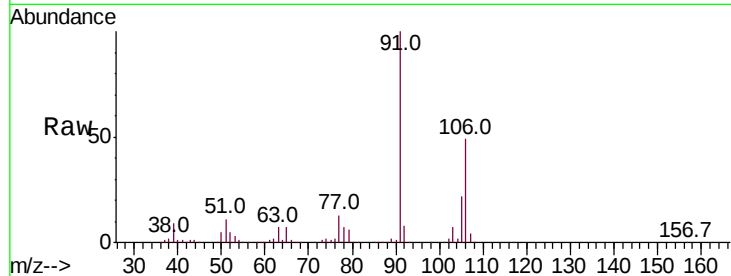




#68
m/p-Xylenes
Concen: 4.719 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

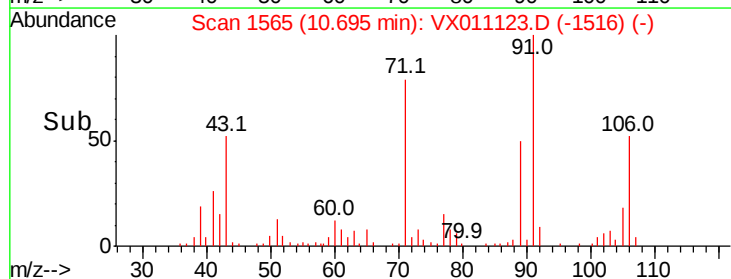
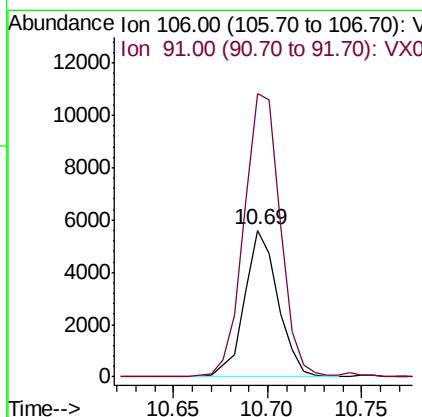
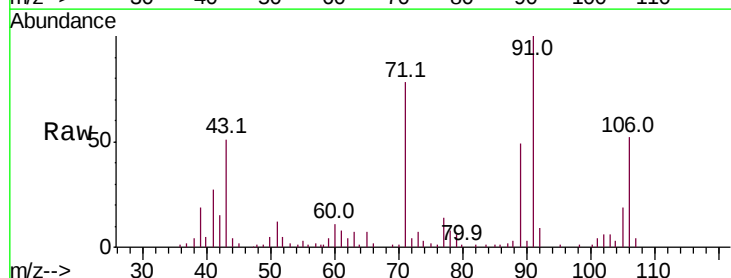
Instrument :
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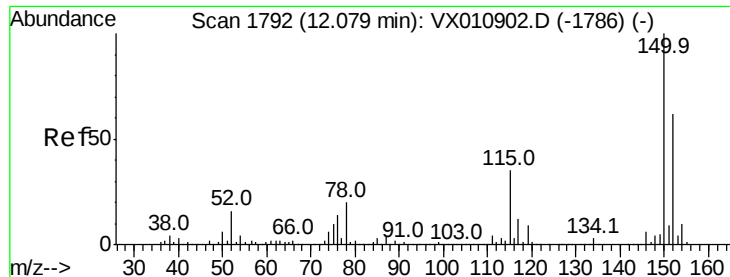
Tot Ion:106 Resp: 19060
Ion Ratio Lower Upper
106 100
91 203.3 160.1 240.1



#69
o-Xylene
Concen: 1.741 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion:106 Resp: 6862
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-B

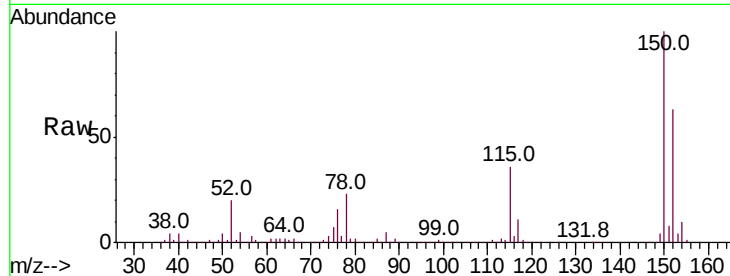
Tot Ion:152 Resp: 142043

Ion Ratio Lower Upper

152 100

115 56.4 39.7 119.1

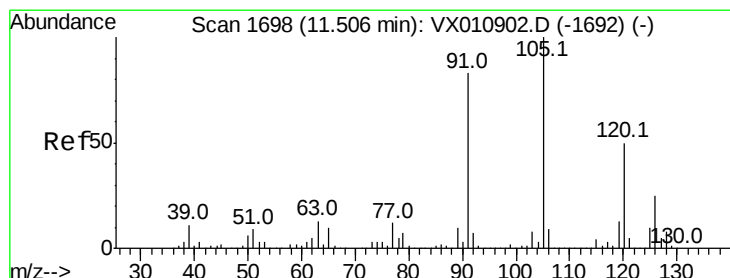
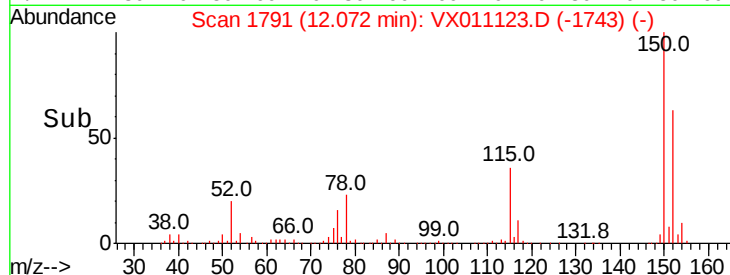
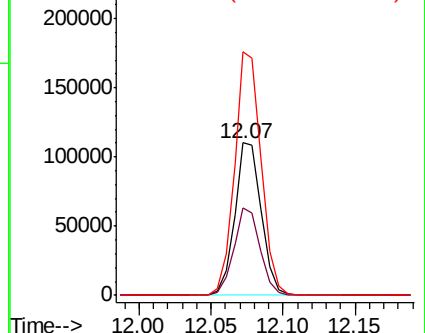
150 159.4 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.248 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011123.D

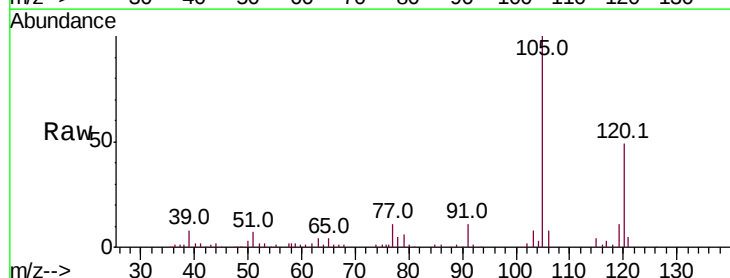
Acq: 27 Jul 2019 05:03

Tgt Ion:105 Resp: 18028

Ion Ratio Lower Upper

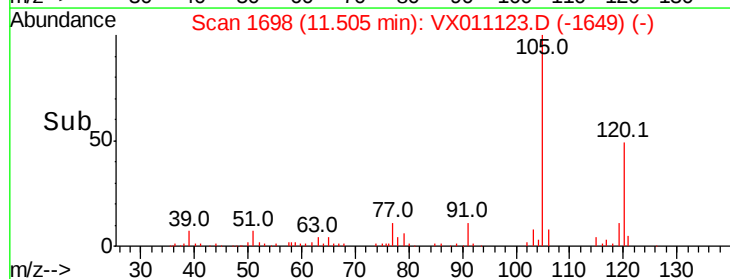
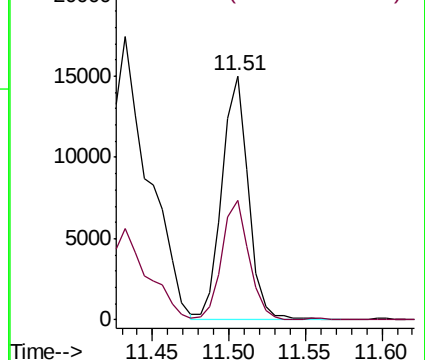
105 100

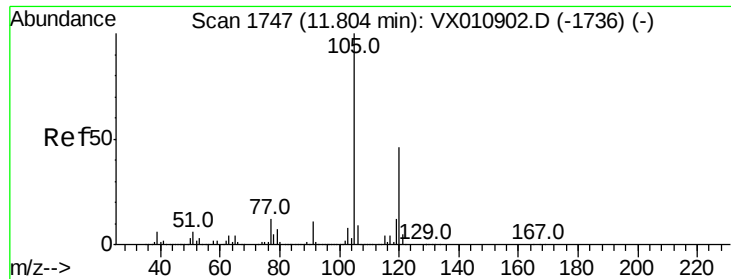
120 50.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 7.764 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

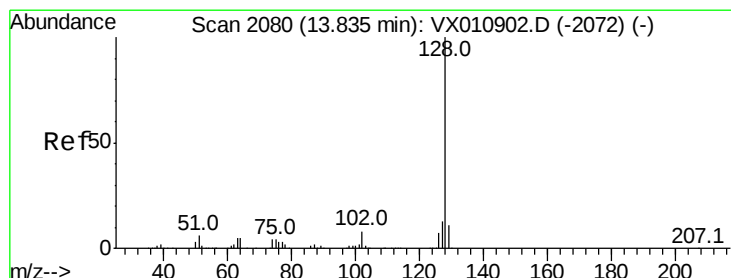
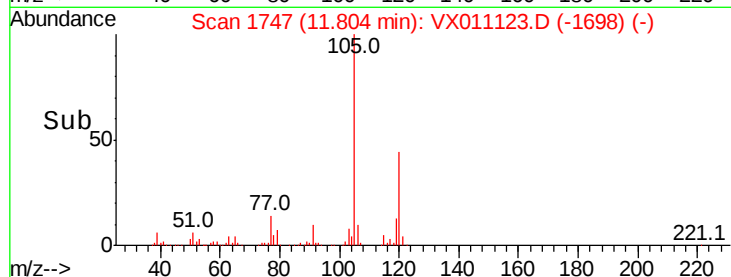
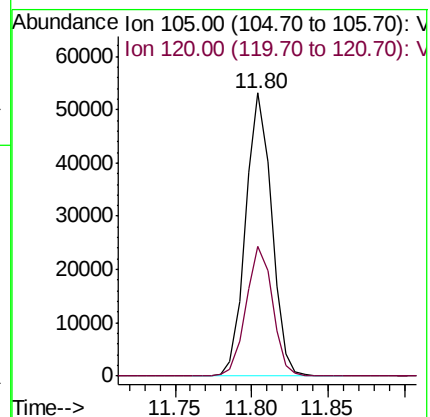
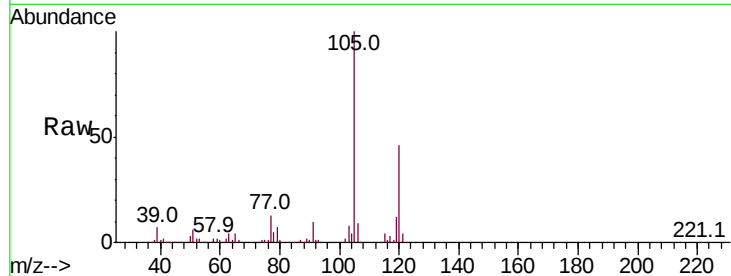
CL-02-072519-B

Tot Ion:105 Resp: 62758

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.5



#95

Naphthalene

Concen: 3.807 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Tgt Ion:128 Resp: 34690

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.6 8.9 13.3

