

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011041.D
 Acq On : 22 Jul 2019 19:20
 Operator : JC/SP
 Sample : K3934-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Jul 23 13:28:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151686	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	116753	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
35) Dibromofluoromethane	5.50	113	107699	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	411474	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	148220	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

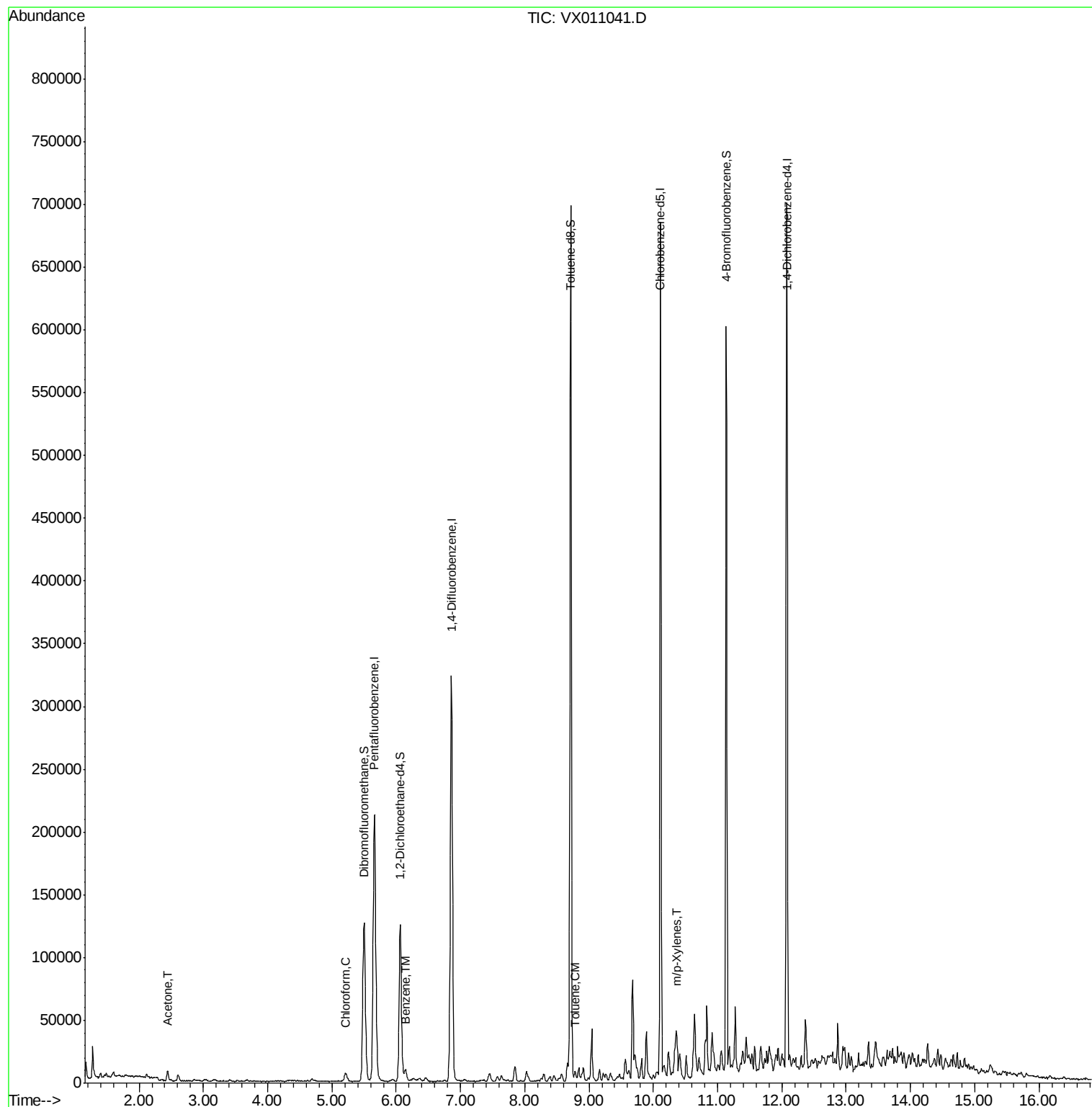
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	9295	9.010	ug/l	98
30) Chloroform	5.21	83	7835	2.130	ug/l	100
40) Benzene	6.15	78	10556	1.226	ug/l	98
52) Toluene	8.79	92	2308	0.408	ug/l	83
68) m/p-Xylenes	10.36	106	2279	0.526	ug/l	97

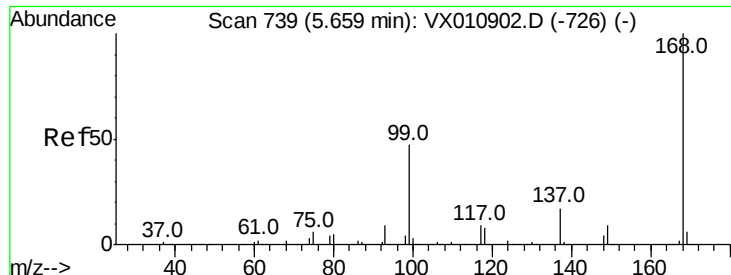
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 13:28:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
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: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampled :

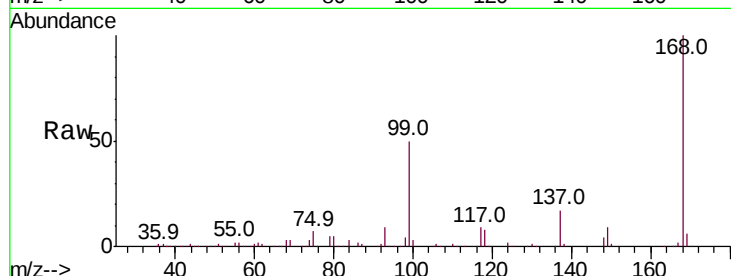
TP-1

Tot Ion:168 Resp: 214718

Ion Ratio Lower Upper

168 100

99 49.9 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

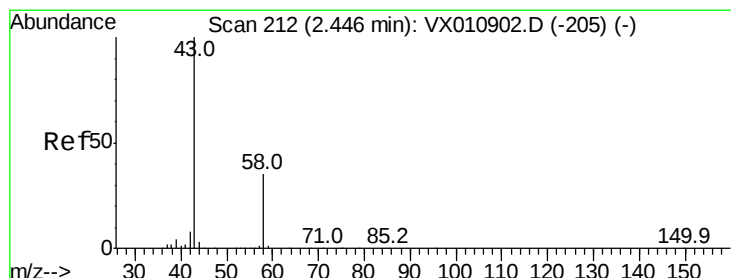
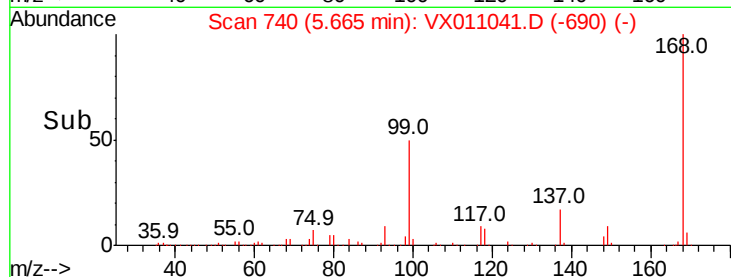
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 9.010 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011041.D

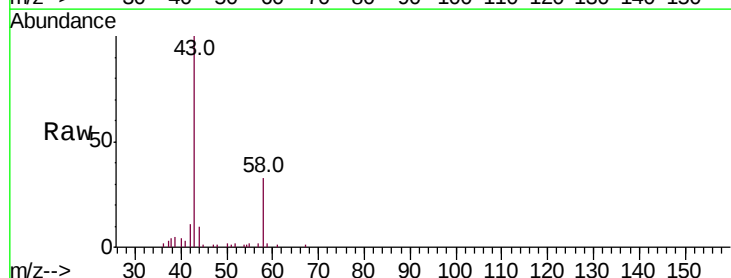
Acq: 22 Jul 2019 19:20

Tgt Ion: 43 Resp: 9295

Ion Ratio Lower Upper

43 100

58 33.4 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

6000

5000

4000

3000

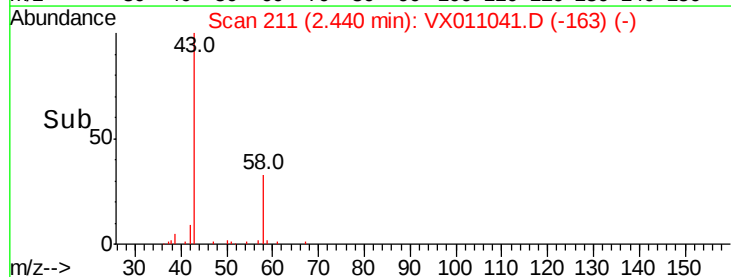
2000

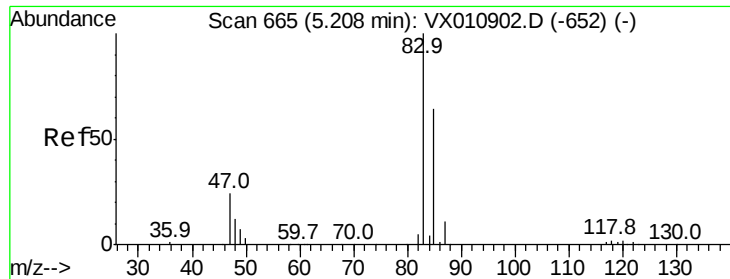
1000

0

2.35 2.40 2.45 2.50

Time-->

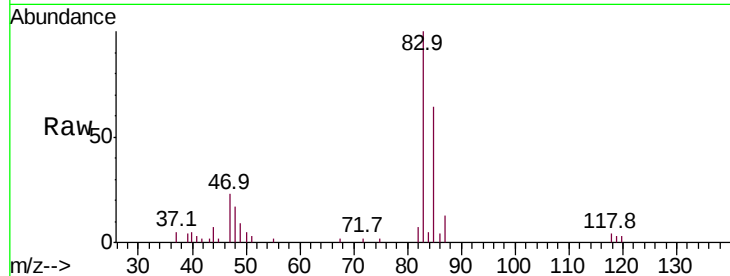




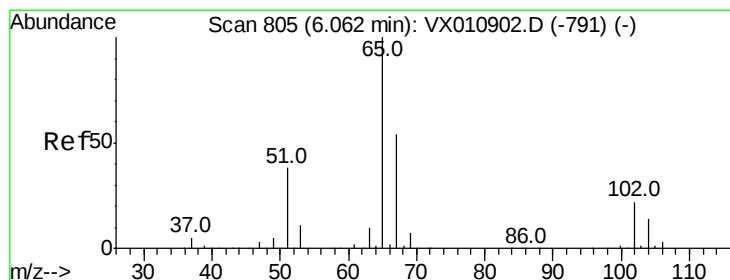
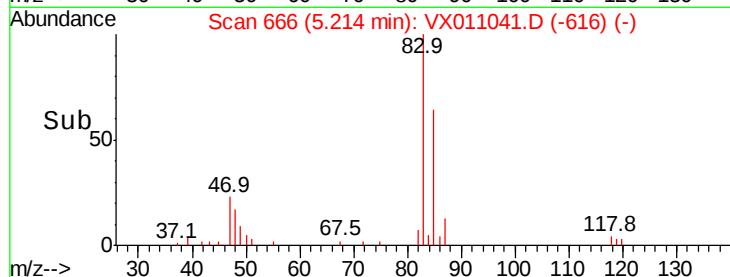
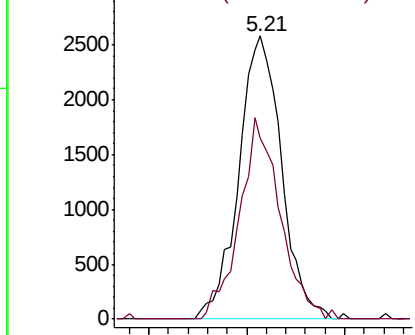
#30
Chloroform
Concen: 2.130 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tot Ion: 83 Resp: 7835
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0

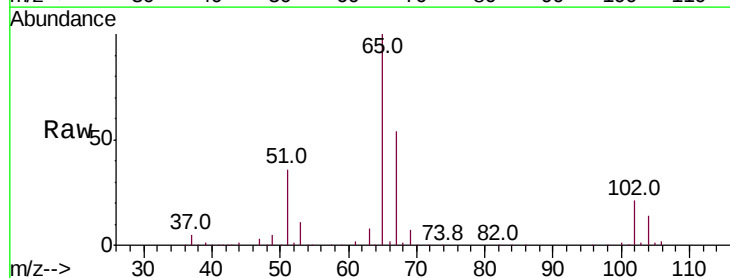


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

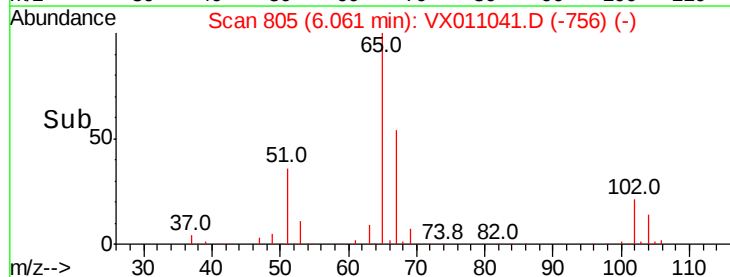
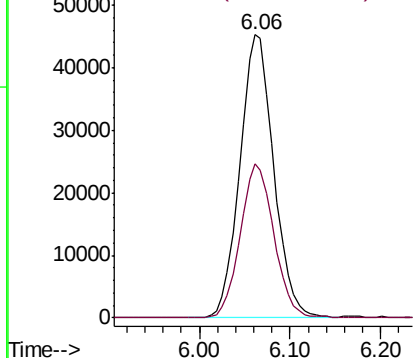


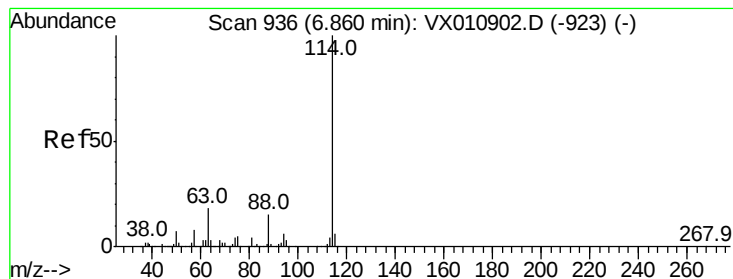
#33
1,2-Dichloroethane-d4
Concen: 51.112 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Tgt Ion: 65 Resp: 116753
Ion Ratio Lower Upper
65 100
67 54.3 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: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

TP-1

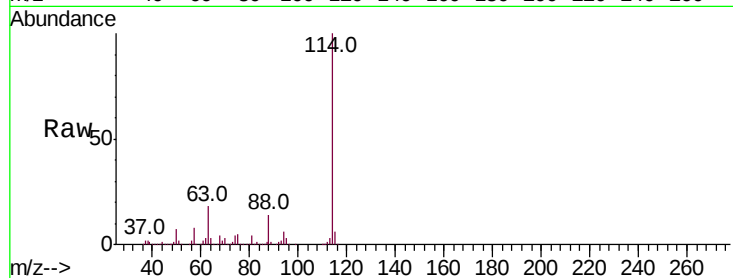
Tot Ion:114 Resp: 342068

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

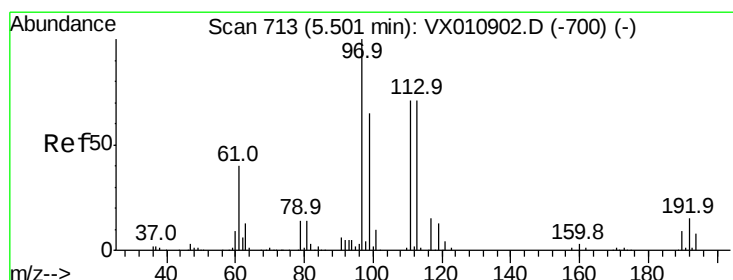
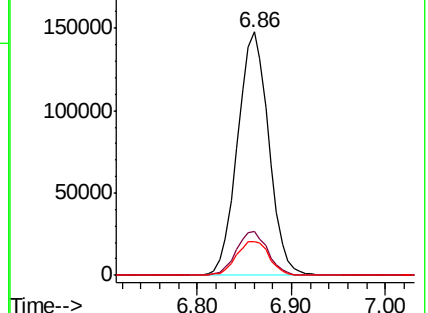
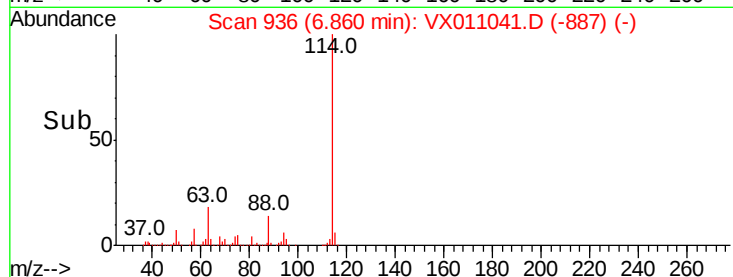
88 13.9 0.0 29.8



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: 49.604 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

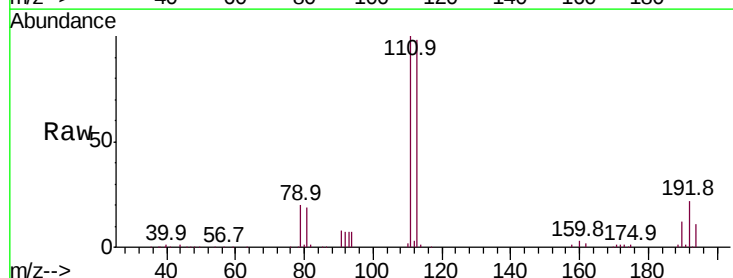
Tgt Ion:113 Resp: 107699

Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

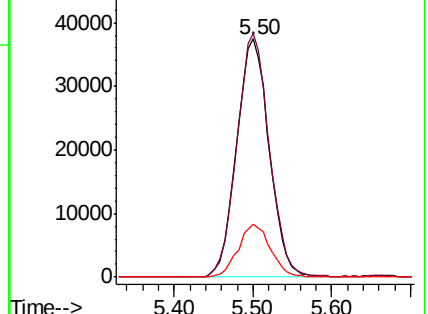
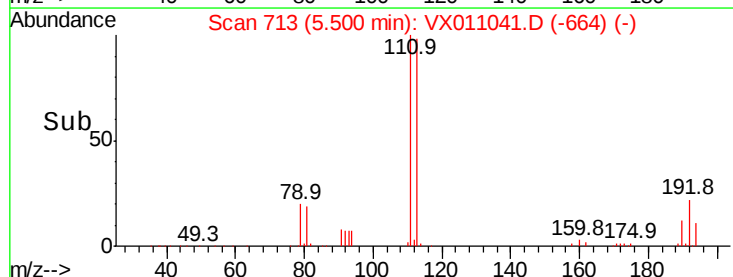
192 21.9 17.4 26.2

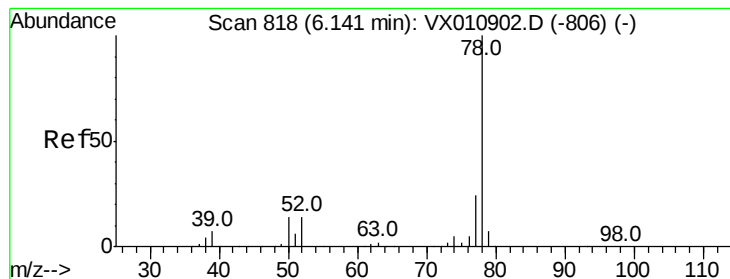


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.226 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

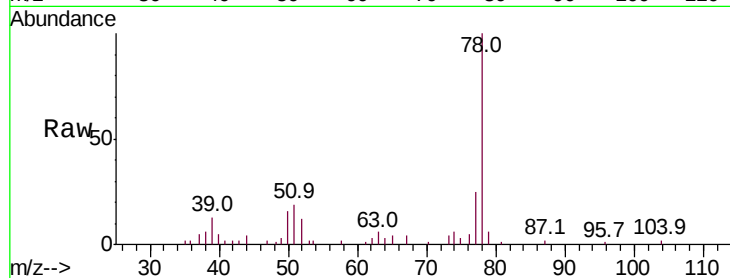
TP-1

Tot Ion: 78 Resp: 10556

Ion Ratio Lower Upper

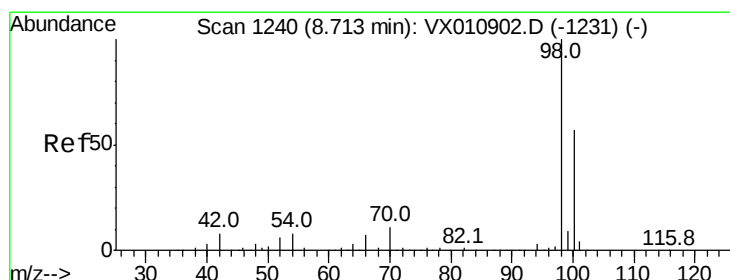
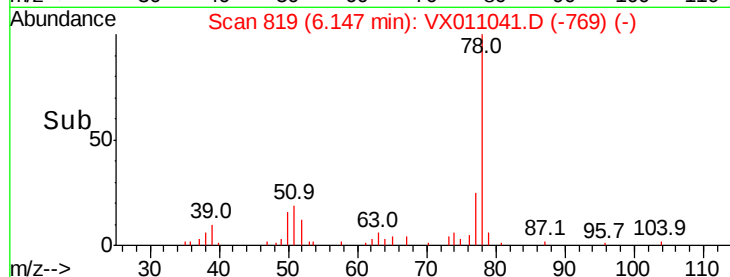
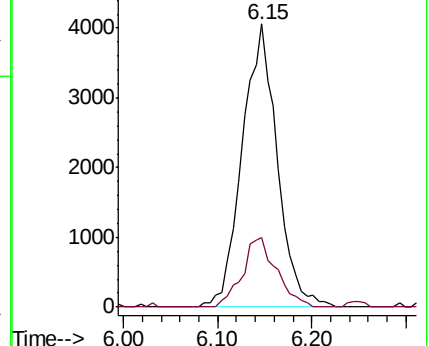
78 100

77 24.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.529 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011041.D

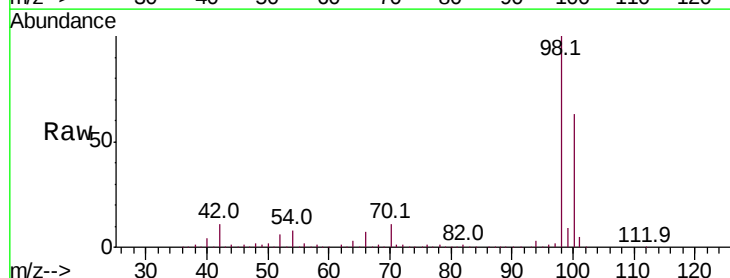
Acq: 22 Jul 2019 19:20

Tgt Ion: 98 Resp: 411474

Ion Ratio Lower Upper

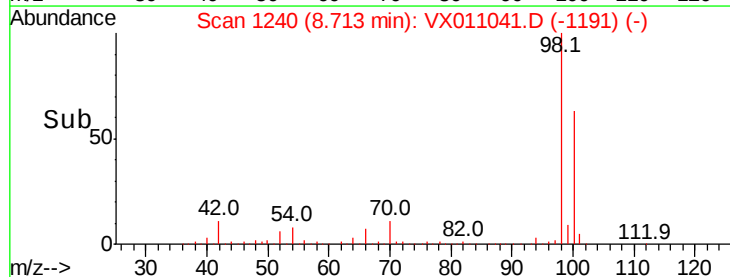
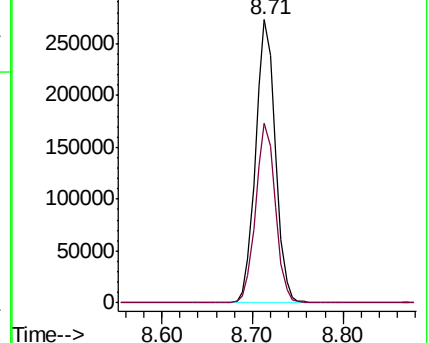
98 100

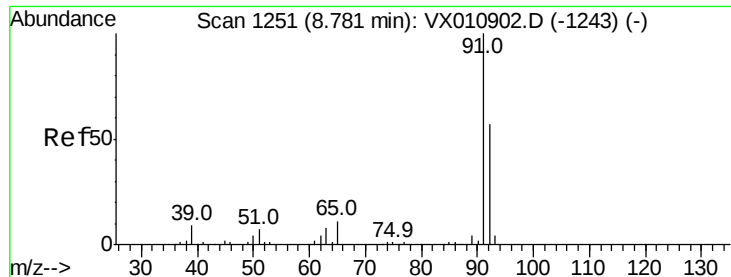
100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.408 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

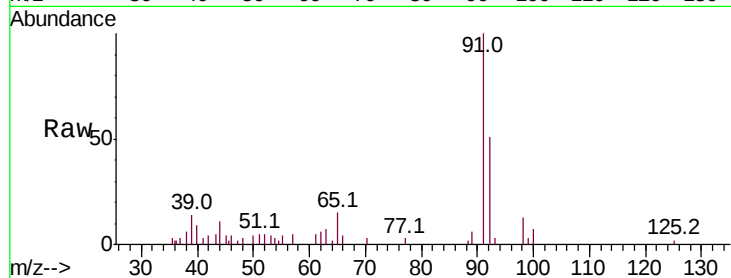
TP-1

Tot Ion: 92 Resp: 2308

Ion Ratio Lower Upper

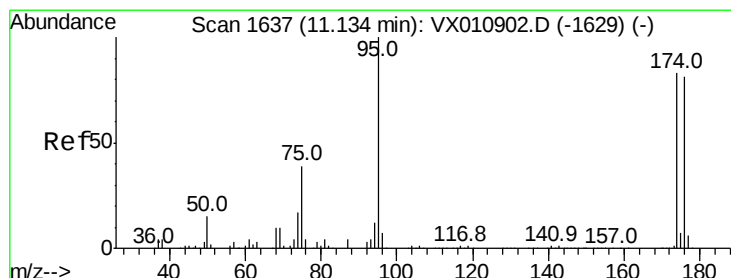
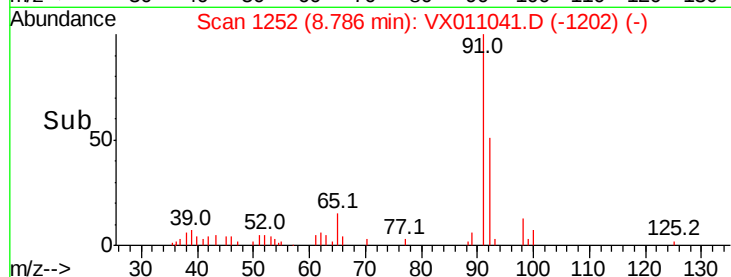
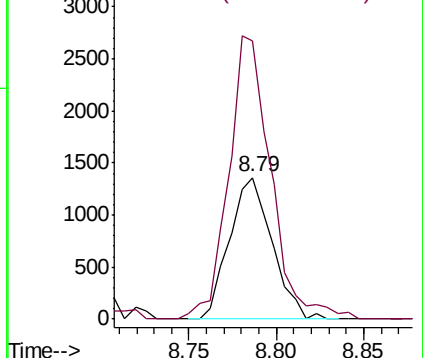
92 100

91 197.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.518 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

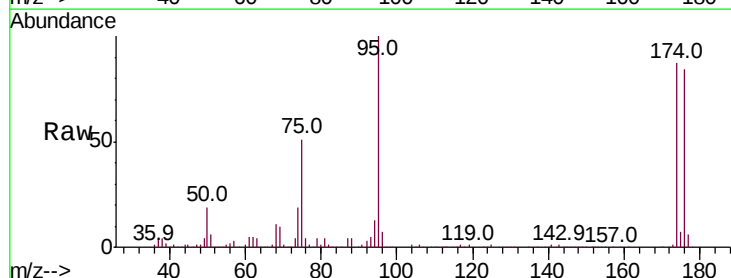
Tgt Ion: 95 Resp: 148220

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.6

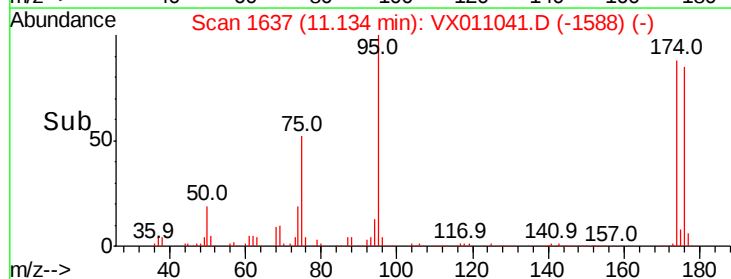
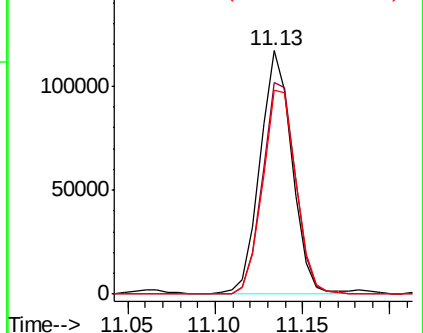
176 88.0 0.0 173.8

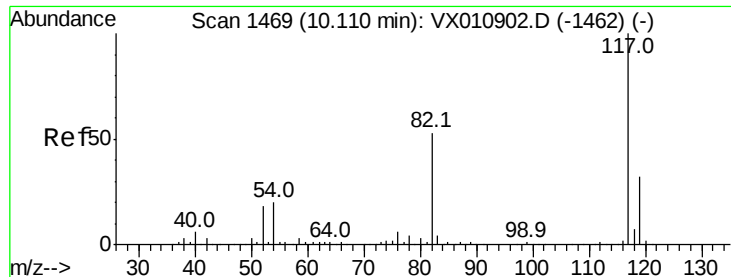


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

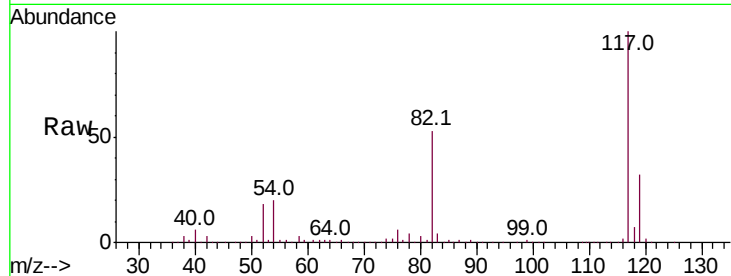




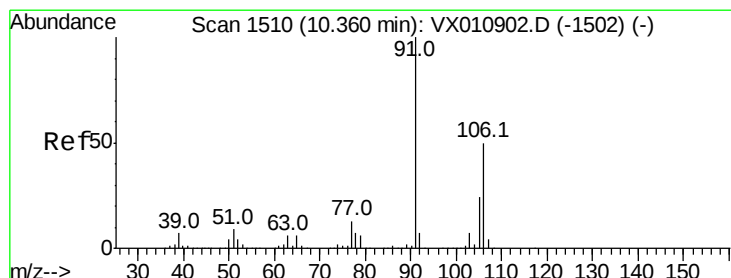
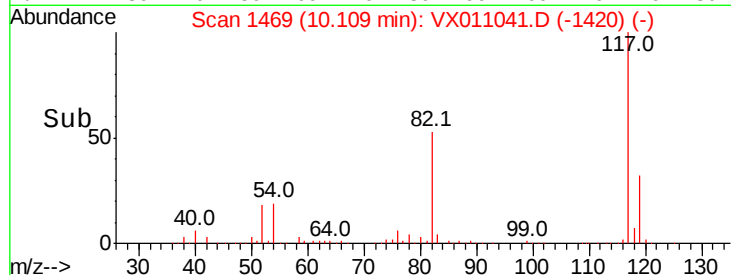
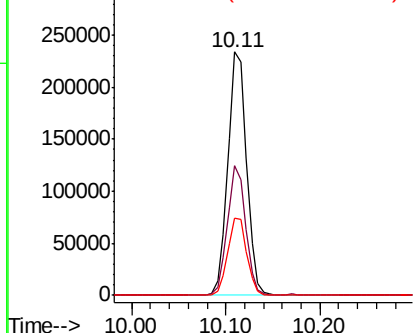
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion:117 Resp: 322999
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 31.9 25.9 38.9

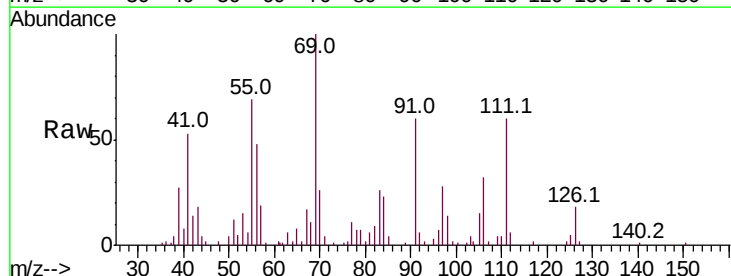


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

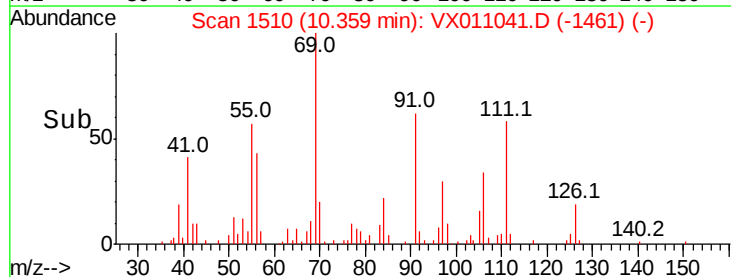
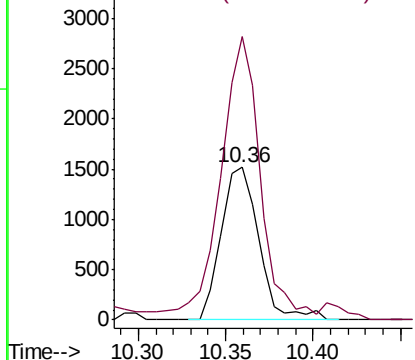


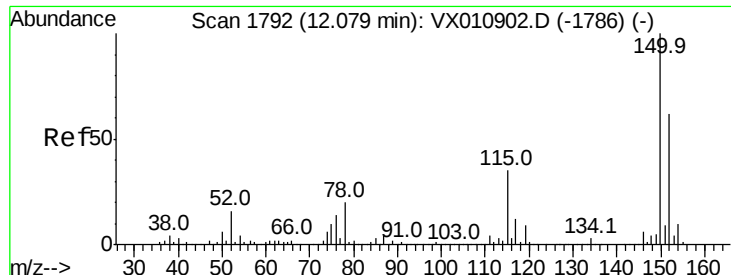
#68
m/p-Xylenes
Concen: 0.526 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Tgt Ion:106 Resp: 2279
Ion Ratio Lower Upper
106 100
91 196.1 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

TP-1

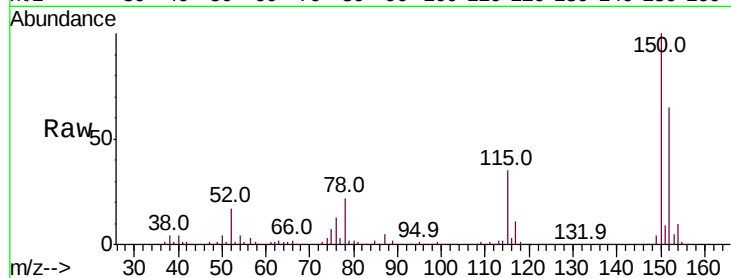
Tot Ion:152 Resp: 151686

Ion Ratio Lower Upper

152 100

115 55.2 39.7 119.1

150 155.9 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

