

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007904.D
 Acq On : 08 Mar 2019 01:10
 Operator : JC/SP
 Sample : K1753-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z-2-5

Quant Time: Mar 08 07:31:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	445021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	430127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211745	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	158118	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	5.51	113	145679	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	8.71	98	550905	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.13	95	202783	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	

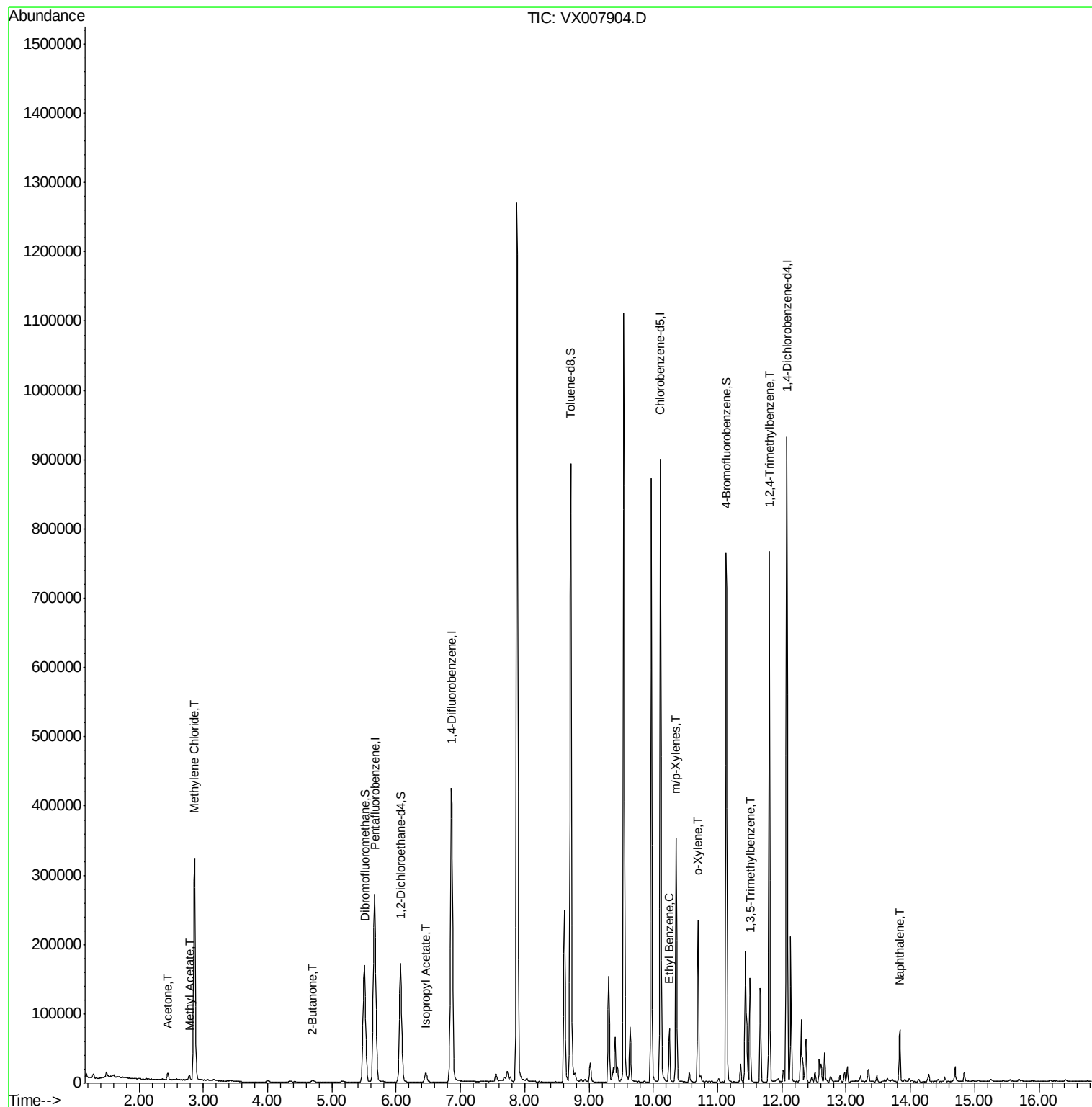
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	9701	5.558	ug/l	99
18) Methyl Acetate	2.78	43	9756	2.631	ug/l	98
20) Methylene Chloride	2.86	84	146275	52.654	ug/l	98
25) 2-Butanone	4.70	43	5871	2.376	ug/l	93
43) Isopropyl Acetate	6.46	43	17735	2.506	ug/l	99
67) Ethyl Benzene	10.25	91	43944	2.966	ug/l	100
68) m/p-Xylenes	10.36	106	86184	15.091	ug/l	99
69) o-Xylene	10.69	106	40036	7.261	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	64703	5.490	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	336045	27.812	ug/l	98
95) Naphthalene	13.83	128	47095	3.372	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030719\
Data File : VX007904.D
Acq On : 08 Mar 2019 01:10
Operator : JC/SP
Sample : K1753-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z-2-5

Quant Time: Mar 08 07:31:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007904.D

Acq: 08 Mar 2019 01:10

Instrument :

MSVOA_X

ClientSampleId :

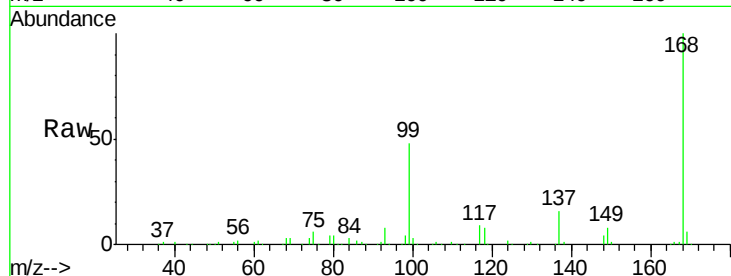
Z-2-5

Tot Ion:168 Resp: 285879

Ion Ratio Lower Upper

168 100

99 48.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

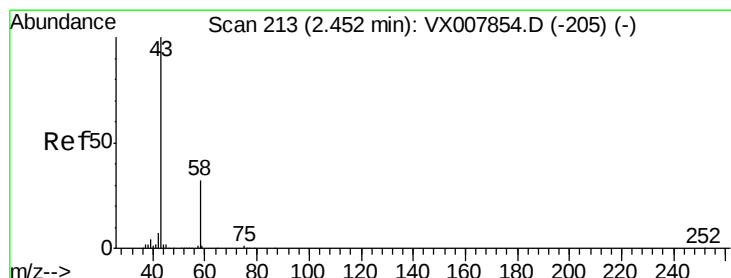
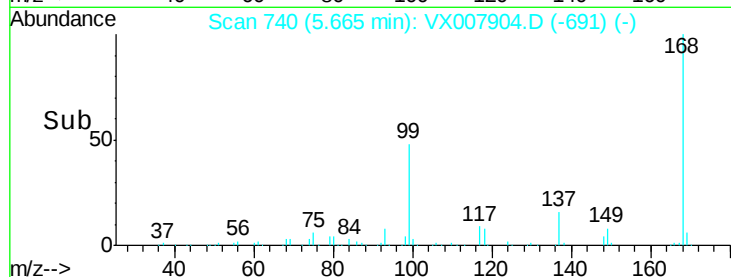
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 5.558 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007904.D

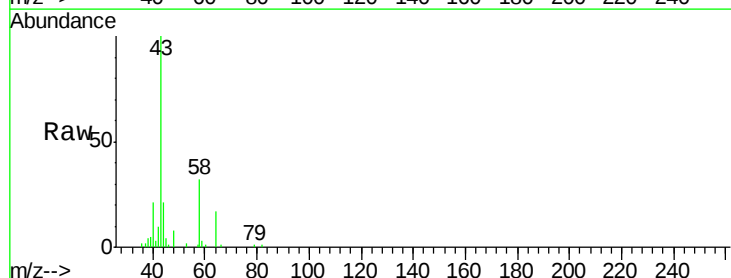
Acq: 08 Mar 2019 01:10

Tgt Ion: 43 Resp: 9701

Ion Ratio Lower Upper

43 100

58 32.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

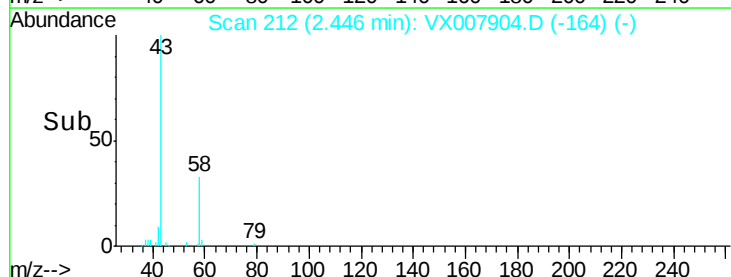
4000

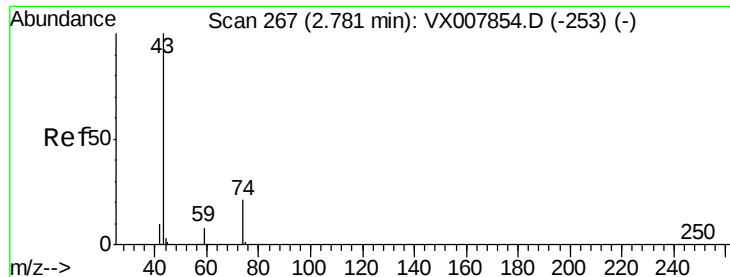
2000

0

2.35 2.40 2.45 2.50 2.55

Time-->

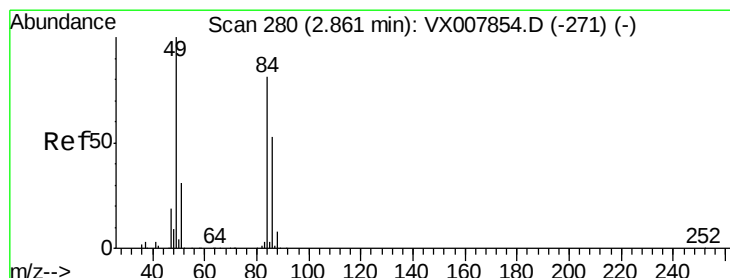
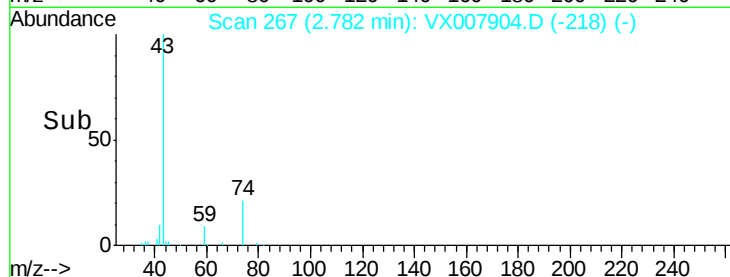
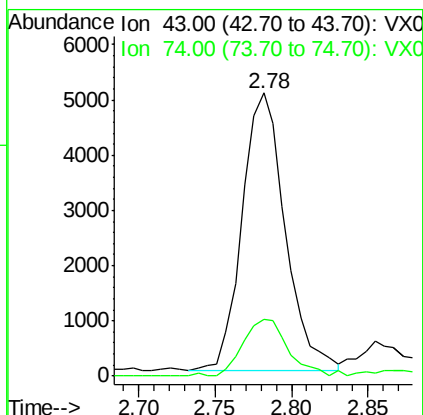
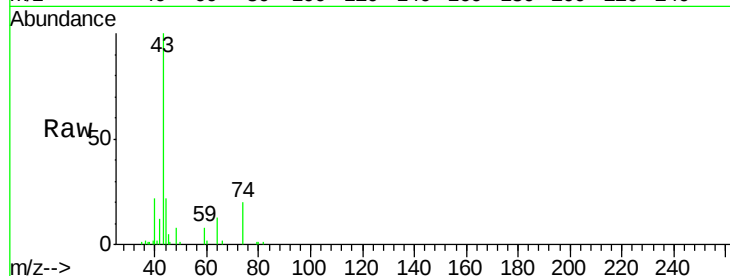




#18
Methvl Acetate
Concen: 2.631 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007904.D
Acq: 08 Mar 2019 01:10

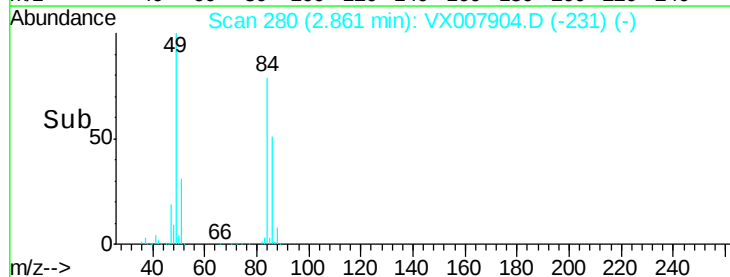
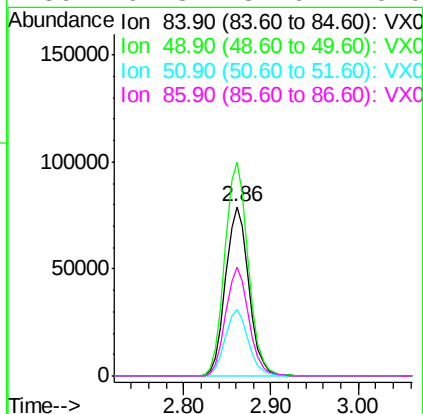
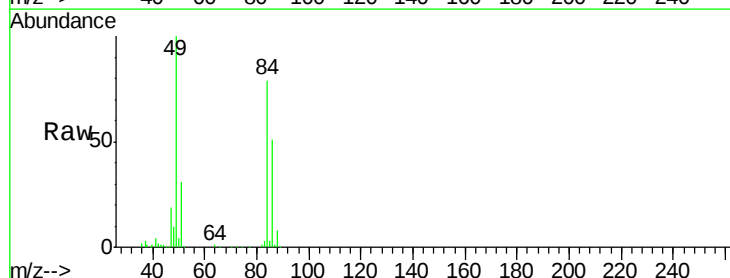
Instrument :
MSVOA_X
ClientSampled :
Z-2-5

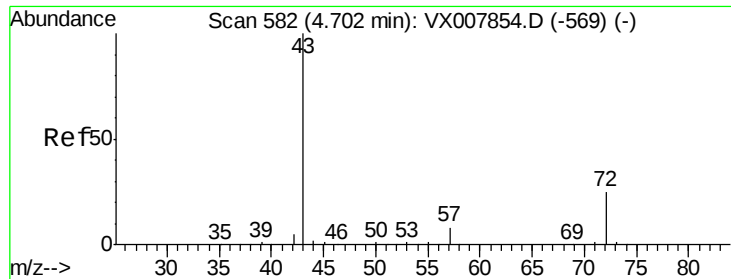
Tot Ion: 43 Resp: 9756
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.6



#20
Methylene Chloride
Concen: 52.654 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007904.D
Acq: 08 Mar 2019 01:10

Tgt Ion: 84 Resp: 146275
Ion Ratio Lower Upper
84 100
49 126.1 99.3 148.9
51 39.4 31.3 46.9
86 64.3 52.6 79.0





#25

2-Butanone

Concen: 2.376 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007904.D

Acq: 08 Mar 2019 01:10

Instrument :

MSVOA_X

ClientSampleId :

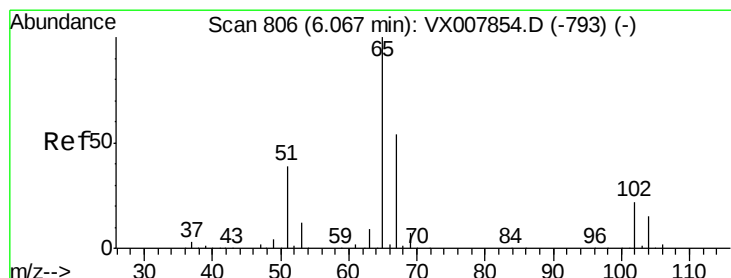
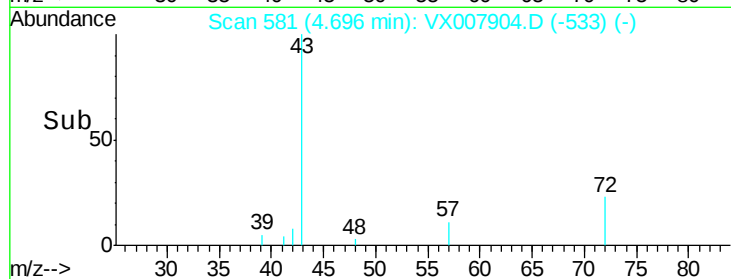
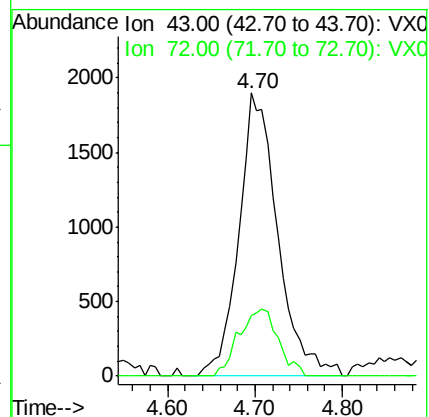
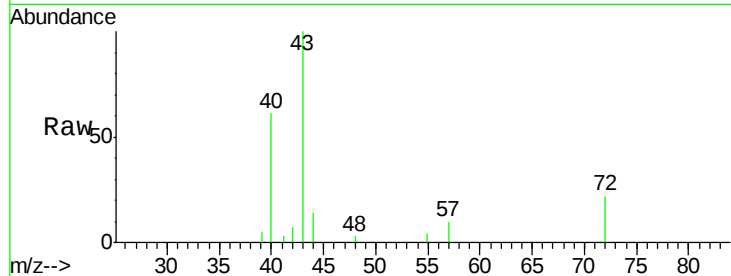
Z-2-5

Tot Ion: 43 Resp: 5871

Ion Ratio Lower Upper

43 100

72 21.6 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 52.431 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007904.D

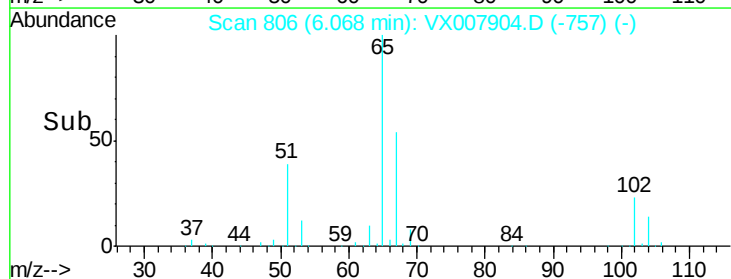
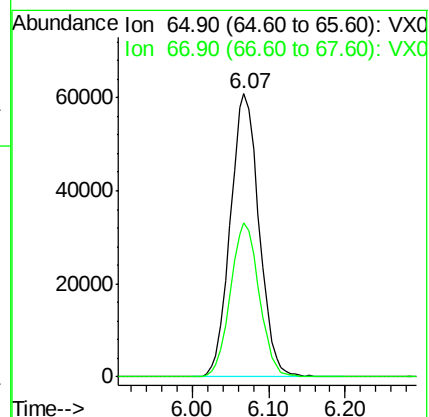
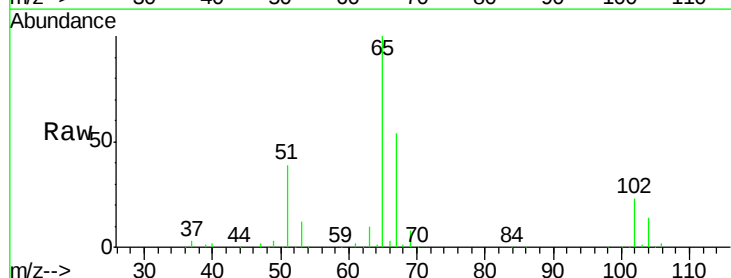
Acq: 08 Mar 2019 01:10

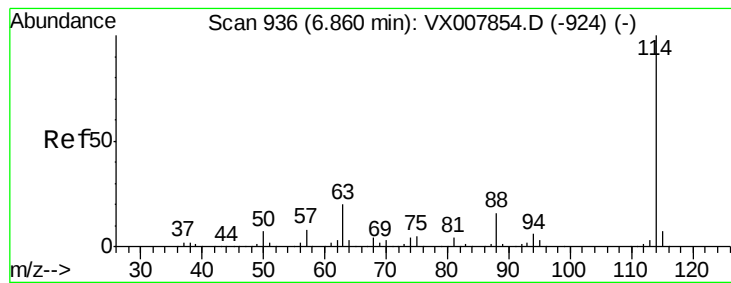
Tgt Ion: 65 Resp: 158118

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007904.D

Acq: 08 Mar 2019 01:10

Instrument :

MSVOA_X

ClientSampleId :

Z-2-5

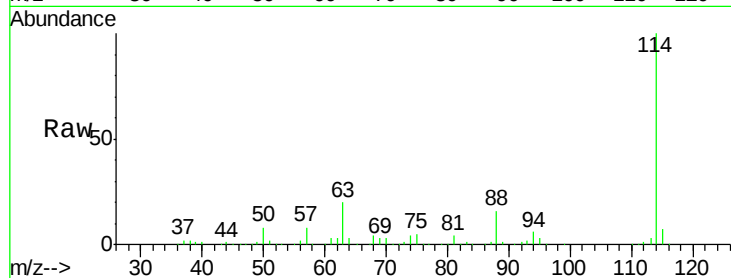
Tot Ion:114 Resp: 445021

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

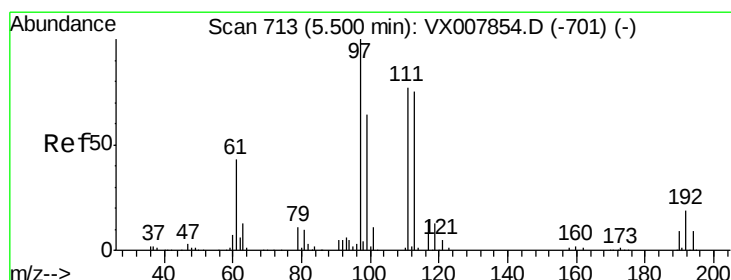
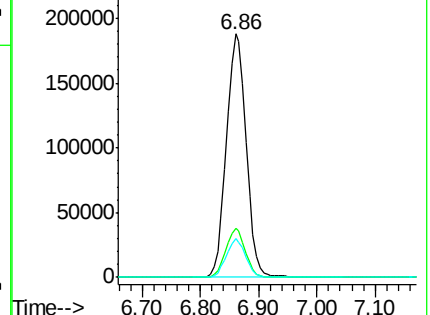
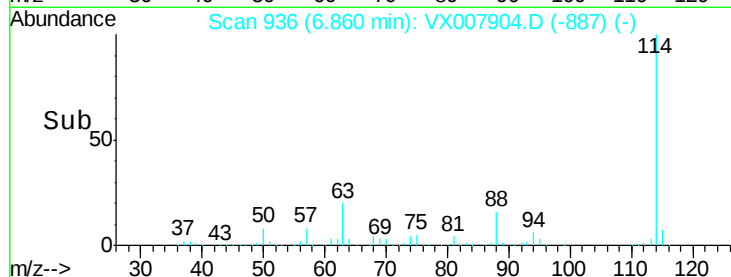
88 15.8 0.0 31.4



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: 51.176 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007904.D

Acq: 08 Mar 2019 01:10

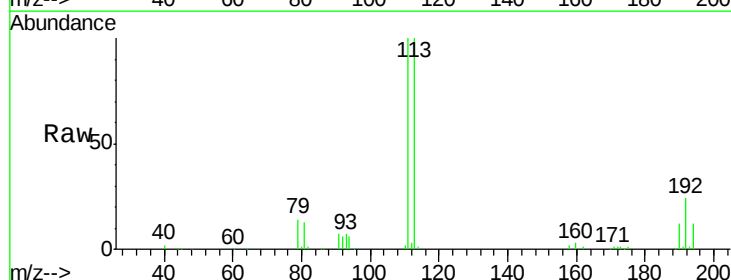
Tgt Ion:113 Resp: 145679

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

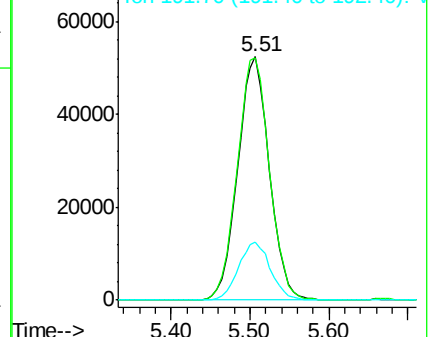
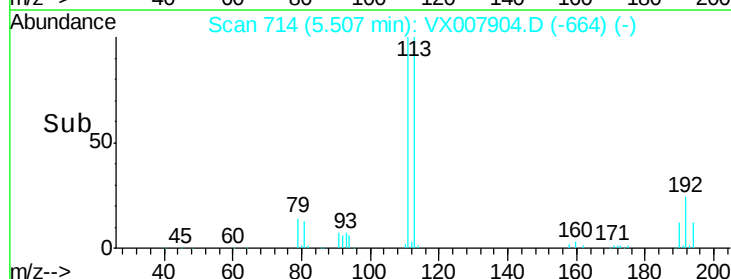
192 24.0 19.4 29.0

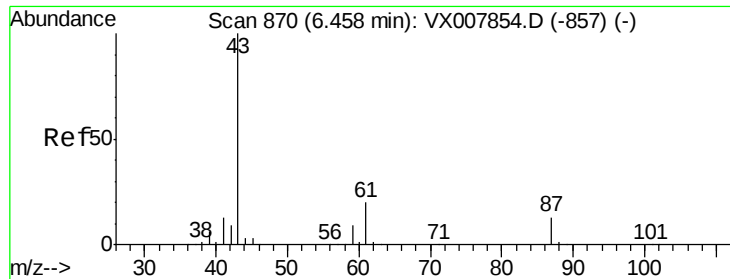


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

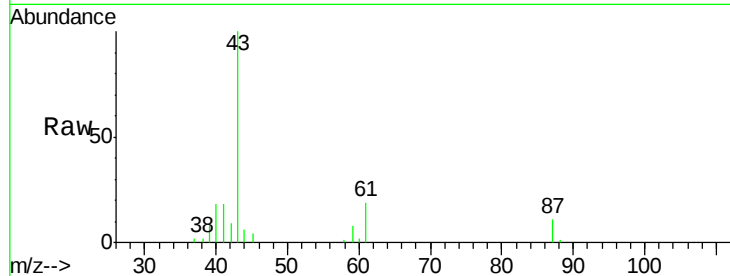




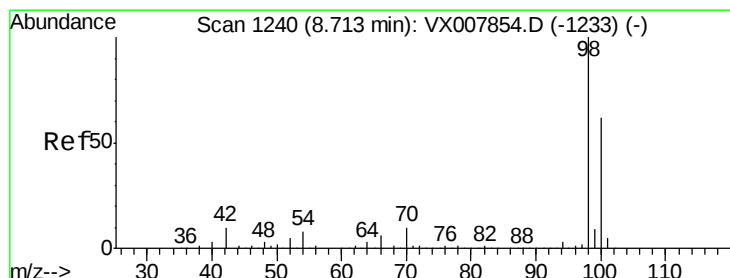
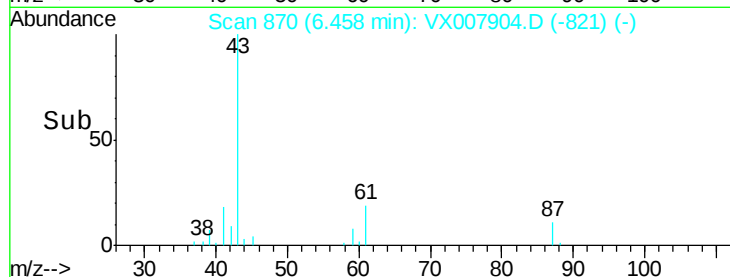
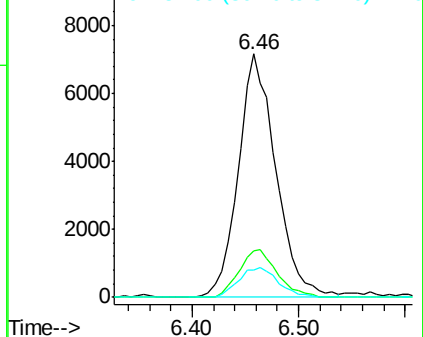
#43
Isopropyl Acetate
Concen: 2.506 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007904.D
Acq: 08 Mar 2019 01:10

Instrument :
MSVOA_X
ClientSampleId :
Z-2-5

Tot Ion: 43 Resp: 17735
Ion Ratio Lower Upper
43 100
61 19.7 16.3 24.5
87 12.8 10.5 15.7

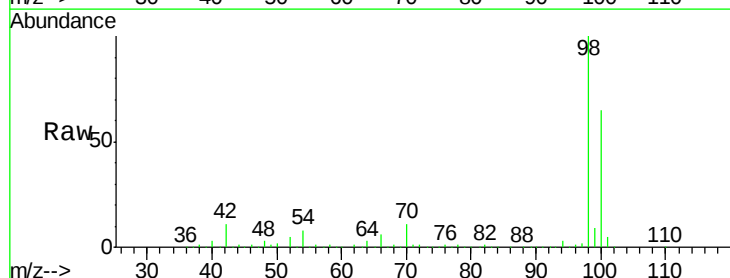


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

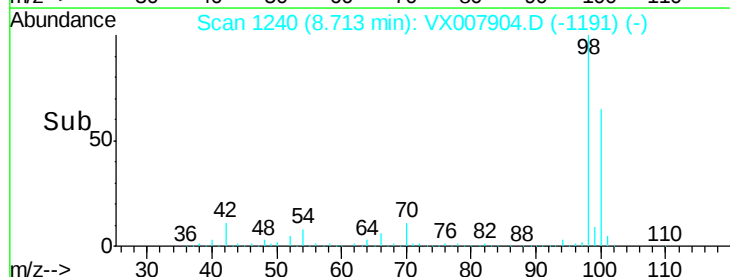
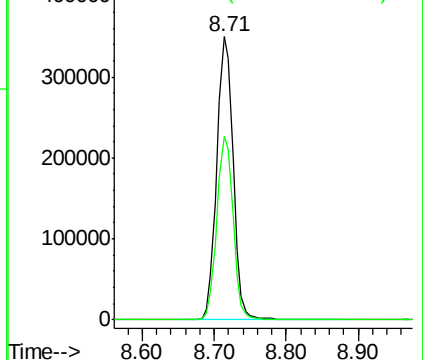


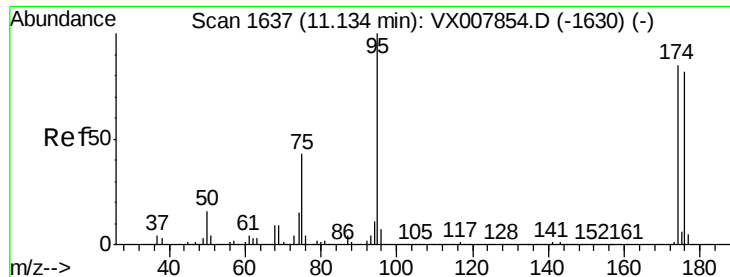
#50
Toluene-d8
Concen: 52.696 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007904.D
Acq: 08 Mar 2019 01:10

Tgt Ion: 98 Resp: 550905
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.324 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007904.D

Acq: 08 Mar 2019 01:10

Instrument :

MSVOA_X

ClientSampled :

Z-2-5

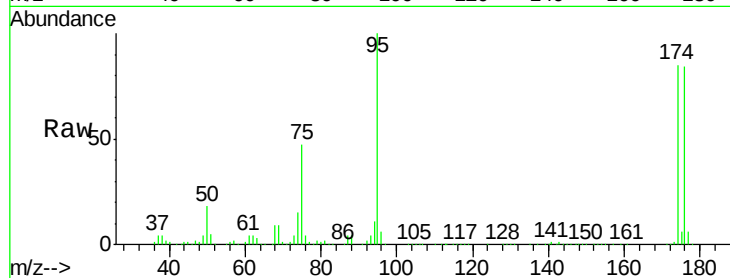
Tot Ion: 95 Resp: 202783

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.8

176 89.8 0.0 178.0



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

11.13

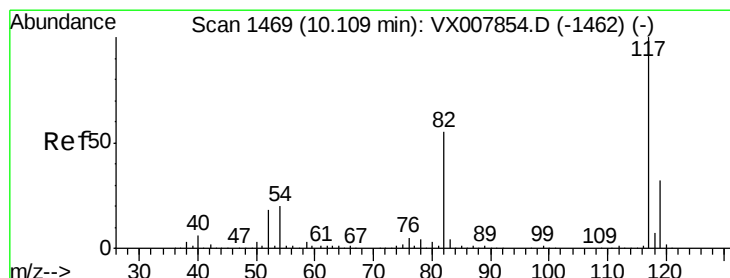
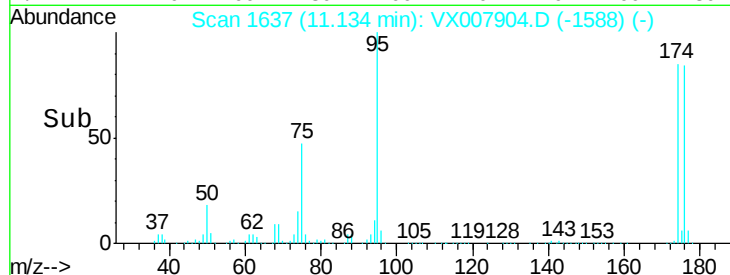
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007904.D

Acq: 08 Mar 2019 01:10

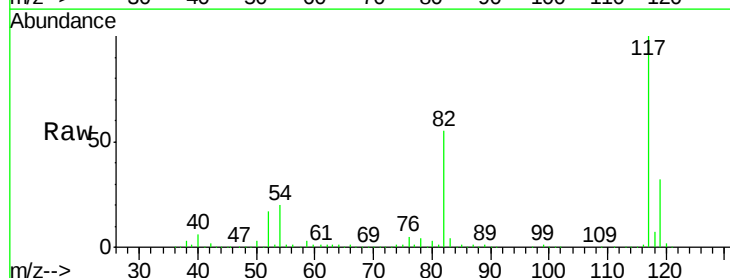
Tgt Ion: 117 Resp: 430127

Ion Ratio Lower Upper

117 100

82 54.7 44.3 66.5

119 32.2 25.3 37.9



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

10.11

400000

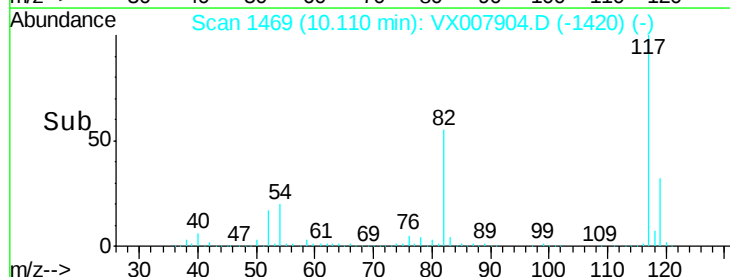
300000

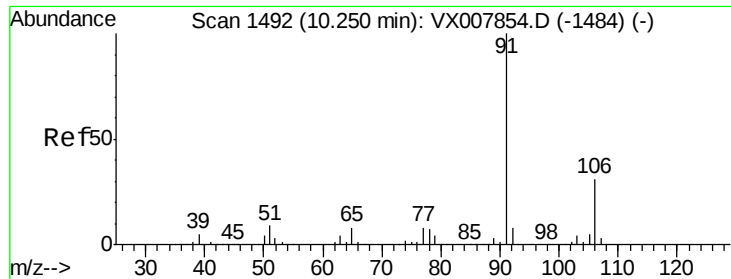
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 2.966 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007904.D

Acq: 08 Mar 2019 01:10

Instrument :

MSVOA_X

ClientSampled :

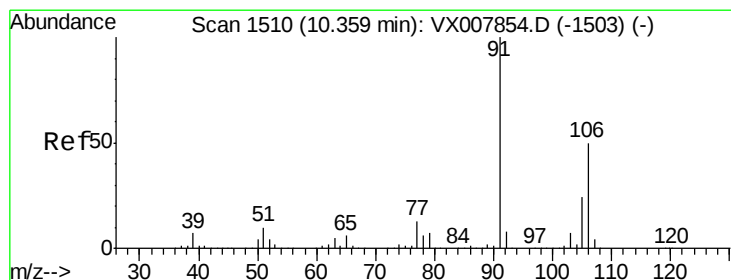
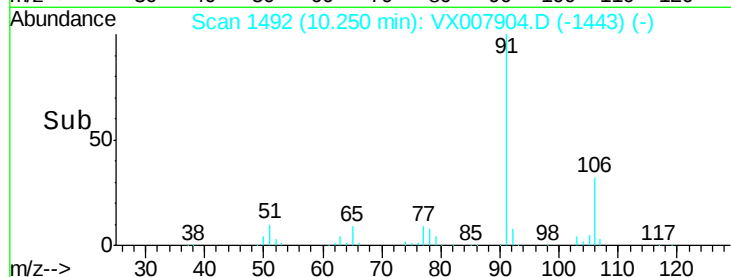
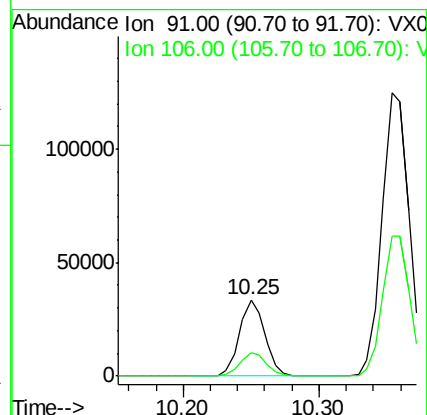
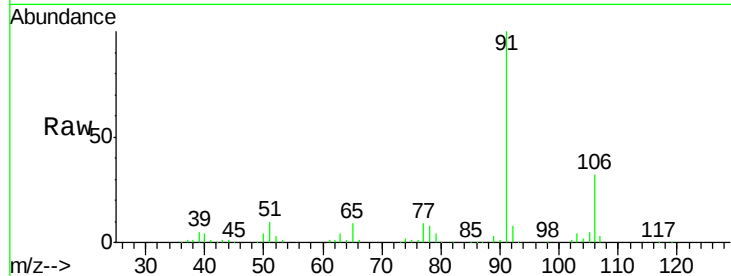
Z-2-5

Tot Ion: 91 Resp: 43944

Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



#68

m/p-Xylenes

Concen: 15.091 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007904.D

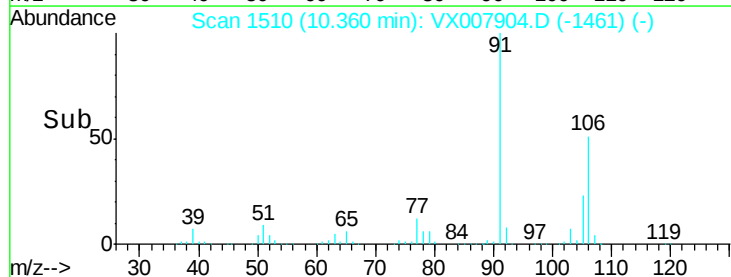
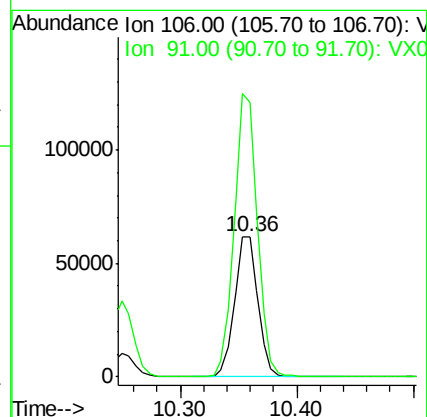
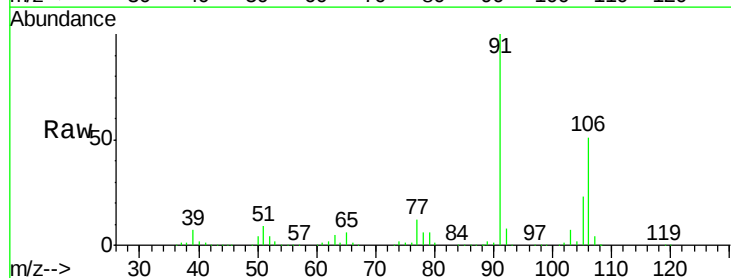
Acq: 08 Mar 2019 01:10

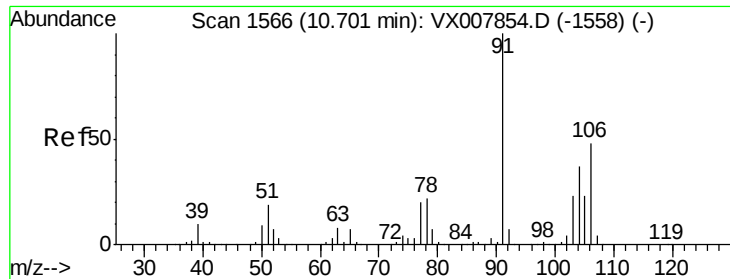
Tgt Ion: 106 Resp: 86184

Ion Ratio Lower Upper

106 100

91 201.8 159.8 239.6

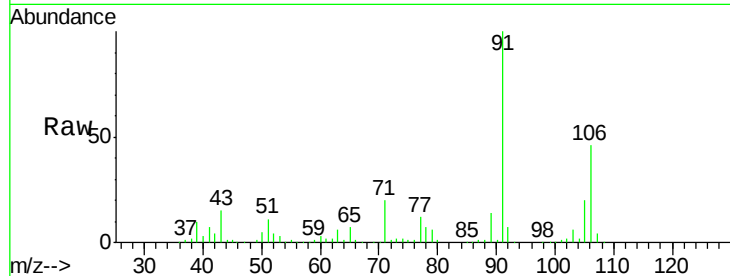




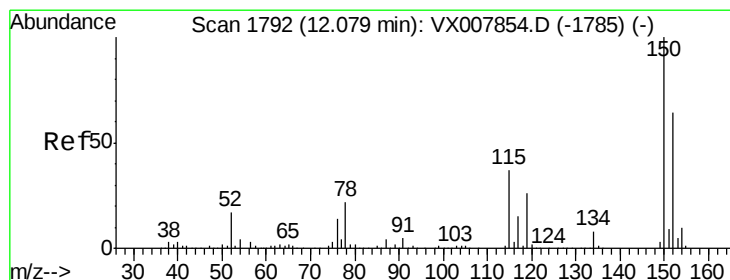
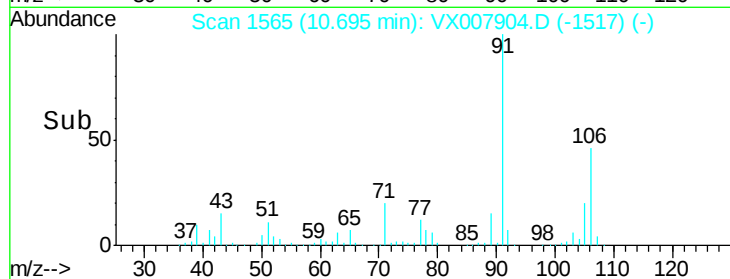
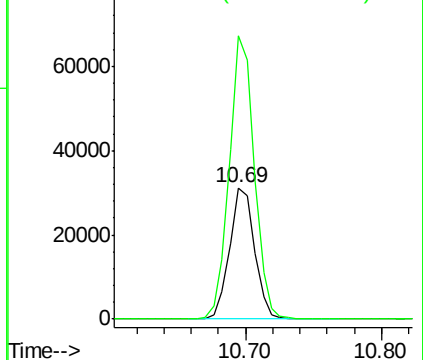
#69
o-Xylene
Concen: 7.261 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007904.D
Acq: 08 Mar 2019 01:10

Instrument :
MSVOA_X
ClientSampled :
Z-2-5

Tot Ion:106 Resp: 40036
Ion Ratio Lower Upper
106 100
91 214.6 106.3 318.9

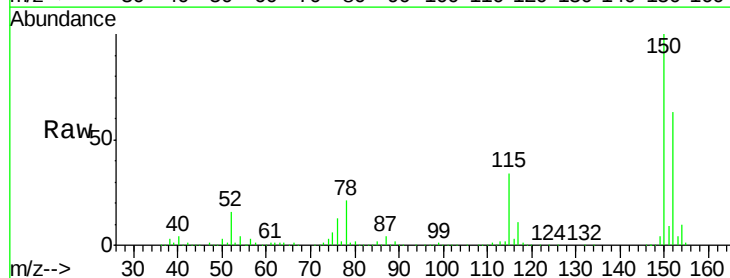


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

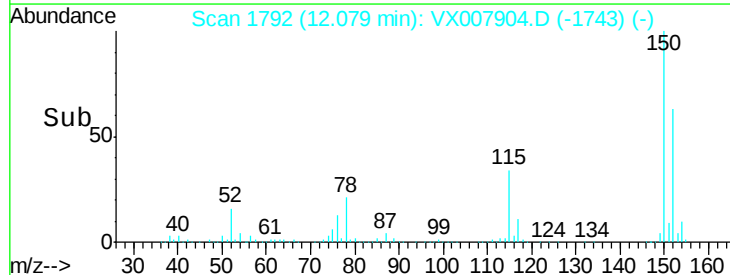
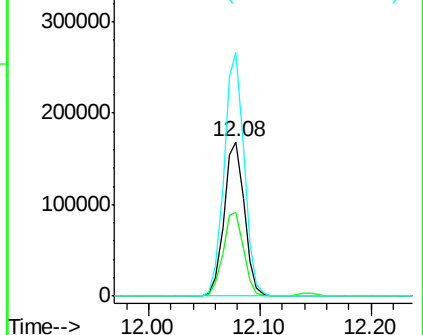


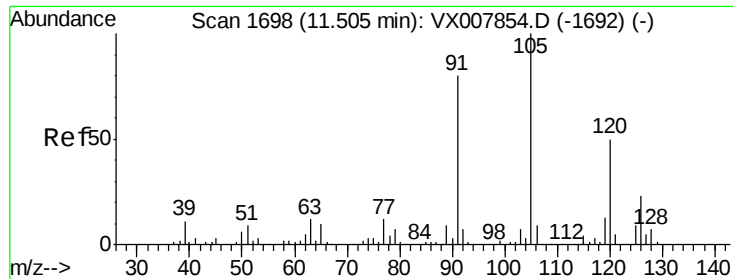
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007904.D
Acq: 08 Mar 2019 01:10

Tgt Ion:152 Resp: 211745
Ion Ratio Lower Upper
152 100
115 54.9 38.6 115.7
150 155.4 0.0 348.4



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

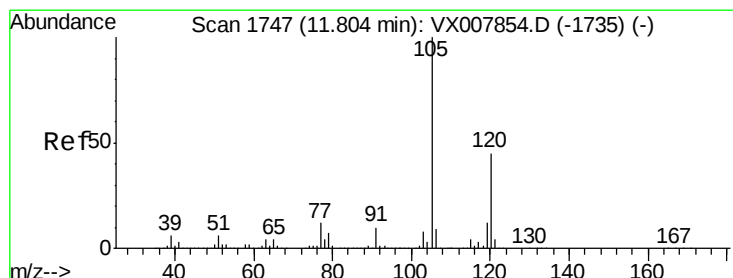
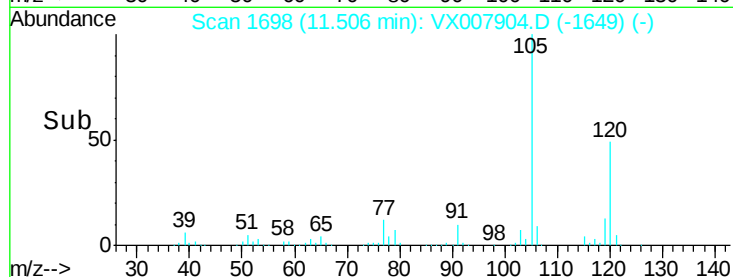
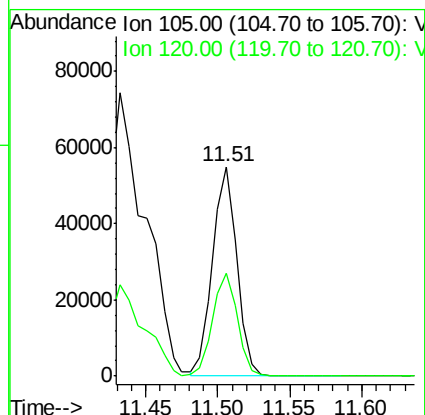
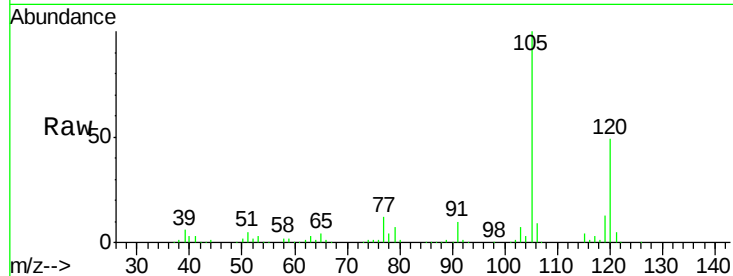




#80
 1,3,5-Trimethylbenzene
 Concen: 5.490 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007904.D
 Acq: 08 Mar 2019 01:10

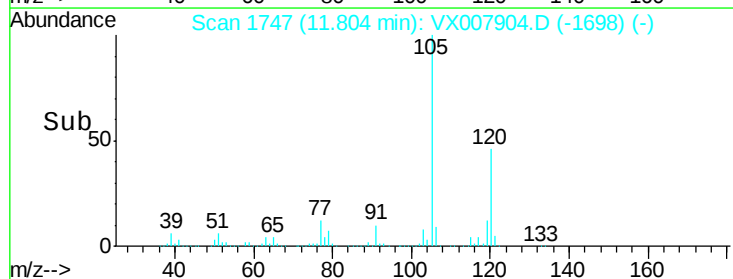
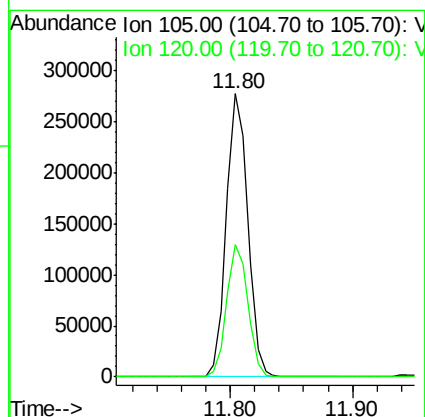
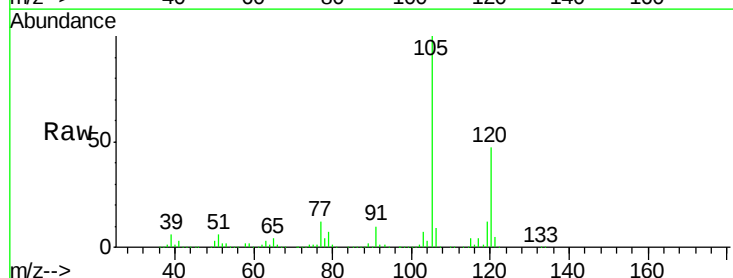
Instrument :
 MSVOA_X
 ClientSampled :
 Z-2-5

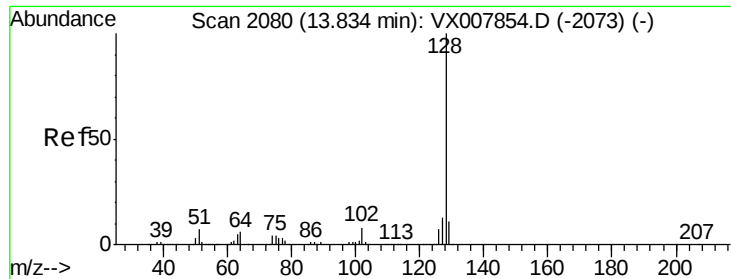
Tot Ion:105 Resp: 64703
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 27.812 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007904.D
 Acq: 08 Mar 2019 01:10

Tgt Ion:105 Resp: 336045
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.6 67.7

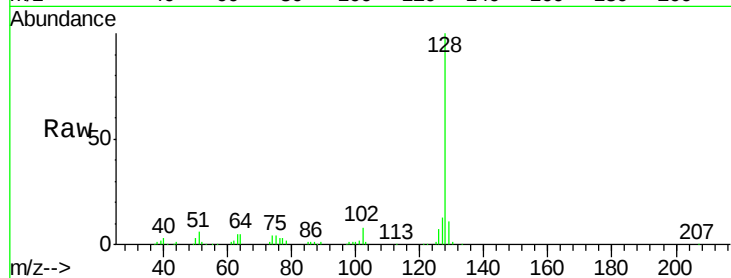




#95
Naphthalene
Concen: 3.372 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007904.D
Acq: 08 Mar 2019 01:10

Instrument :
MSVOA_X
ClientSampleId :
Z-2-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.7	13.1



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

