

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007911.D
 Acq On : 08 Mar 2019 04:17
 Operator : JC/SP
 Sample : K1760-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-8

Quant Time: Mar 08 08:27:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 06:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206636	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	154787	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
35) Dibromofluoromethane	5.51	113	142165	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
50) Toluene-d8	8.71	98	541910	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	11.13	95	199767	55.48	ug/l	0.00
Spiked Amount			Recovery	=	110.96%	

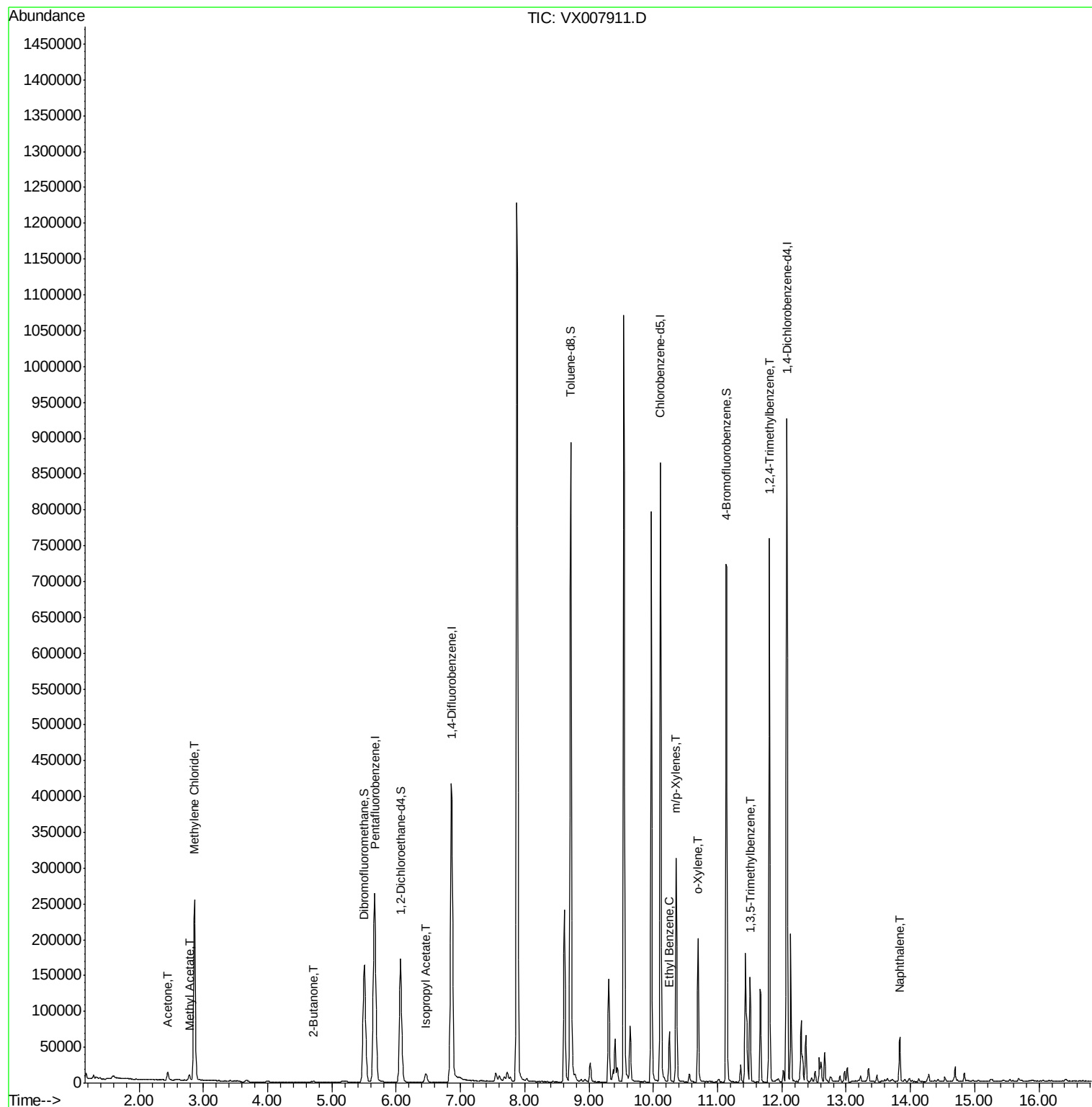
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	11930	7.050	ug/l	91
18) Methyl Acetate	2.78	43	9703	2.699	ug/l	98
20) Methylene Chloride	2.86	84	114136	42.379	ug/l	97
25) 2-Butanone	4.70	43	2389	0.997	ug/l	96
43) Isopropyl Acetate	6.46	43	16350	2.352	ug/l	98
67) Ethyl Benzene	10.25	91	39863	2.760	ug/l	97
68) m/p-Xylenes	10.36	106	78565	14.111	ug/l	100
69) o-Xylene	10.70	106	35404	6.587	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	63120	5.488	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	330863	28.060	ug/l	99
95) Naphthalene	13.83	128	39440	2.894	ug/l	99

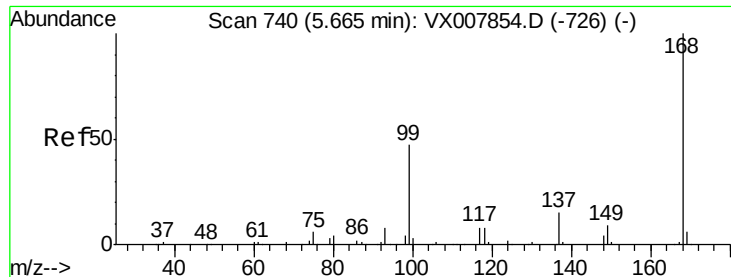
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030719\
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Quant Time: Mar 08 08:27:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 06:16:52 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: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampled :

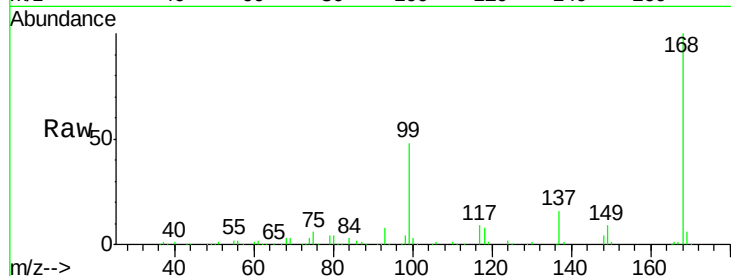
Z2-8

Tot Ion:168 Resp: 277149

Ion Ratio Lower Upper

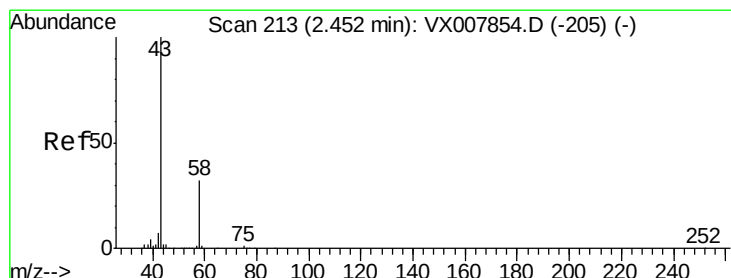
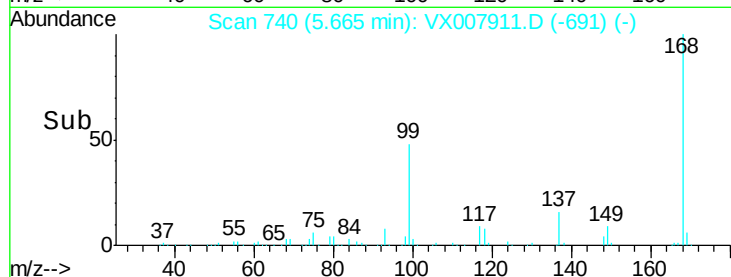
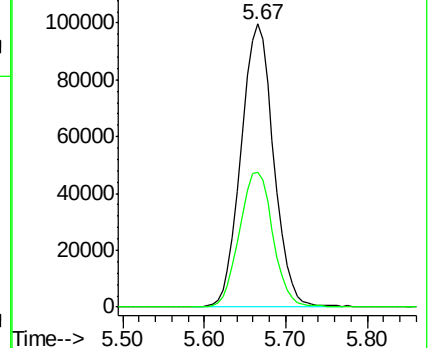
168 100

99 47.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.050 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007911.D

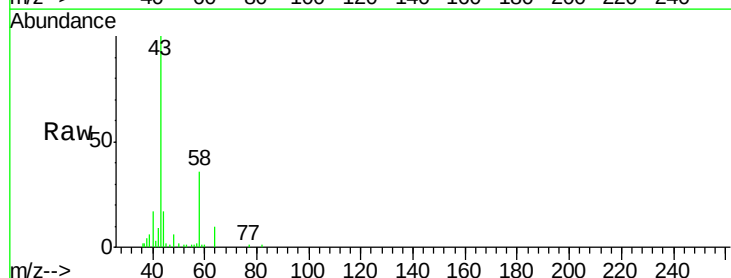
Acq: 08 Mar 2019 04:17

Tgt Ion: 43 Resp: 11930

Ion Ratio Lower Upper

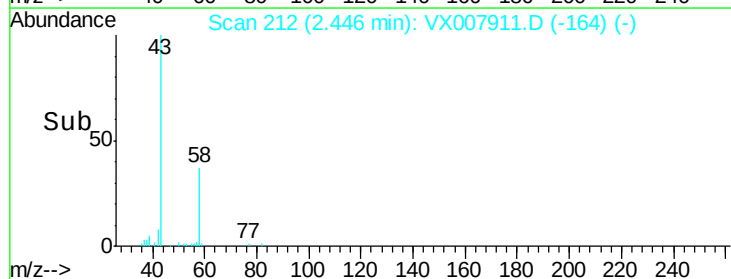
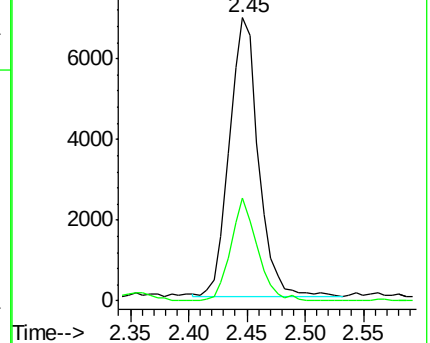
43 100

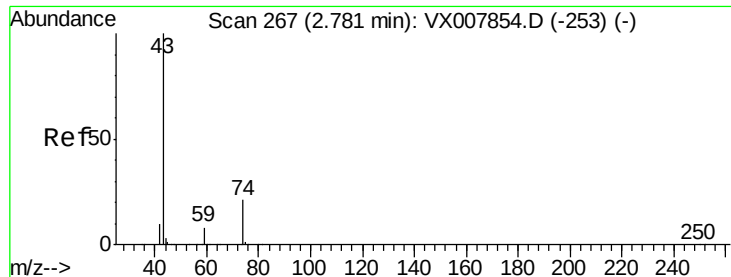
58 36.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

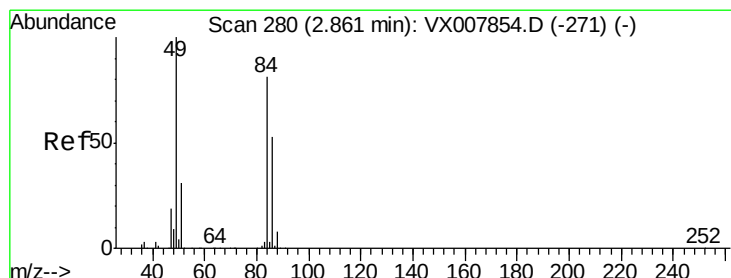
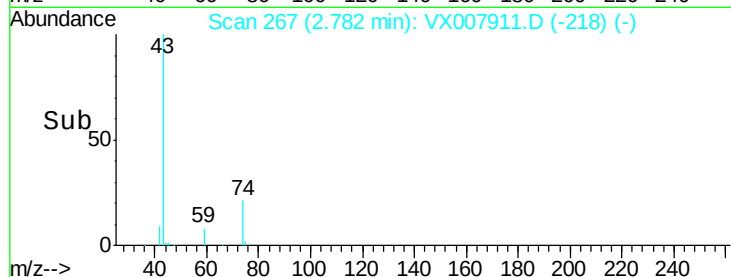
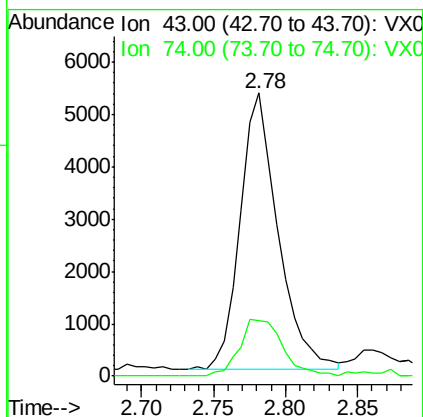
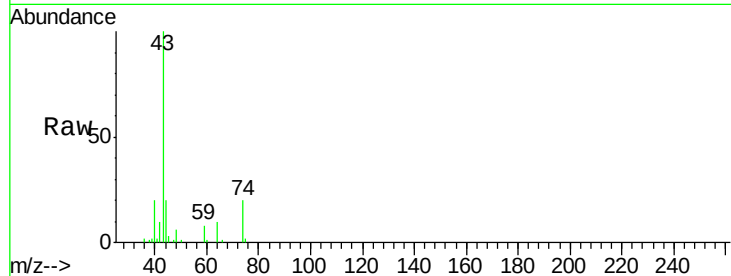




#18
Methvl Acetate
Concen: 2.699 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

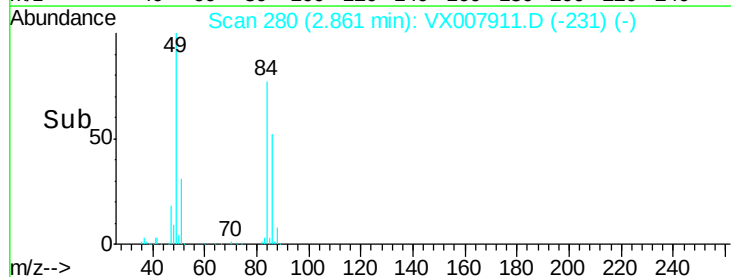
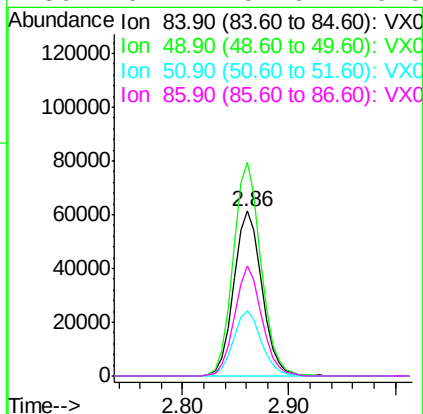
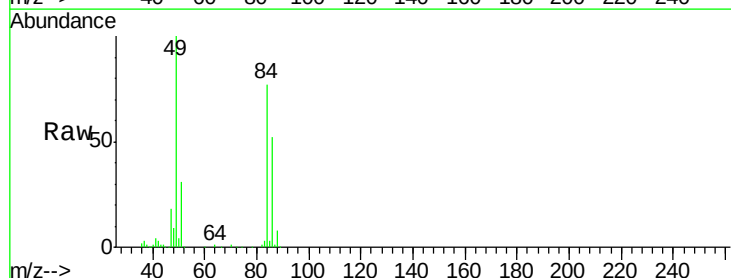
Instrument :
MSVOA_X
ClientSampled :
Z2-8

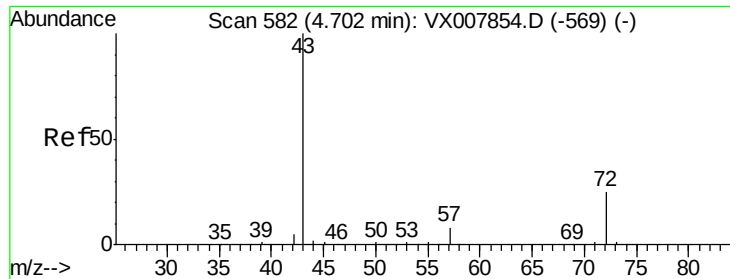
Tot Ion: 43 Resp: 9703
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.6



#20
Methylene Chloride
Concen: 42.379 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Tgt Ion: 84 Resp: 114136
Ion Ratio Lower Upper
84 100
49 129.4 99.3 148.9
51 39.8 31.3 46.9
86 67.1 52.6 79.0





#25

2-Butanone

Concen: 0.997 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

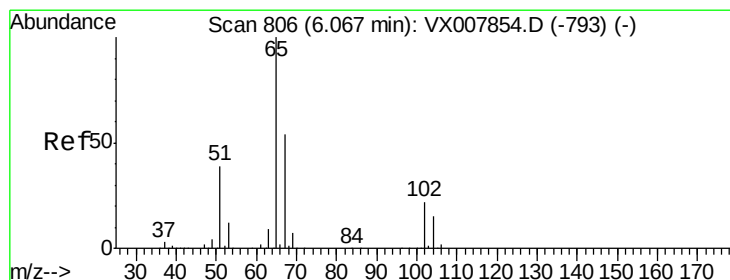
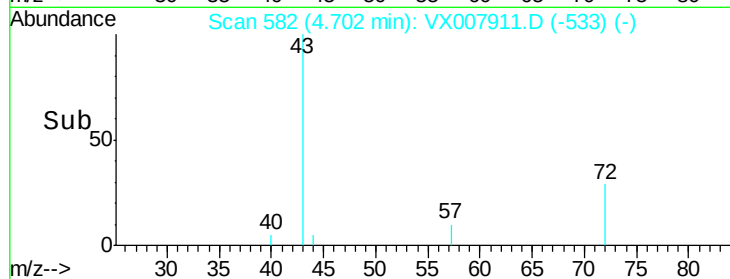
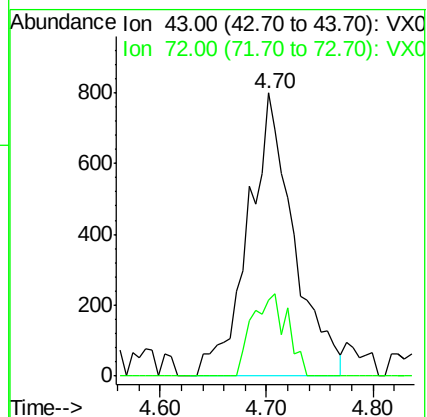
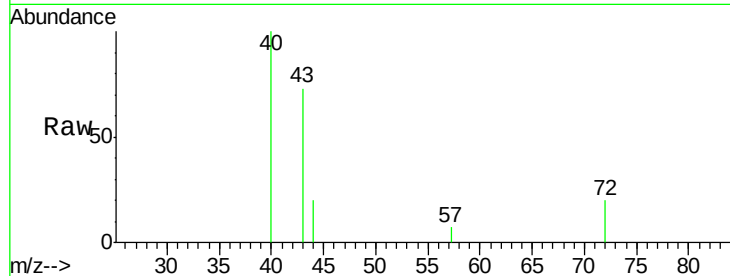
Instrument :
MSVOA_X
ClientSampled :
Z2-8

Tot Ion: 43 Resp: 2389

Ion Ratio Lower Upper

43 100

72 26.7 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 52.943 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007911.D

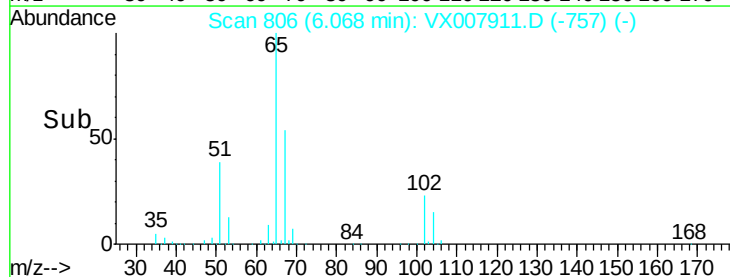
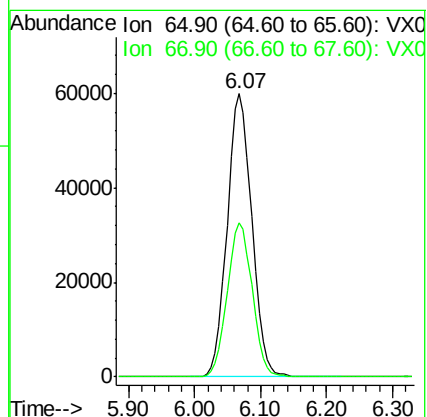
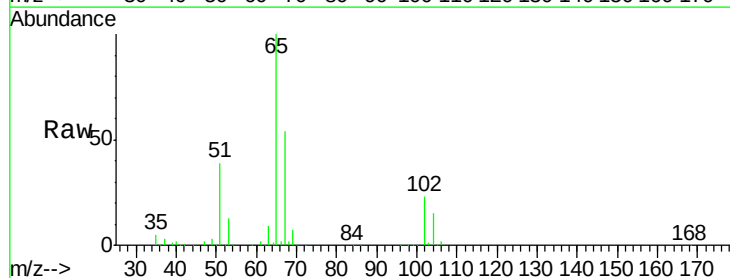
Acq: 08 Mar 2019 04:17

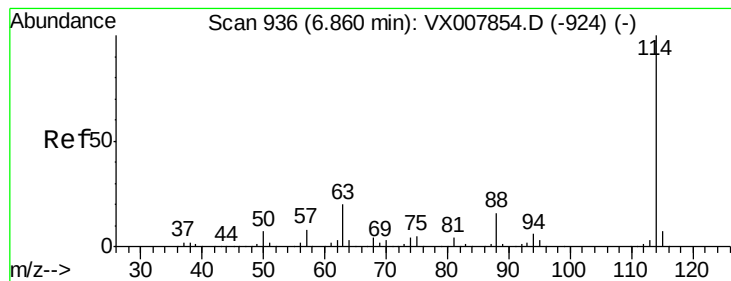
Tgt Ion: 65 Resp: 154787

Ion Ratio Lower Upper

65 100

67 55.0 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: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

Z2-8

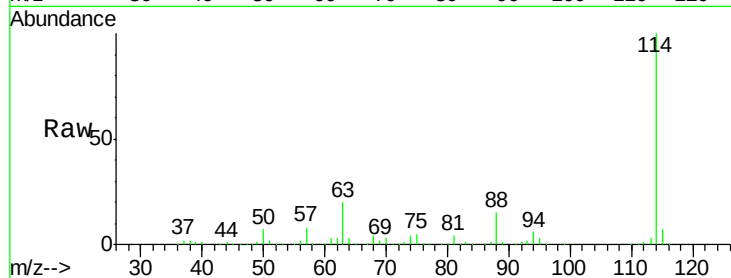
Tot Ion:114 Resp: 437208

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

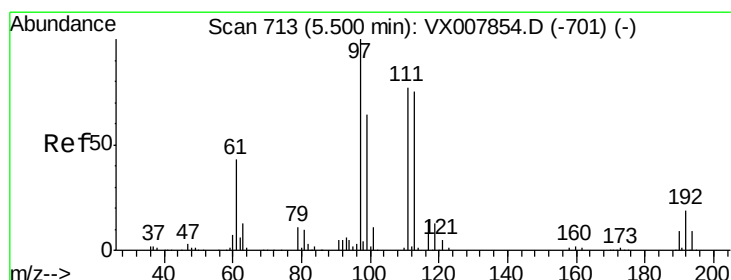
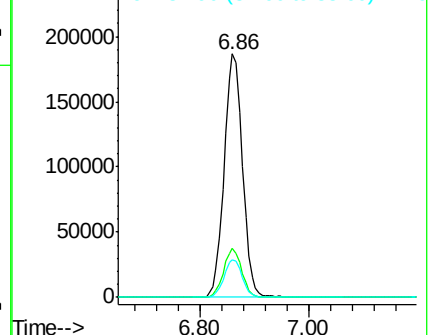
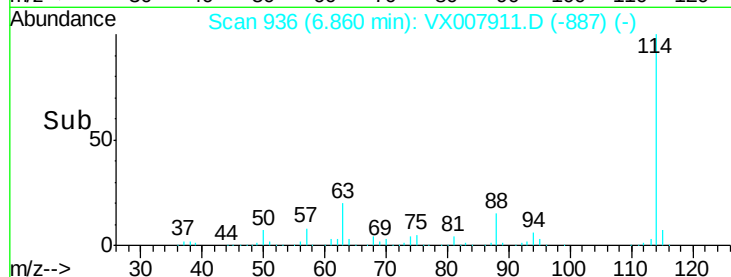
88 15.3 0.0 31.4



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: 50.834 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

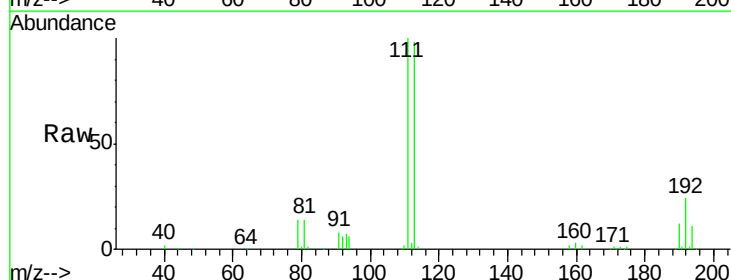
Tgt Ion:113 Resp: 142165

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

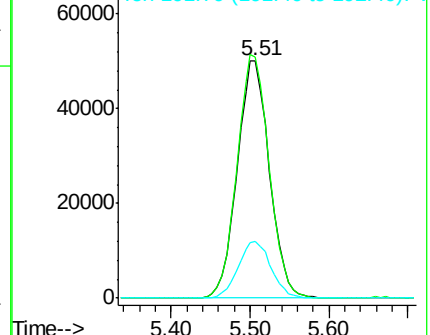
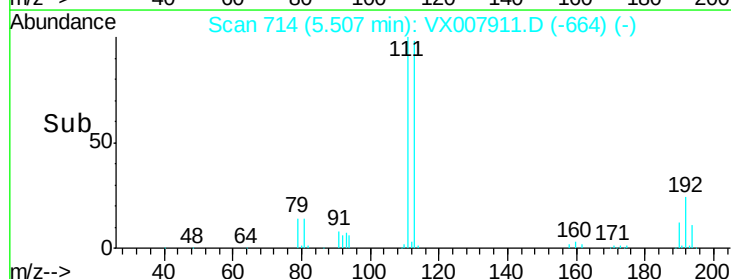
192 24.3 19.4 29.0

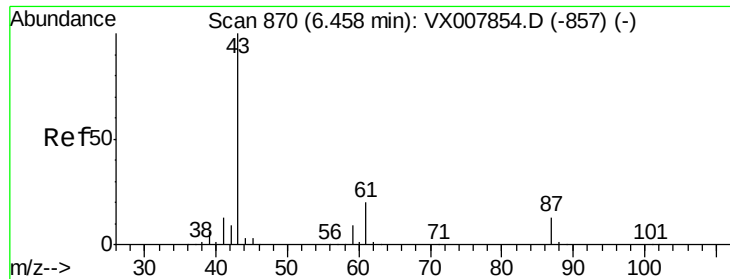


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.352 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

Z2-8

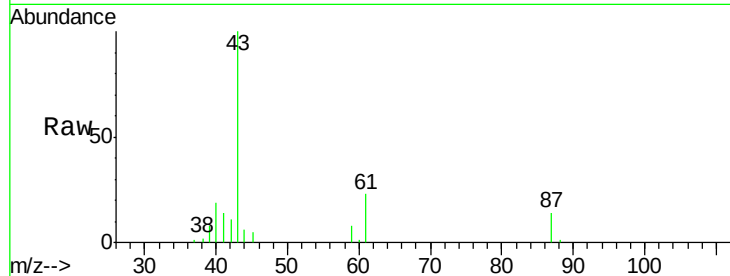
Tot Ion: 43 Resp: 16350

Ion Ratio Lower Upper

43 100

61 21.8 16.3 24.5

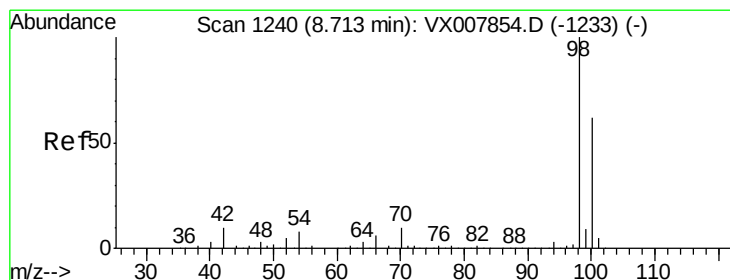
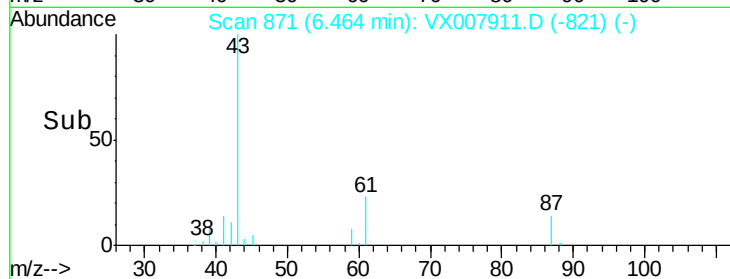
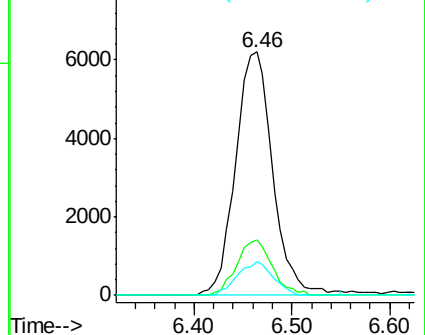
87 13.1 10.5 15.7



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: 52.762 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007911.D

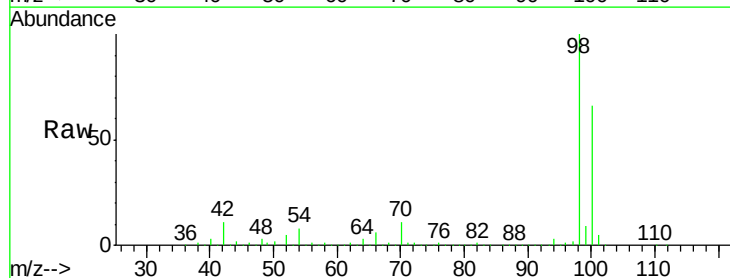
Acq: 08 Mar 2019 04:17

Tgt Ion: 98 Resp: 541910

Ion Ratio Lower Upper

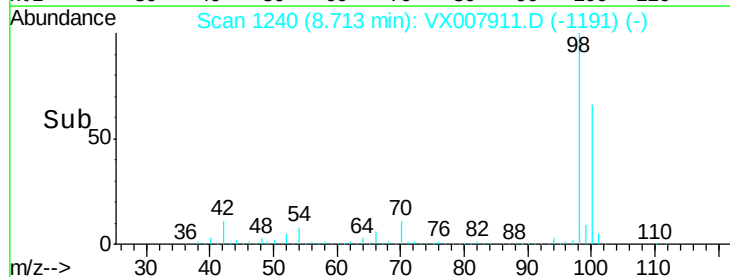
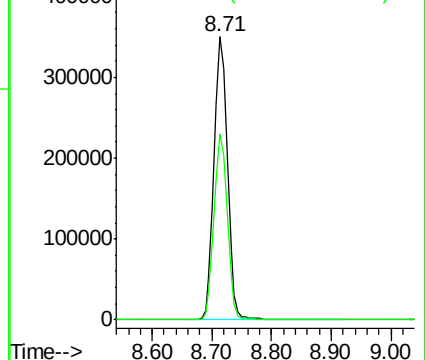
98 100

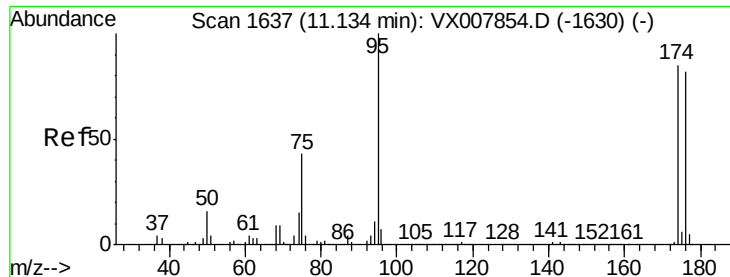
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.475 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

Z2-8

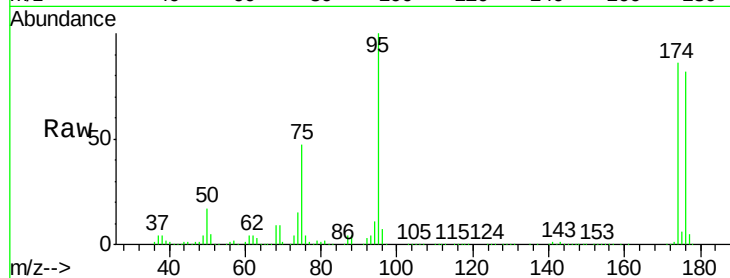
Tot Ion: 95 Resp: 199767

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

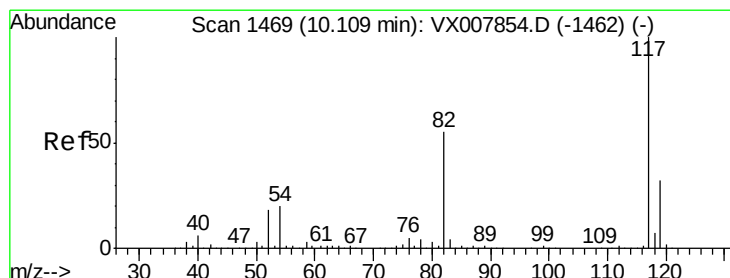
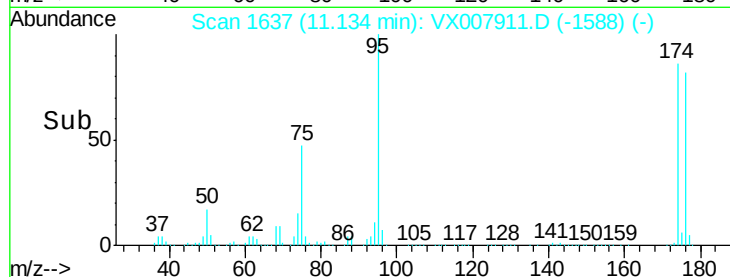
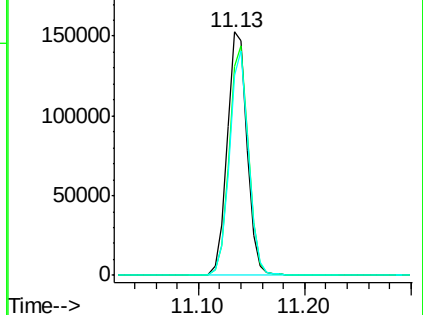
176 88.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007911.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007911.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007911.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

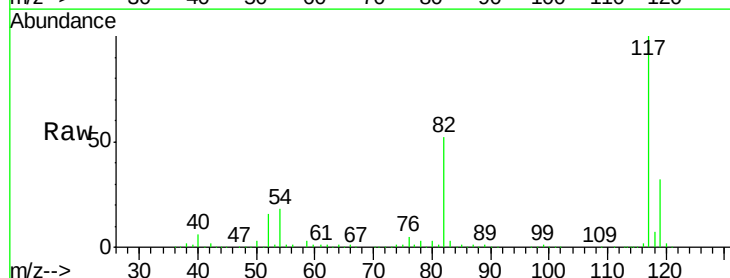
Tgt Ion: 117 Resp: 419338

Ion Ratio Lower Upper

117 100

82 52.2 44.3 66.5

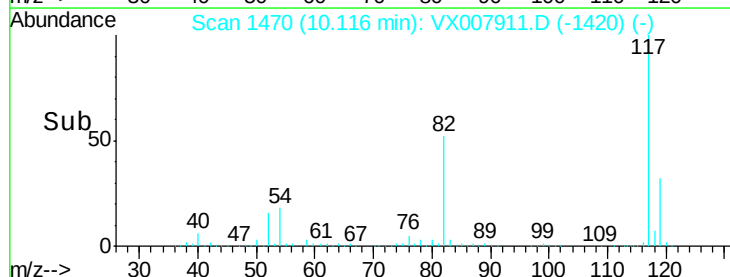
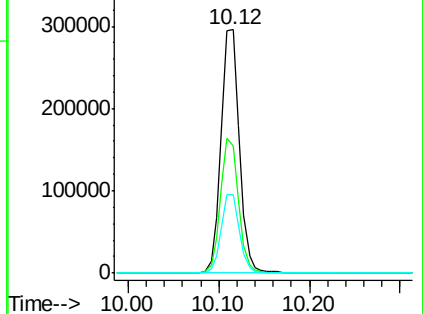
119 32.5 25.3 37.9

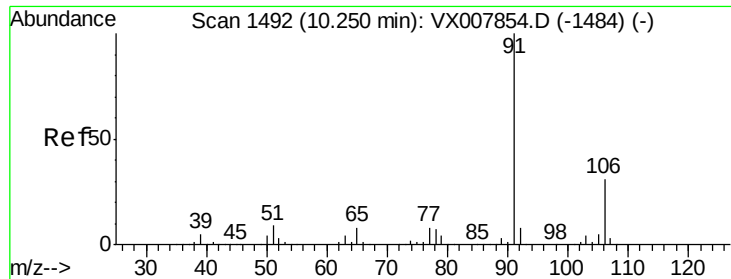


Abundance Ion 116.90 (116.60 to 117.60): VX007911.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007911.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007911.D (-1420) (-)





#67

Ethyl Benzene

Concen: 2.760 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

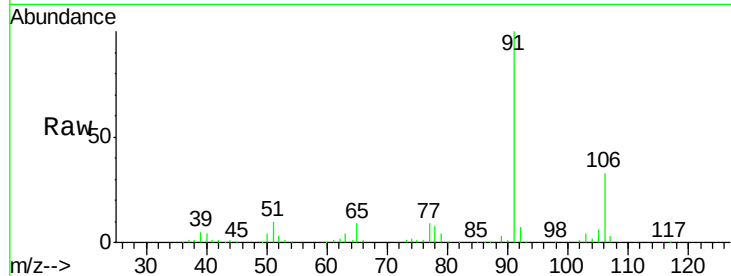
Z2-8

Tot Ion: 91 Resp: 39863

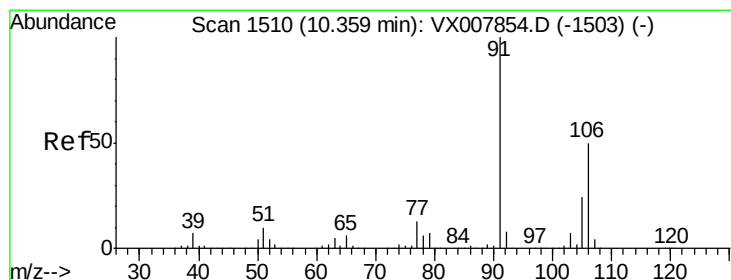
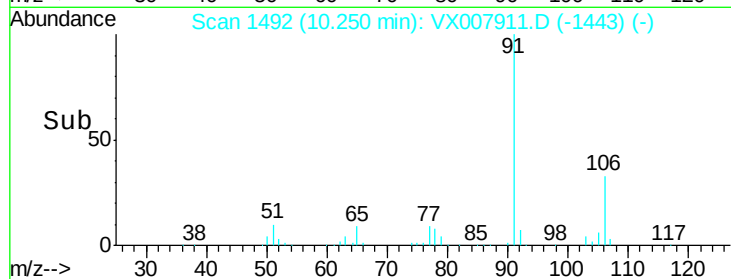
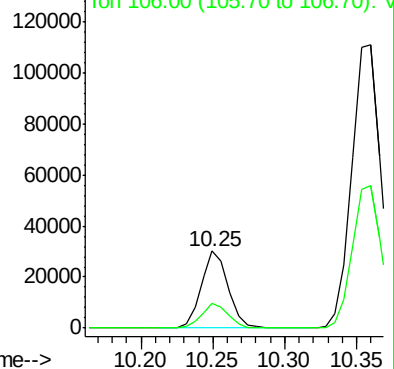
Ion Ratio Lower Upper

91 100

106 33.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX007854.D (-1484) (-)



#68

m/p-Xylenes

Concen: 14.111 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007911.D

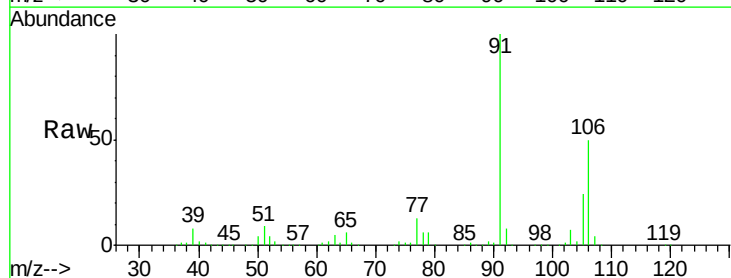
Acq: 08 Mar 2019 04:17

Tgt Ion: 106 Resp: 78565

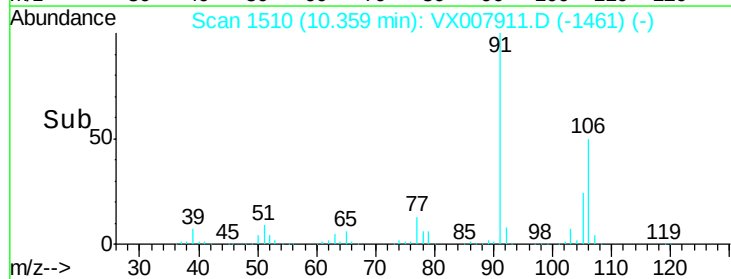
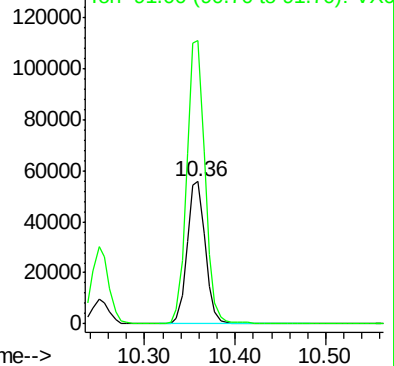
Ion Ratio Lower Upper

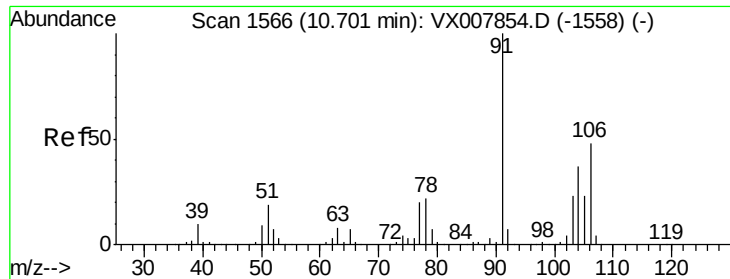
106 100

91 199.4 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VX007854.D (-1503) (-)

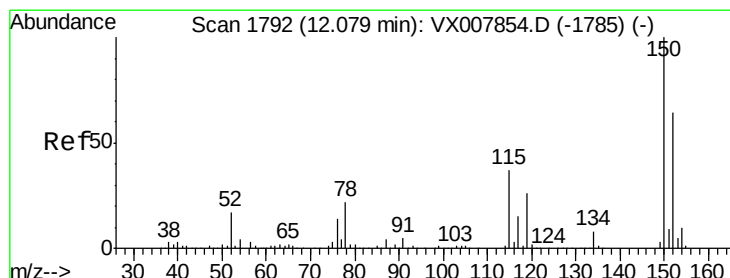
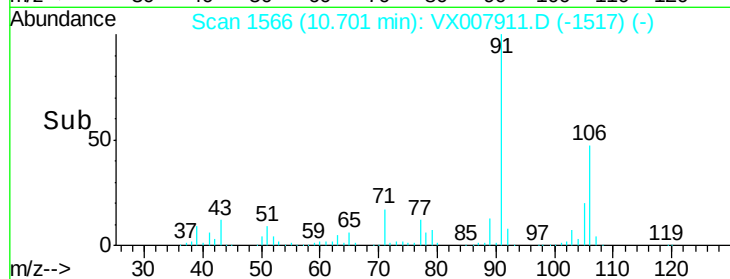
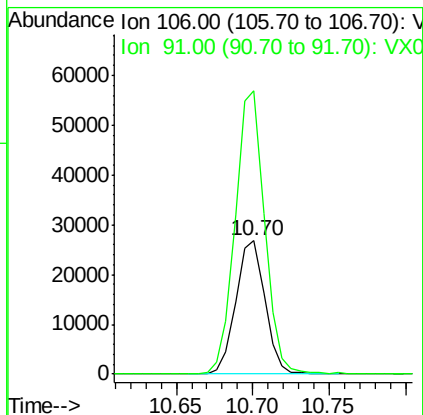
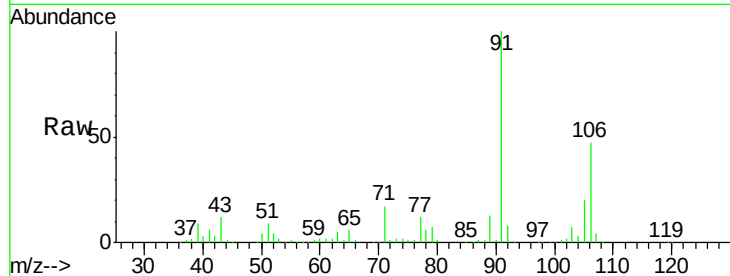




#69
o-Xylene
Concen: 6.587 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

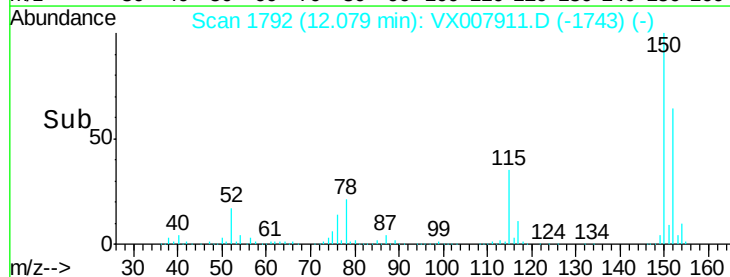
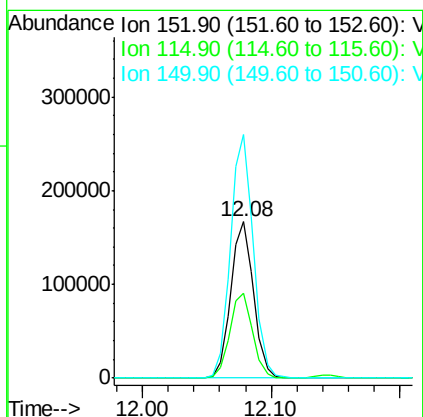
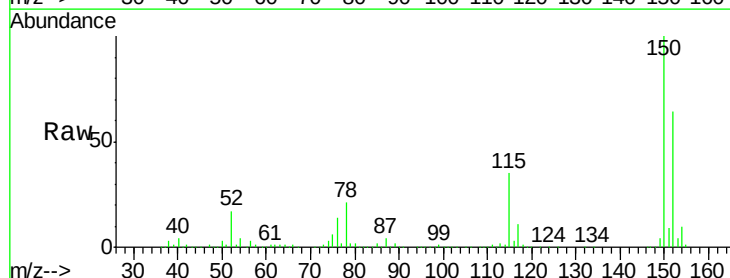
Instrument :
MSVOA_X
ClientSampled :
Z2-8

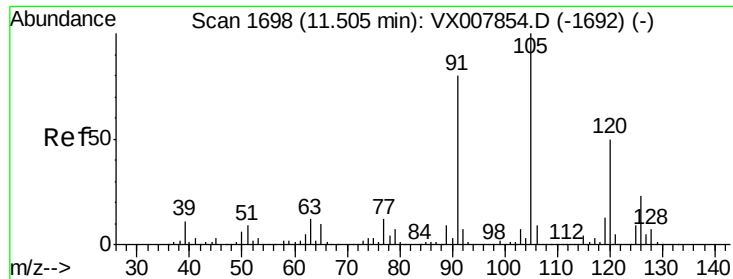
Tot Ion:106 Resp: 35404
Ion Ratio Lower Upper
106 100
91 214.6 106.3 318.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Tgt Ion:152 Resp: 206636
Ion Ratio Lower Upper
152 100
115 54.4 38.6 115.7
150 155.8 0.0 348.4





#80

1,3,5-Trimethylbenzene

Concen: 5.488 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampled :

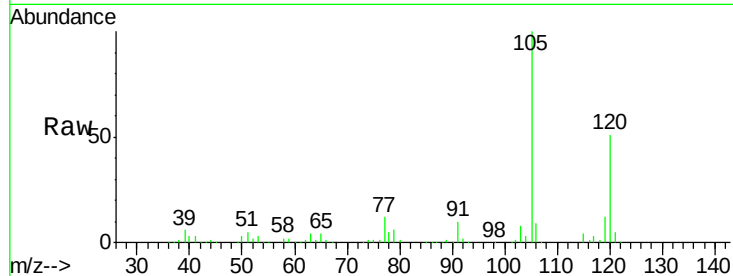
Z2-8

Tot Ion:105 Resp: 63120

Ion Ratio Lower Upper

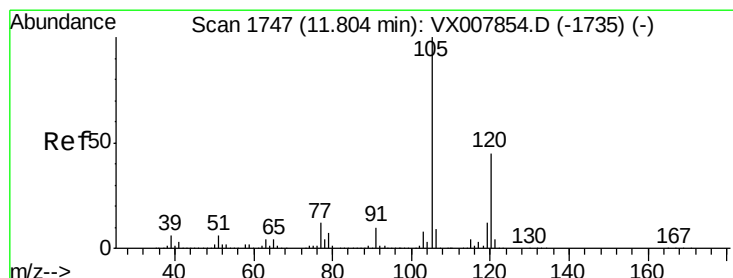
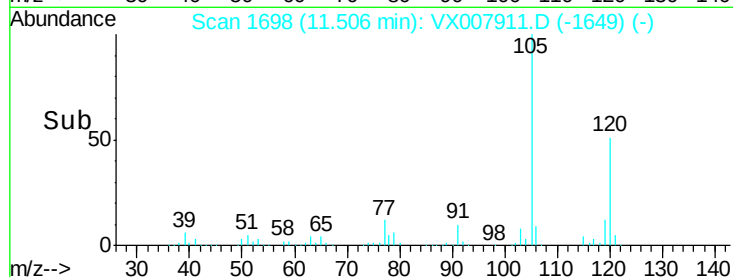
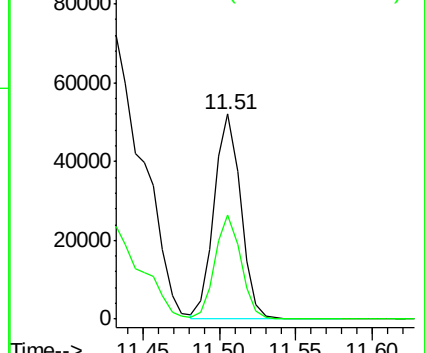
105 100

120 50.0 24.9 74.6



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: 28.060 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007911.D

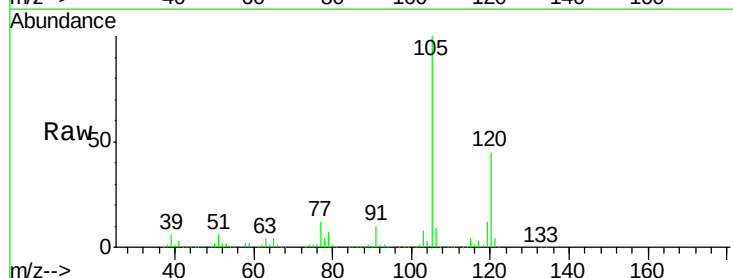
Acq: 08 Mar 2019 04:17

Tgt Ion:105 Resp: 330863

Ion Ratio Lower Upper

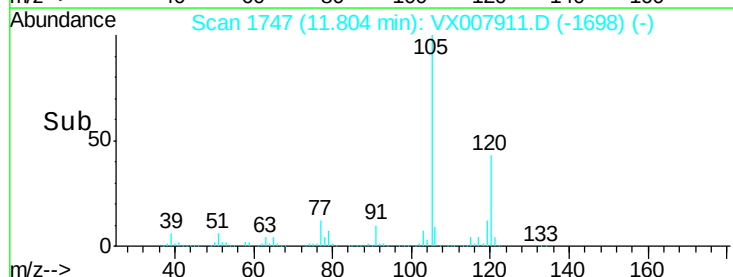
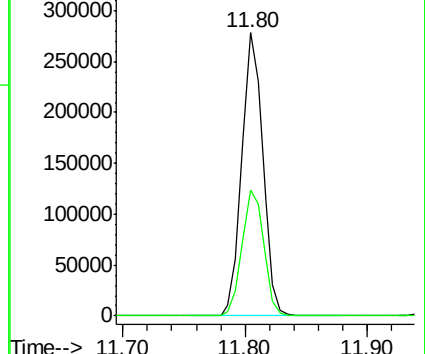
105 100

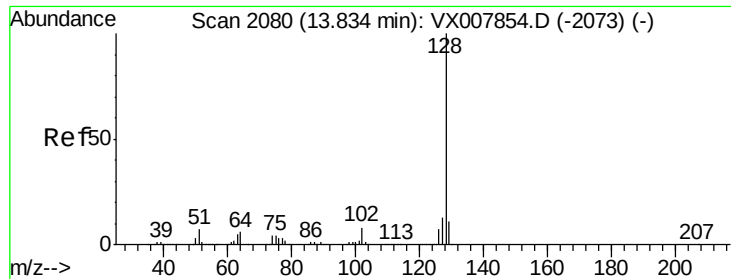
120 45.8 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 2.894 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.3	8.7	13.1

