

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002048.D
 Acq On : 27 May 2018 05:11
 Operator : JC/MD
 Sample : J3104-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-A

Quant Time: May 29 06:44:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	26515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	38335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	33174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	15217	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	52638	111.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	222.12%	
35) Dibromofluoromethane	5.51	113	38953	101.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	203.22%	
50) Toluene-d8	8.72	98	137702	99.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	198.44%	
62) 4-Bromofluorobenzene	11.14	95	44887	82.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	165.32%	

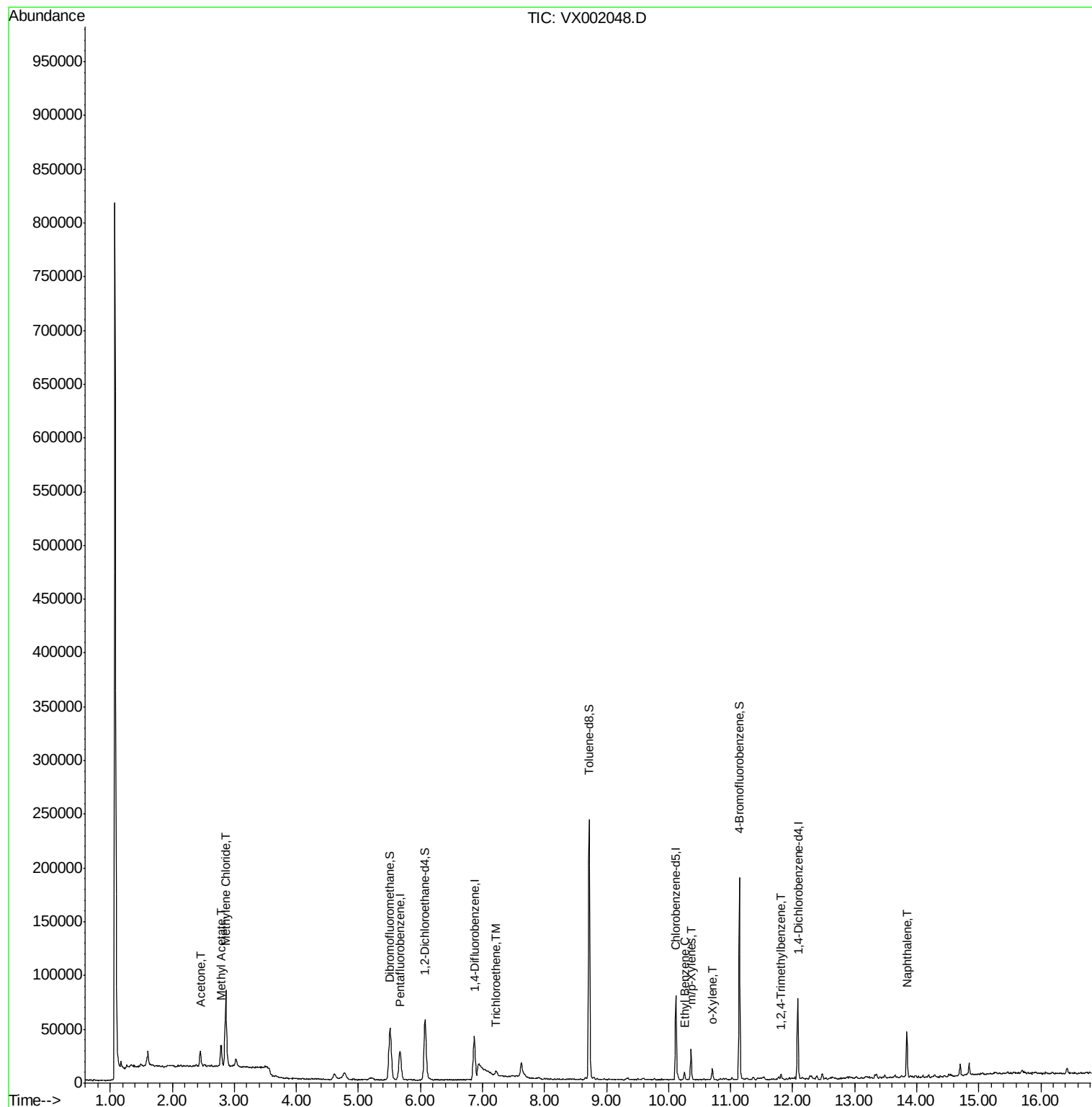
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	16792	91.80	ug/l	96
18) Methyl Acetate	2.78	43	23546	53.52	ug/l	95
20) Methylene Chloride	2.86	84	31124	99.94	ug/l	96
44) Trichloroethene	7.23	130	1648	3.62	ug/l	65
67) Ethyl Benzene	10.26	91	3920	2.15	ug/l #	83
68) m/p-Xylenes	10.36	106	5792	8.30	ug/l	91
69) o-Xylene	10.70	106	2401	3.44	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	2018	1.77	ug/l	97
95) Naphthalene	13.84	128	25676	18.68	ug/l	99

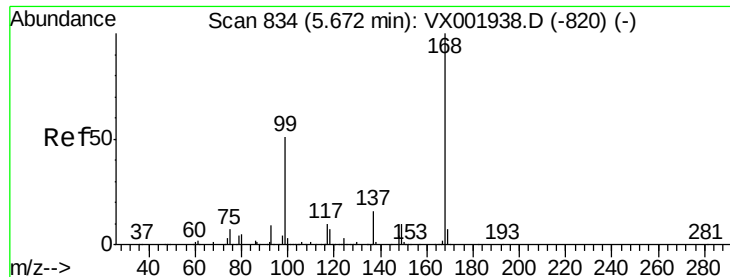
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002048.D

Acq: 27 May 2018 05:11

Instrument :

MSVOA_X

ClientSampled :

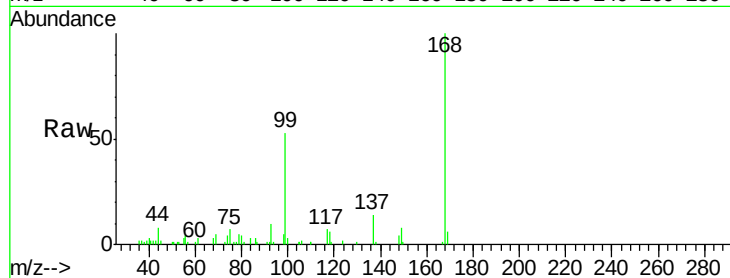
SP-A

Tot Ion:168 Resp: 26515

Ion Ratio Lower Upper

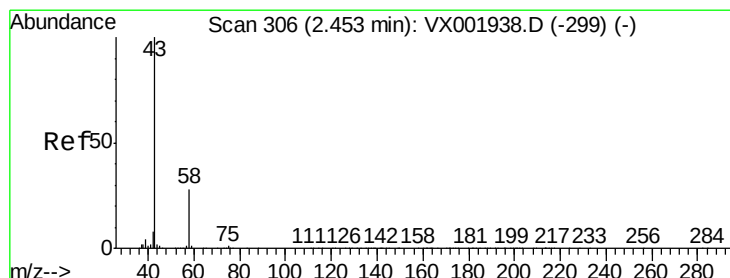
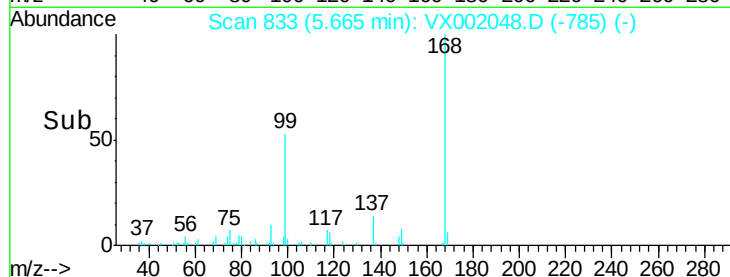
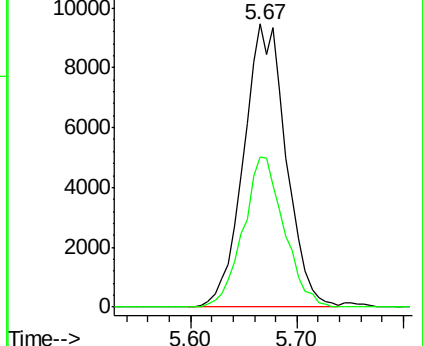
168 100

99 53.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 91.80 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002048.D

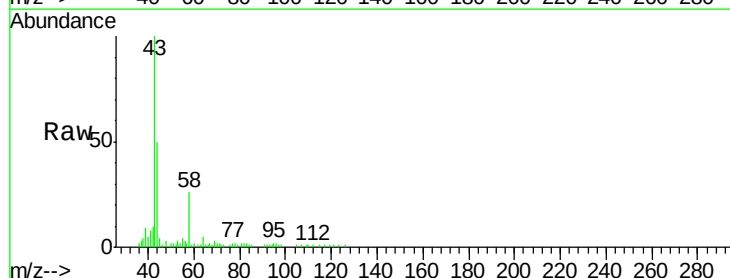
Acq: 27 May 2018 05:11

Tgt Ion: 43 Resp: 16792

Ion Ratio Lower Upper

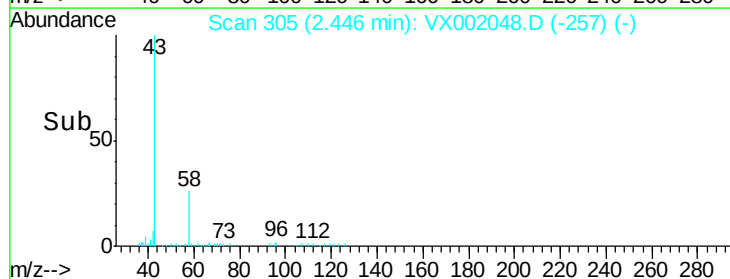
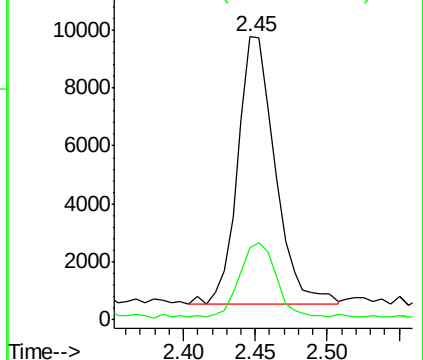
43 100

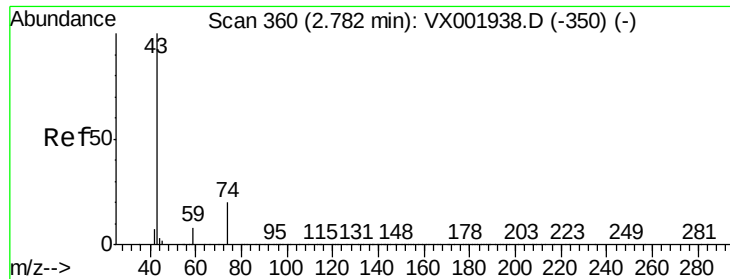
58 25.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 53.52 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002048.D

Acq: 27 May 2018 05:11

Instrument :

MSVOA_X

ClientSampleId :

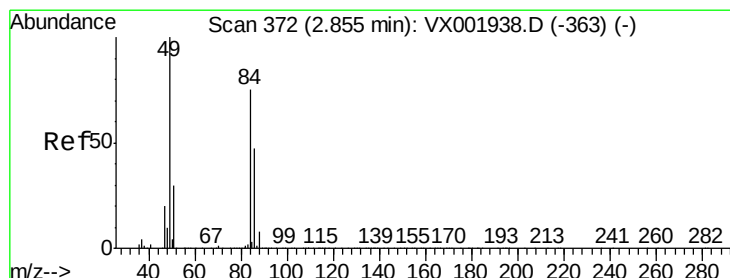
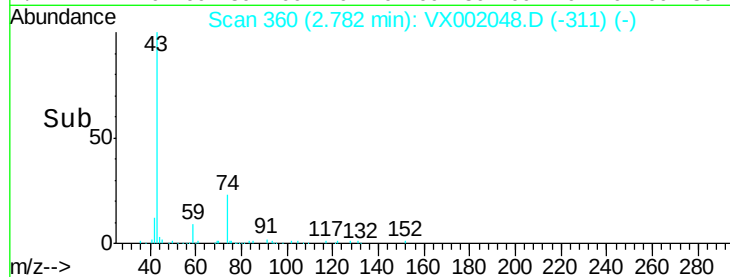
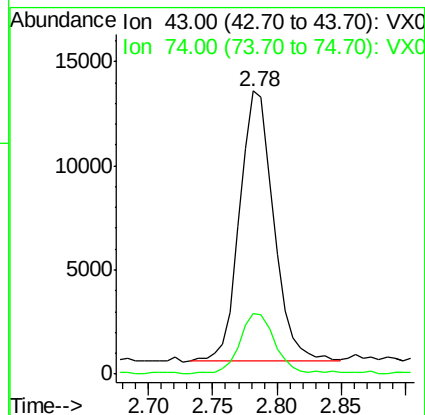
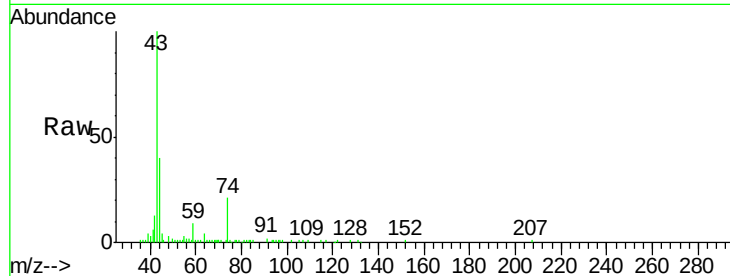
SP-A

Tot Ion: 43 Resp: 23546

Ion Ratio Lower Upper

43 100

74 23.3 16.8 25.2



#20

Methylene Chloride

Concen: 99.94 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX002048.D

Acq: 27 May 2018 05:11

Tgt Ion: 84 Resp: 31124

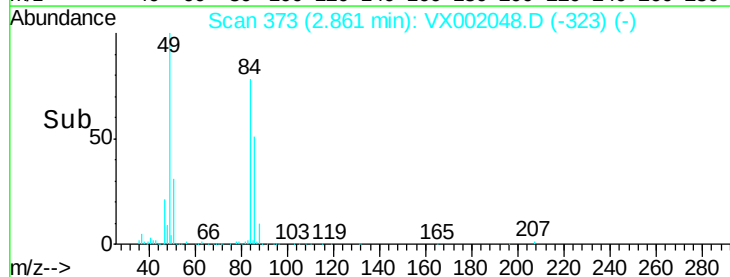
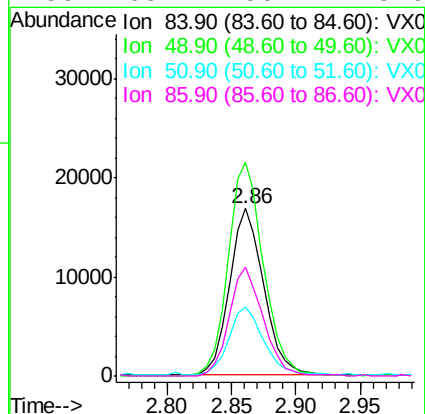
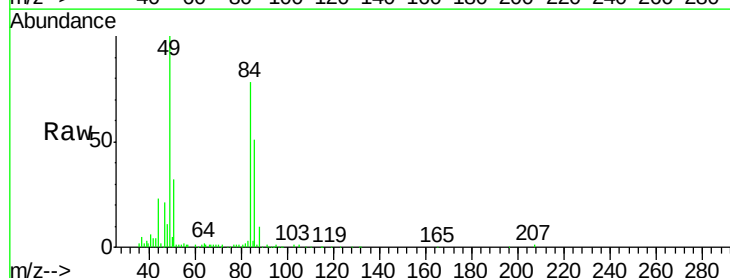
Ion Ratio Lower Upper

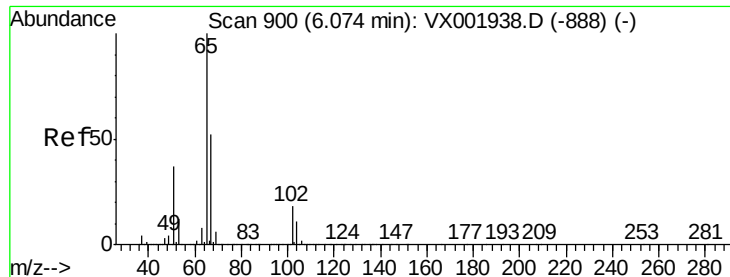
84 100

49 127.8 107.2 160.8

51 40.6 32.4 48.6

86 65.4 50.4 75.6

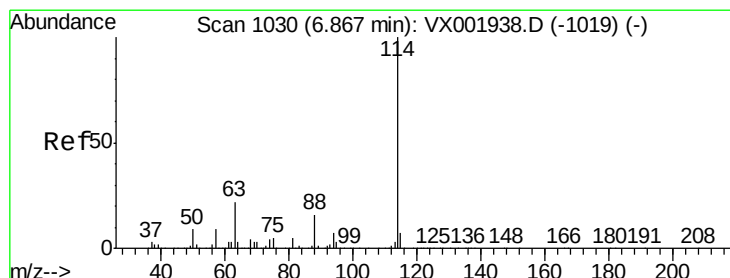
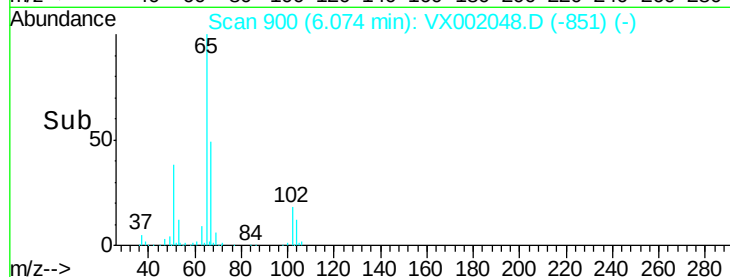
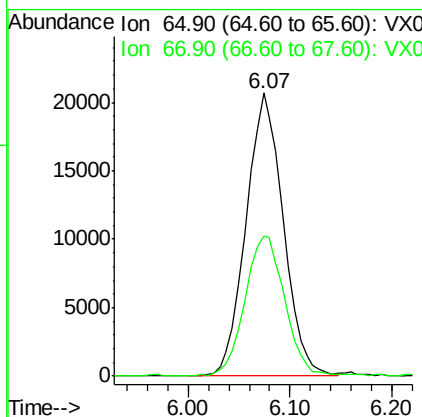
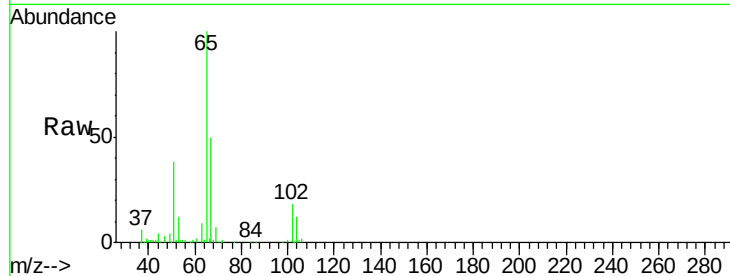




#33
 1,2-Dichloroethane-d4
 Concen: 111.06 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002048.D
 Acq: 27 May 2018 05:11

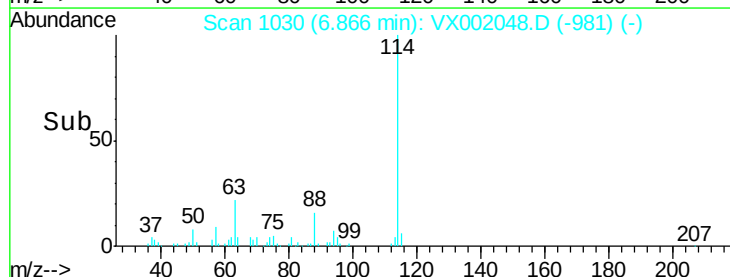
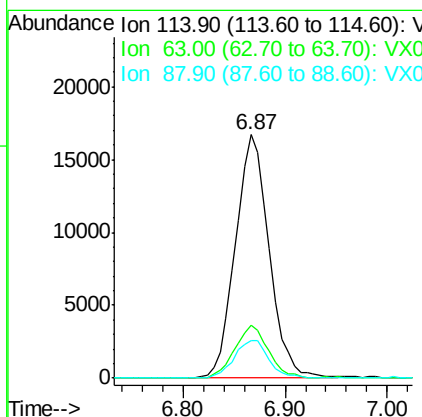
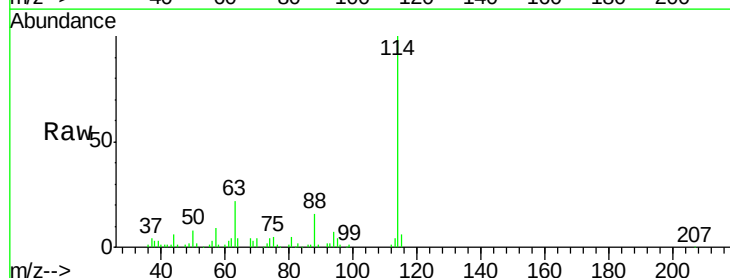
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-A

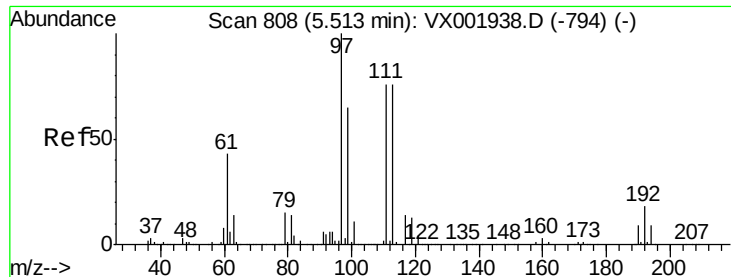
Tot Ion: 65 Resp: 52638
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002048.D
 Acq: 27 May 2018 05:11

Tgt Ion: 114 Resp: 38335
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 15.6 0.0 31.6

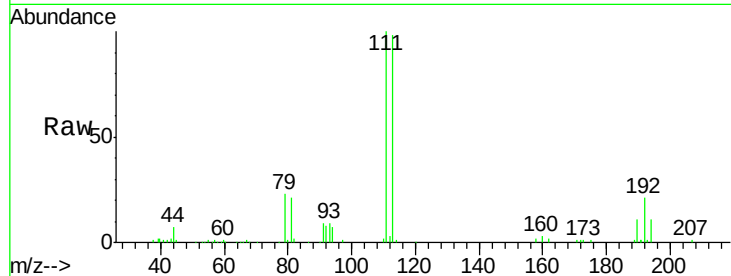




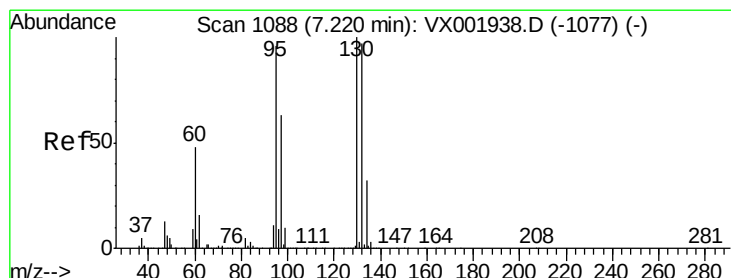
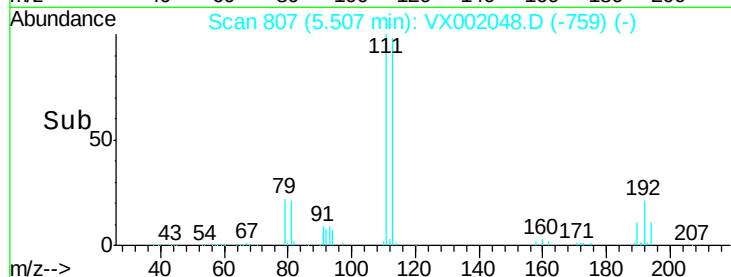
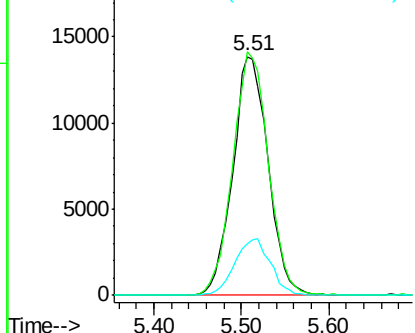
#35
 Dibromofluoromethane
 Concen: 101.61 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002048.D
 Acq: 27 May 2018 05:11

Instrument :
 MSVOA_X
 ClientSampled :
 SP-A

Tot Ion:113 Resp: 38953
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 23.9 18.9 28.3

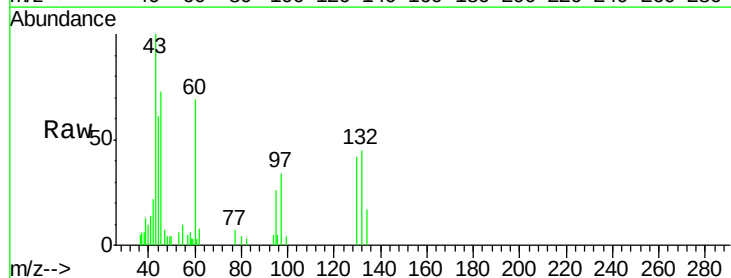


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

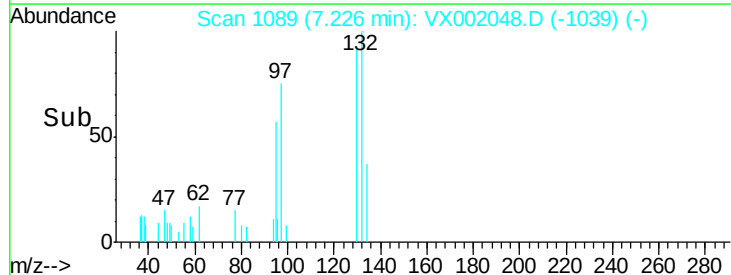
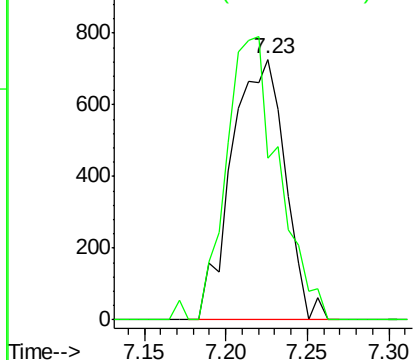


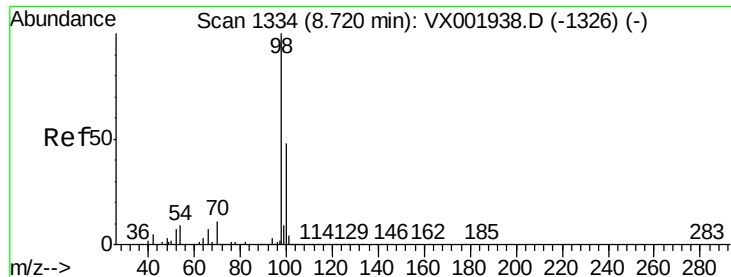
#44
 Trichloroethene
 Concen: 3.62 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX002048.D
 Acq: 27 May 2018 05:11

Tgt Ion:130 Resp: 1648
 Ion Ratio Lower Upper
 130 100
 95 62.1 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 99.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002048.D

Acq: 27 May 2018 05:11

Instrument :

MSVOA_X

ClientSampled :

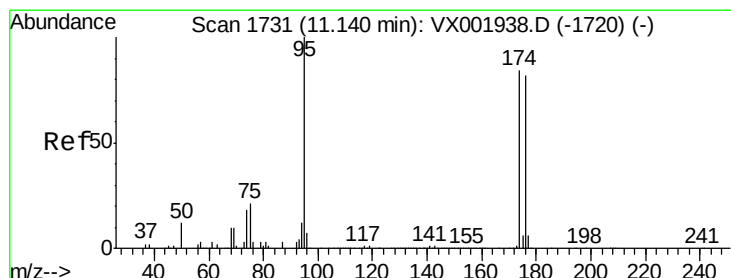
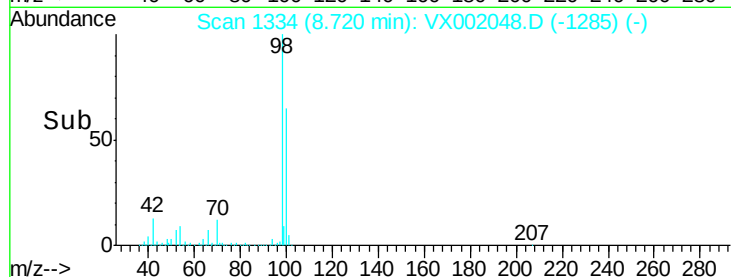
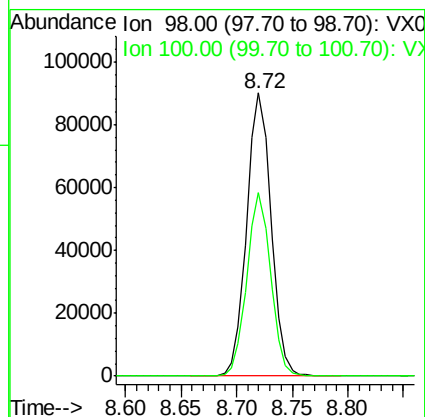
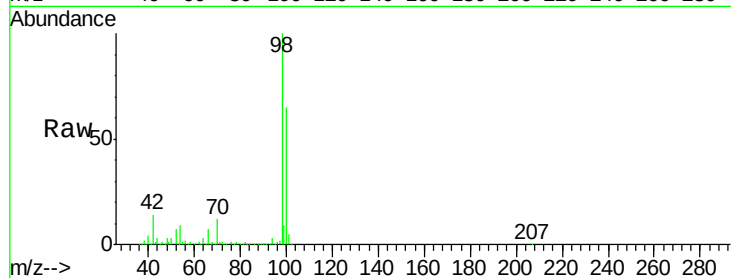
SP-A

Tot Ion: 98 Resp: 137702

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 82.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002048.D

Acq: 27 May 2018 05:11

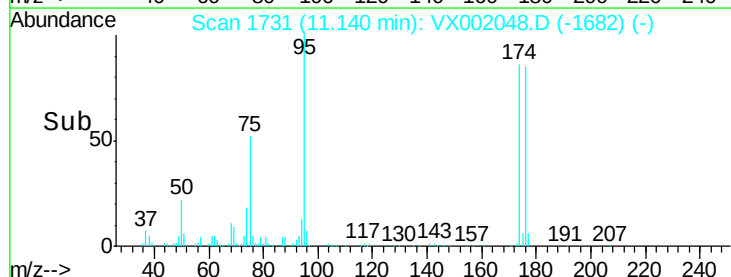
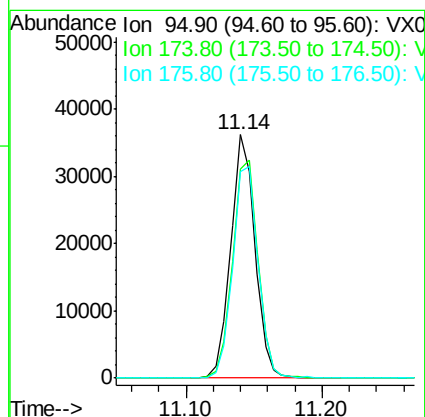
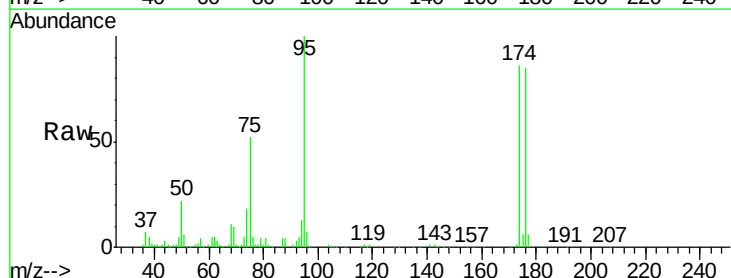
Tgt Ion: 95 Resp: 44887

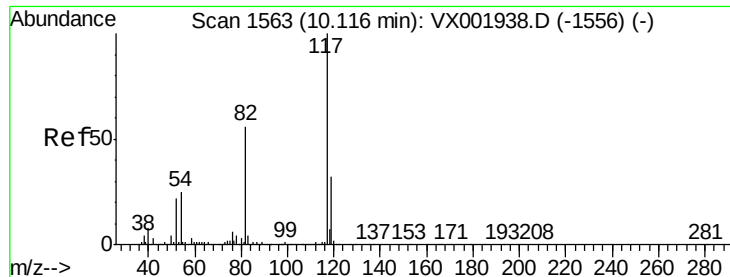
Ion Ratio Lower Upper

95 100

174 94.0 0.0 178.8

176 90.9 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002048.D

Acq: 27 May 2018 05:11

Instrument :

MSVOA_X

ClientSampleId :

SP-A

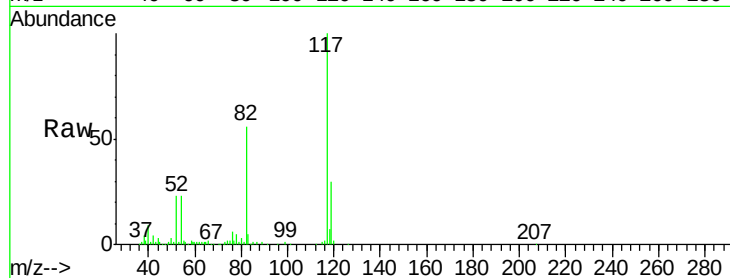
Tot Ion:117 Resp: 33174

Ion Ratio Lower Upper

117 100

82 56.0 44.8 67.2

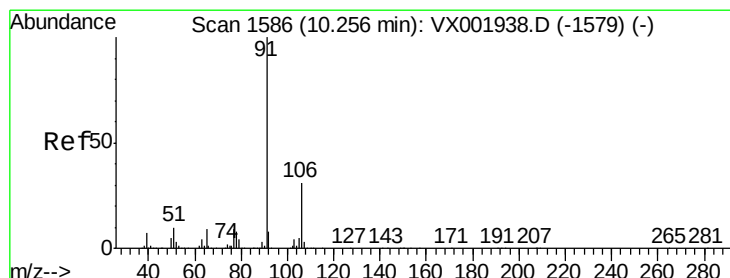
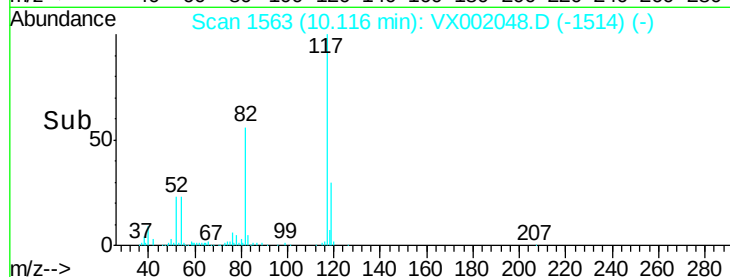
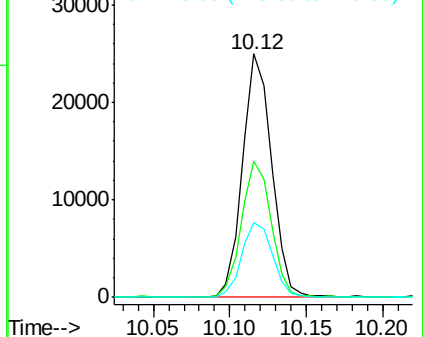
119 30.4 25.5 38.3



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



#67

Ethyl Benzene

Concen: 2.15 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VX002048.D

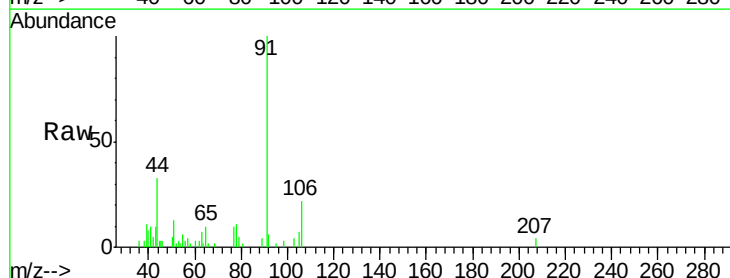
Acq: 27 May 2018 05:11

Tgt Ion: 91 Resp: 3920

Ion Ratio Lower Upper

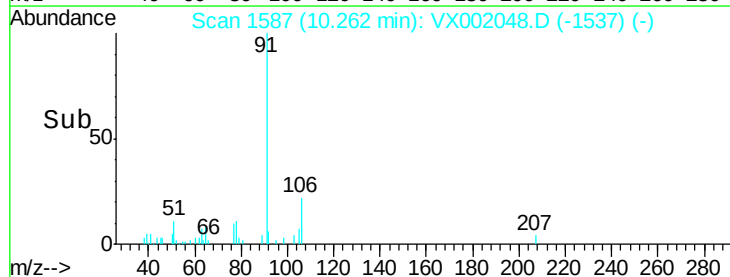
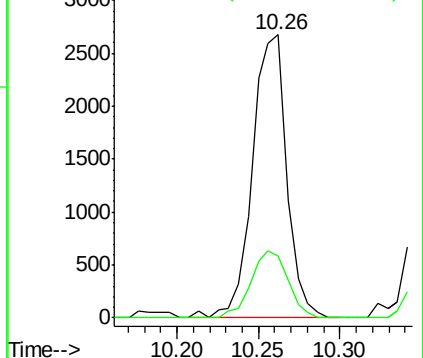
91 100

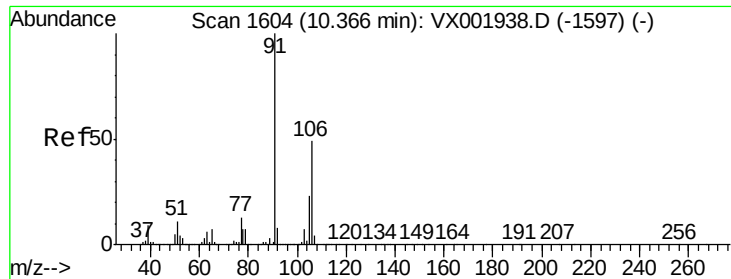
106 21.9 25.0 37.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

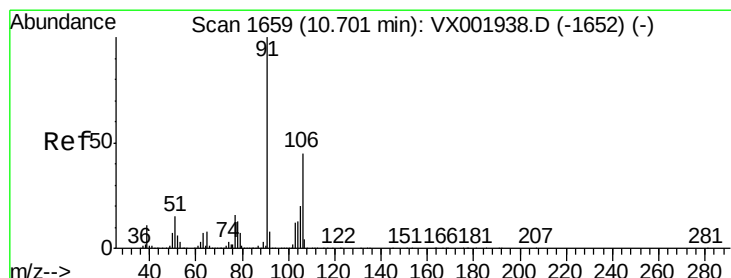
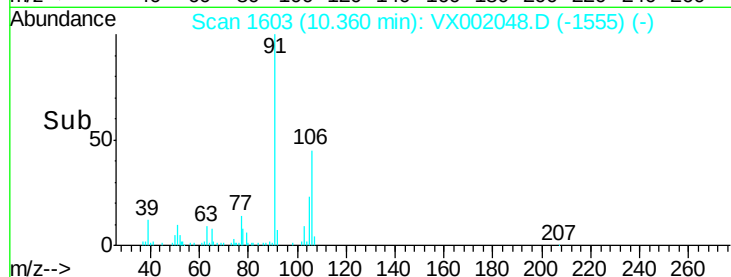
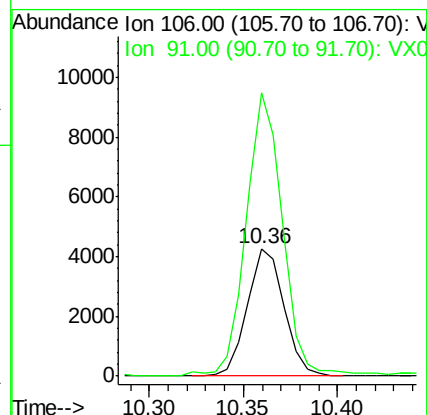
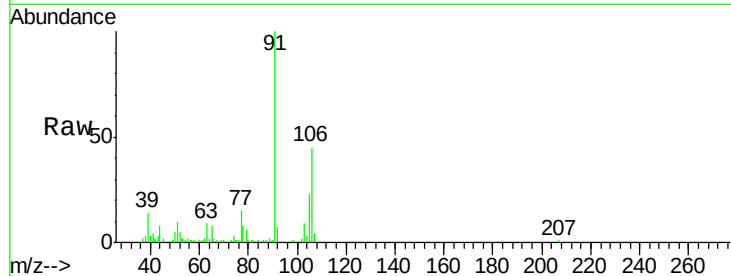




#68
m/p-Xylenes
Concen: 8.30 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002048.D
Acq: 27 May 2018 05:11

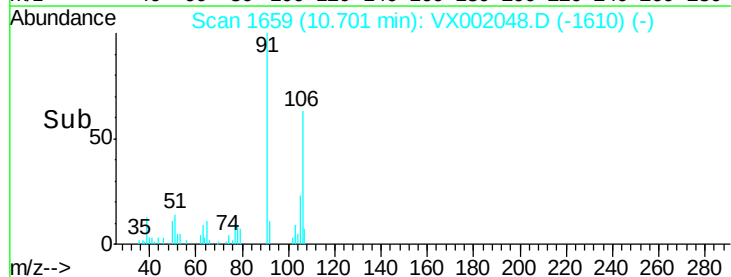
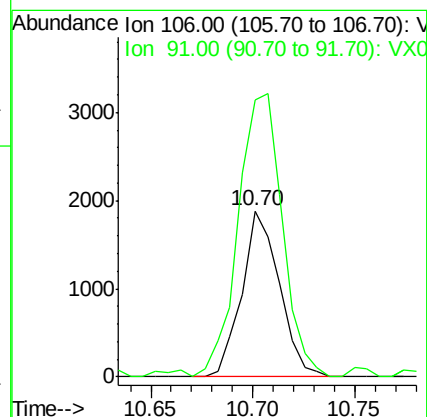
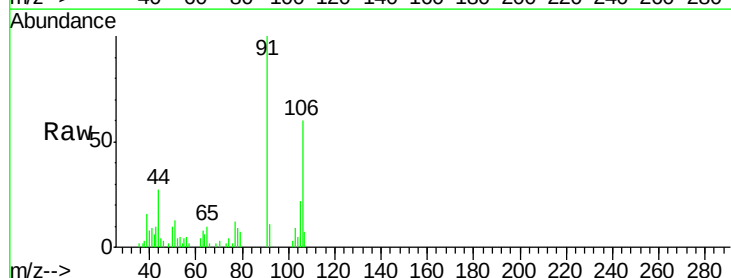
Instrument :
MSVOA_X
ClientSampled :
SP-A

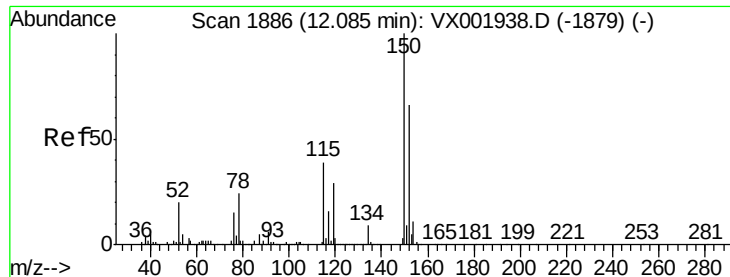
Tot Ion:106 Resp: 5792
Ion Ratio Lower Upper
106 100
91 221.0 165.0 247.6



#69
o-Xylene
Concen: 3.44 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002048.D
Acq: 27 May 2018 05:11

Tgt Ion:106 Resp: 2401
Ion Ratio Lower Upper
106 100
91 200.4 108.7 325.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002048.D

Acq: 27 May 2018 05:11

Instrument :

MSVOA_X

ClientSampled :

SP-A

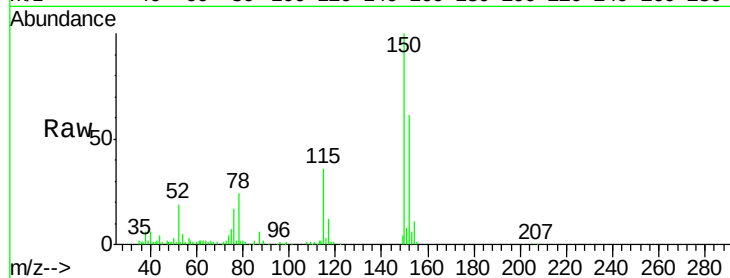
Tot Ion:152 Resp: 15217

Ion Ratio Lower Upper

152 100

115 58.5 42.3 126.8

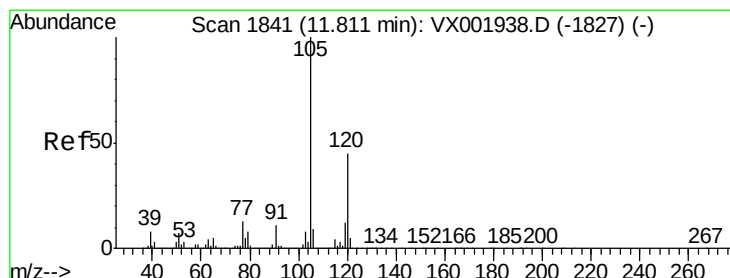
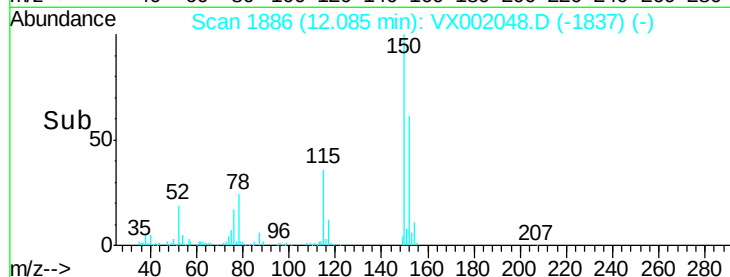
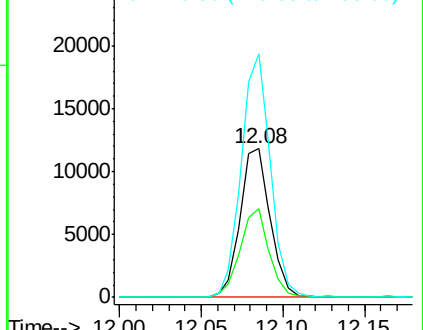
150 158.8 0.0 351.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.77 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002048.D

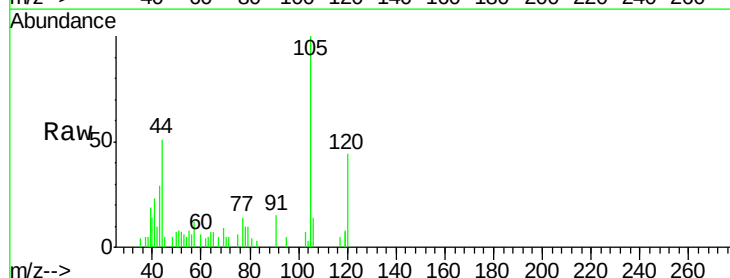
Acq: 27 May 2018 05:11

Tgt Ion:105 Resp: 2018

Ion Ratio Lower Upper

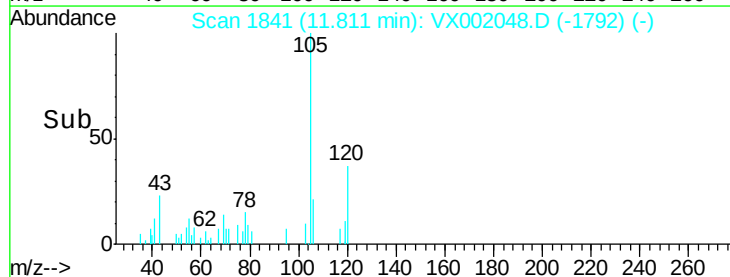
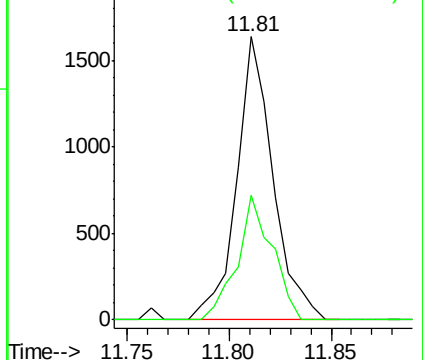
105 100

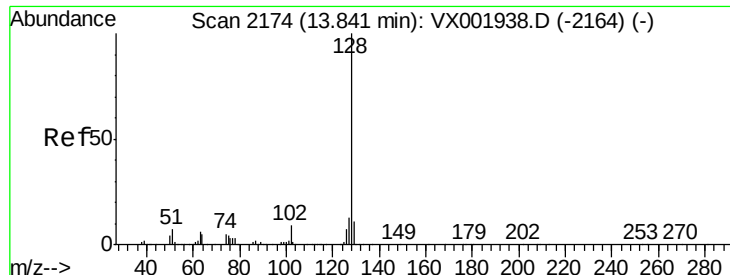
120 42.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 18.68 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002048.D

Acq: 27 May 2018 05:11

Instrument :

MSVOA_X

ClientSampleId :

SP-A

Tot Ion:128 Resp: 25676

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.2 8.8 13.2

