

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000287.D
 Acq On : 12 Mar 2018 20:19
 Operator : JC/MD
 Sample : J1727-04
 Misc : 6.64g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-4

Quant Time: Mar 13 10:31:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.13	117	278953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	164865	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	112817	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	5.53	113	85629	45.73	ug/l	0.01
Spiked Amount			Recovery	=	91.46%	
50) Toluene-d8	8.73	98	345690	44.57	ug/l	0.00
Spiked Amount			Recovery	=	89.14%	
62) 4-Bromofluorobenzene	11.15	95	133166	43.99	ug/l	0.00
Spiked Amount			Recovery	=	87.98%	

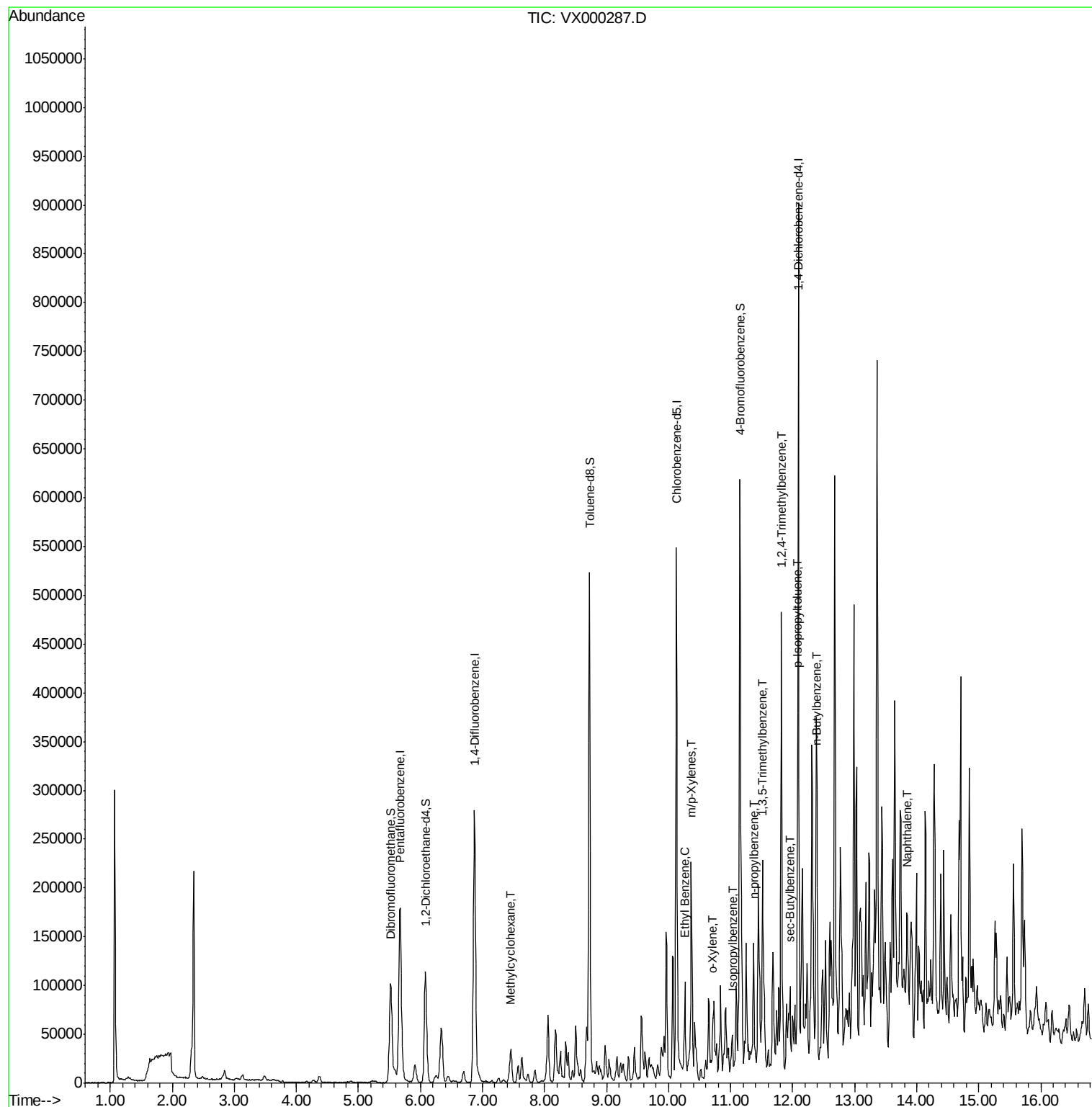
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	14346	4.41	ug/l	96
67) Ethyl Benzene	10.26	91	44957	4.57	ug/l	97
68) m/p-Xylenes	10.37	106	53041	14.02	ug/l	100
69) o-Xylene	10.71	106	11899	3.27	ug/l	99
73) Isopropylbenzene	11.03	105	17294	1.68	ug/l	96
78) n-propylbenzene	11.37	91	71528	5.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	88698	10.29	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	182969	20.65	ug/l	100
85) sec-Butylbenzene	11.96	105	22584	2.13	ug/l	95
86) p-Isopropyltoluene	12.07	119	8236	0.88	ug/l	88
89) n-Butylbenzene	12.40	91	65163	7.23	ug/l #	42
95) Naphthalene	13.85	128	79294	6.22	ug/l #	95

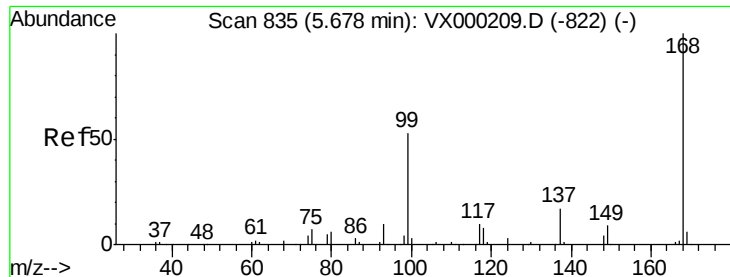
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 13 10:31:02 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000287.D

Acq: 12 Mar 2018 20:19

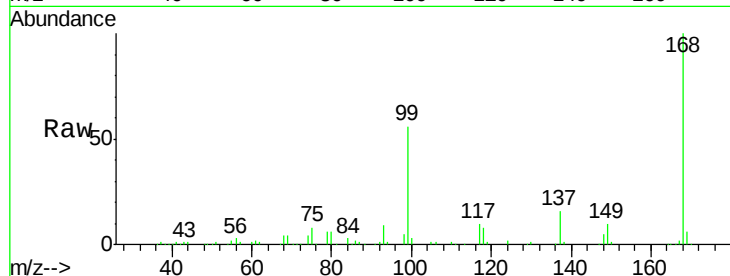
Instrument :
MSVOA_X
ClientSampleId :
T-4

Tot Ion:168 Resp: 175440

Ion Ratio Lower Upper

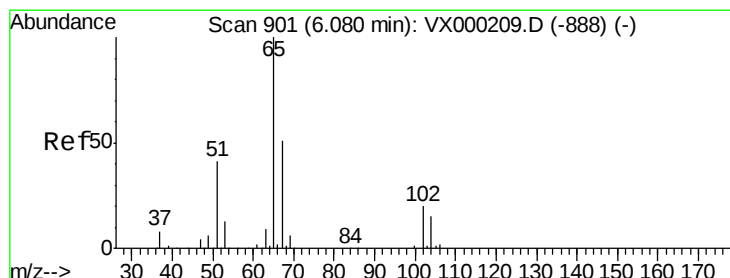
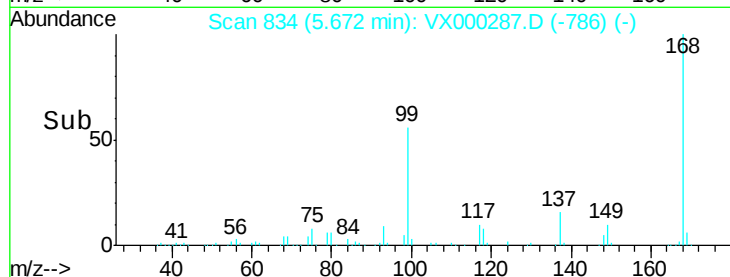
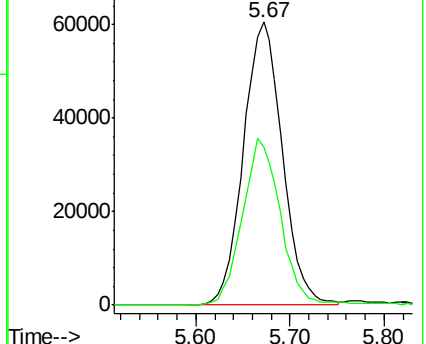
168 100

99 55.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.39 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000287.D

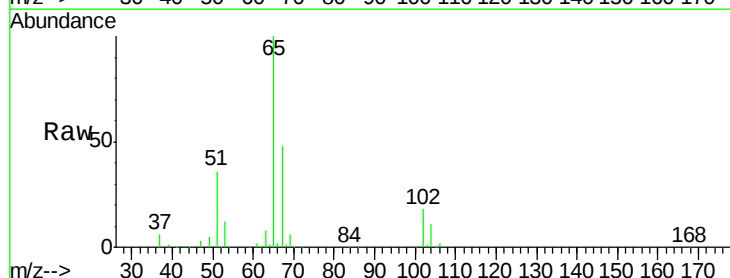
Acq: 12 Mar 2018 20:19

Tgt Ion: 65 Resp: 112817

Ion Ratio Lower Upper

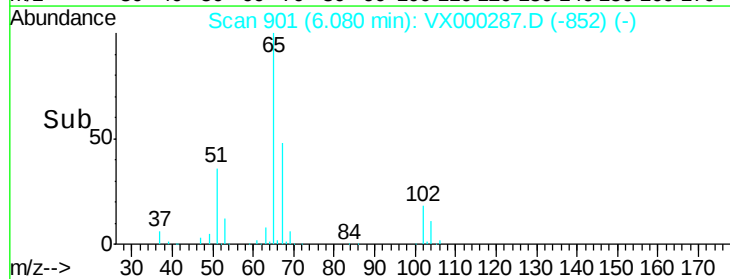
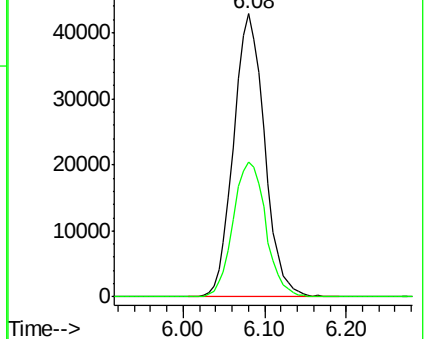
65 100

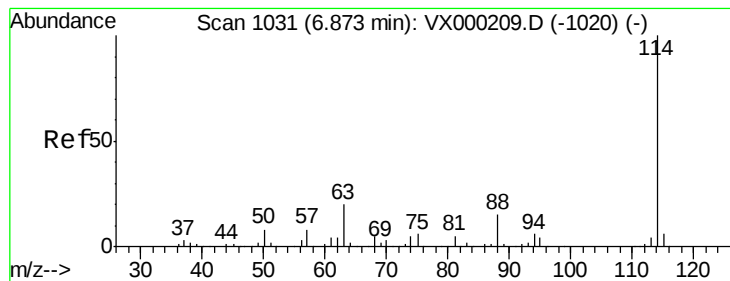
67 50.2 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000287.D

Acq: 12 Mar 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

T-4

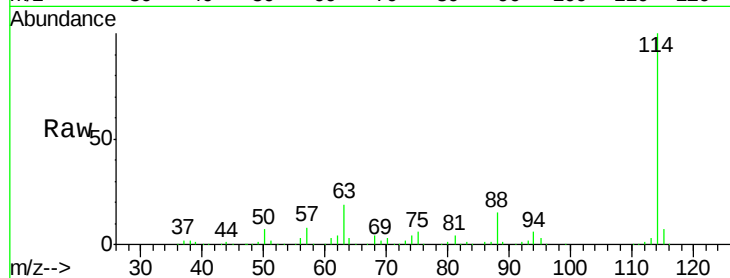
Tot Ion:114 Resp: 298093

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

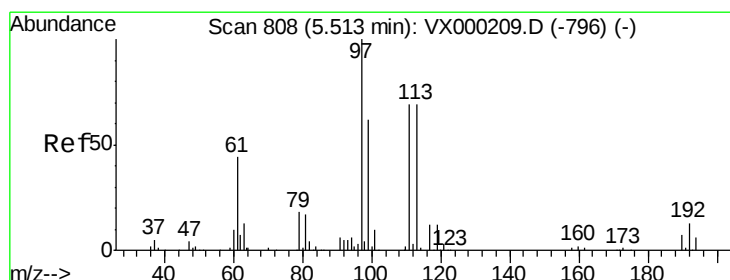
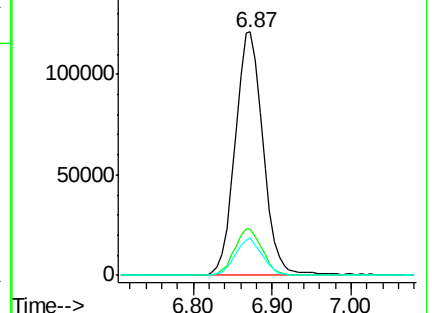
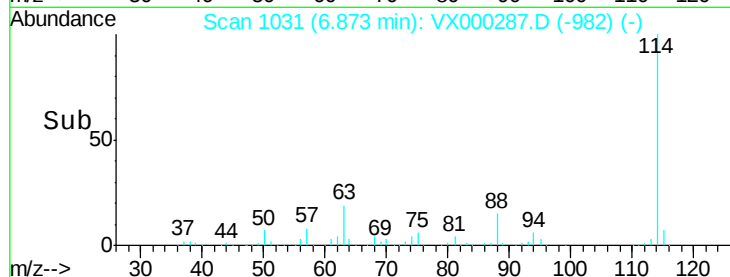
88 15.3 0.0 29.8



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: 45.73 ug/l

RT: 5.53 min Scan# 810

Delta R.T. 0.01 min

Lab File: VX000287.D

Acq: 12 Mar 2018 20:19

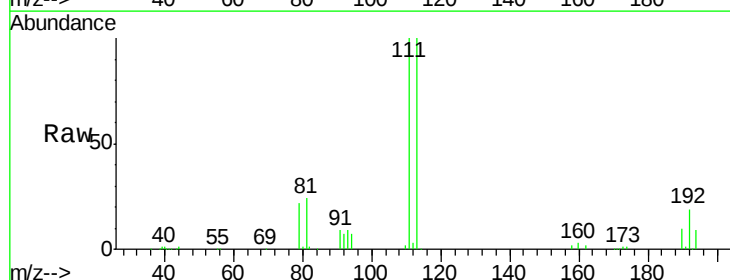
Tgt Ion:113 Resp: 85629

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

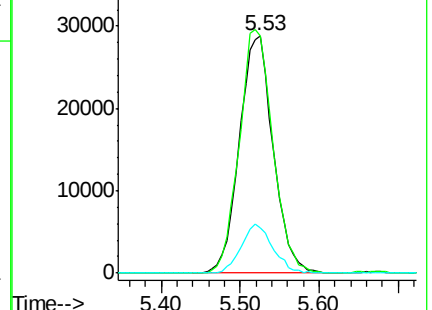
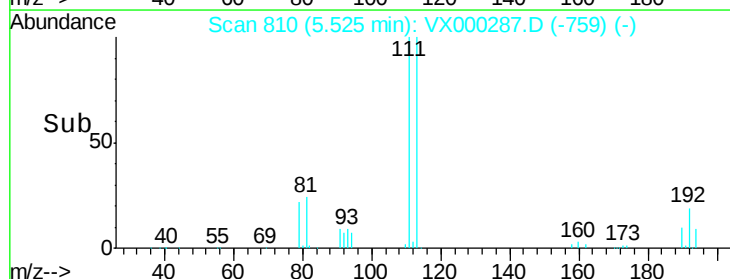
192 19.4 15.5 23.3

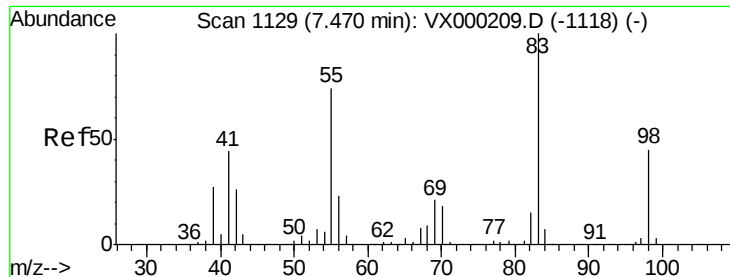


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

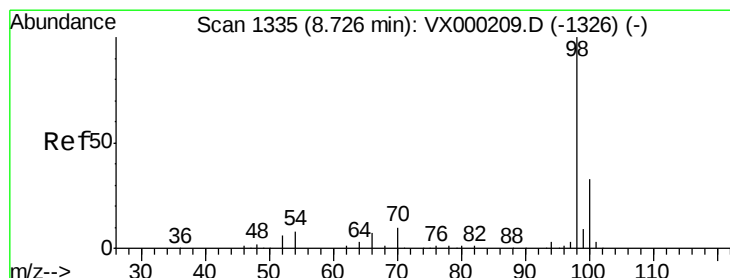
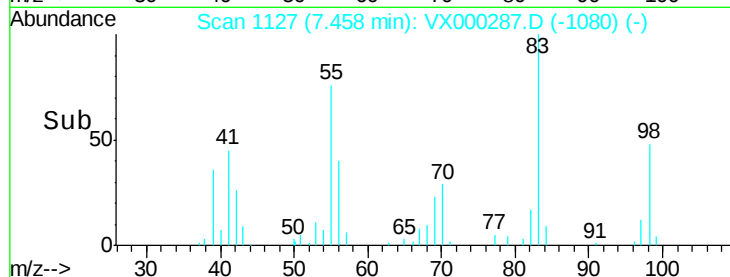
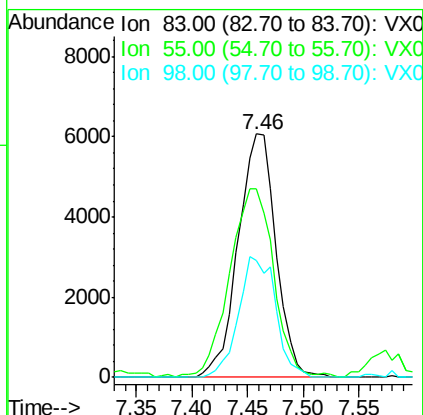
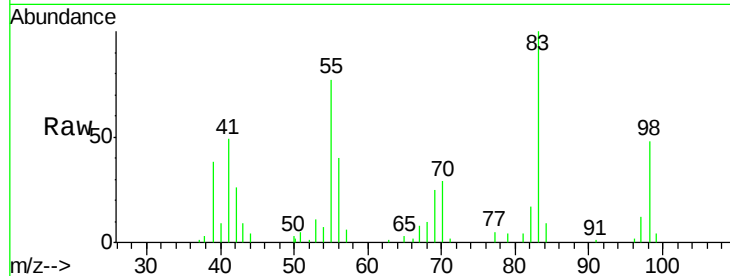




#39
Methvlcvclohexane
Concen: 4.41 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX000287.D
Acq: 12 Mar 2018 20:19

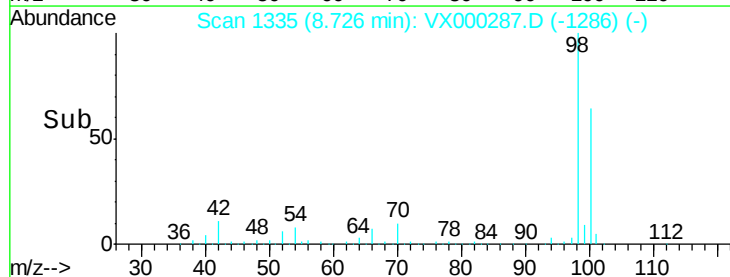
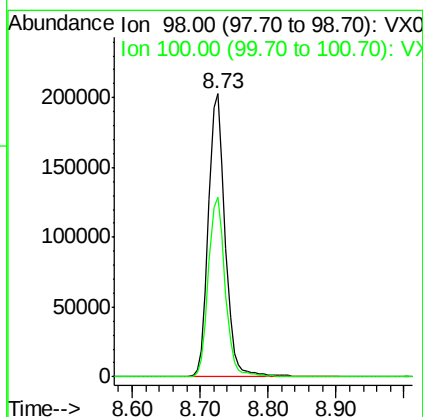
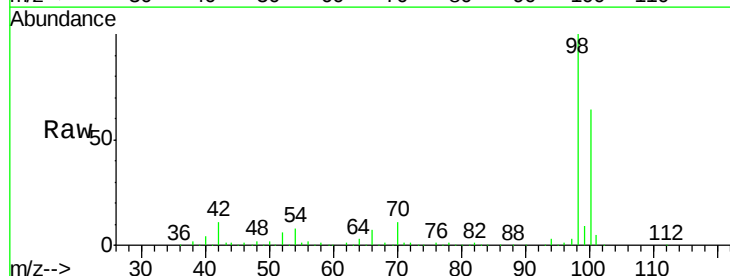
Instrument :
MSVOA_X
ClientSampled :
T-4

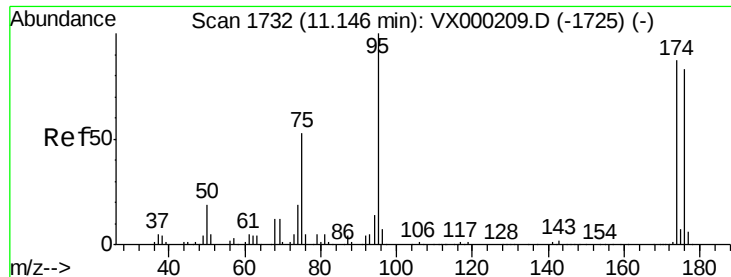
Tot Ion: 83 Resp: 14346
Ion Ratio Lower Upper
83 100
55 77.3 59.4 89.0
98 47.8 36.3 54.5



#50
Toluene-d8
Concen: 44.57 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000287.D
Acq: 12 Mar 2018 20:19

Tgt Ion: 98 Resp: 345690
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8

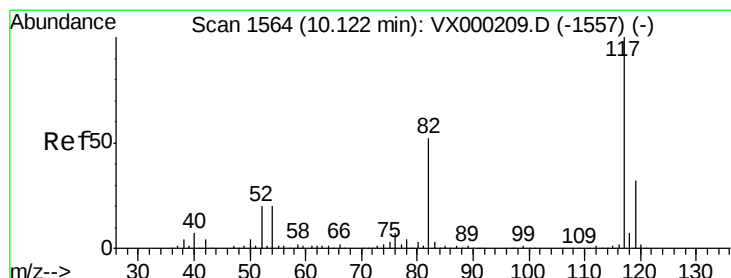
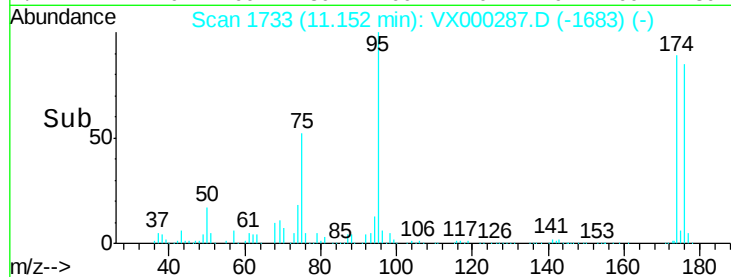
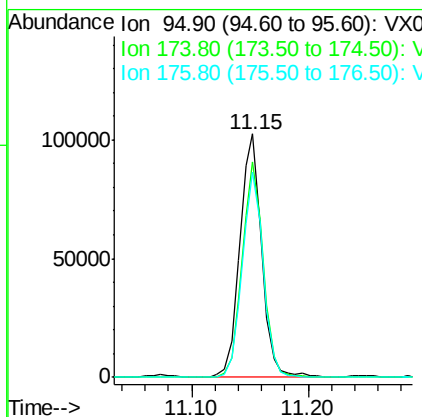
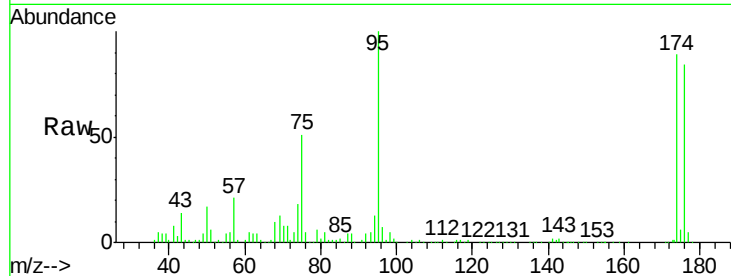




#62
4-Bromofluorobenzene
Concen: 43.99 ug/l
RT: 11.15 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VX000287.D
Acq: 12 Mar 2018 20:19

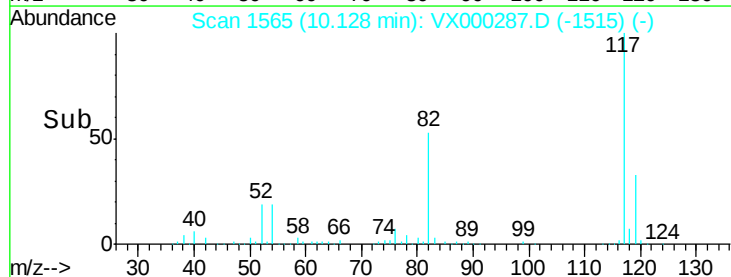
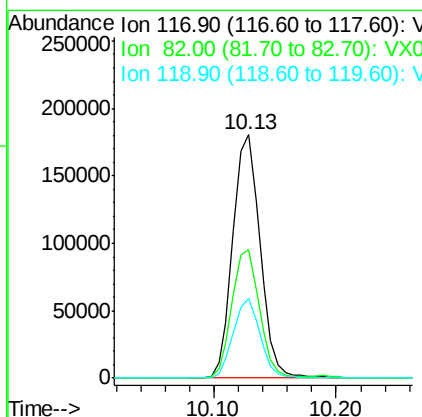
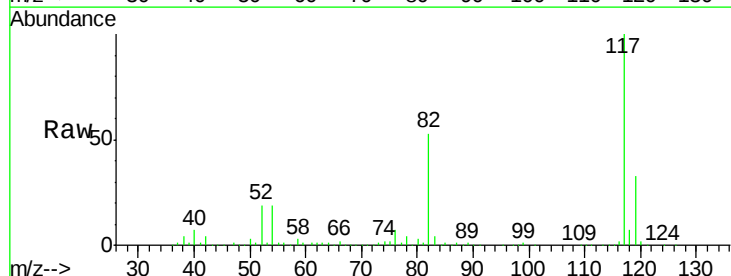
Instrument :
MSVOA_X
ClientSampled :
T-4

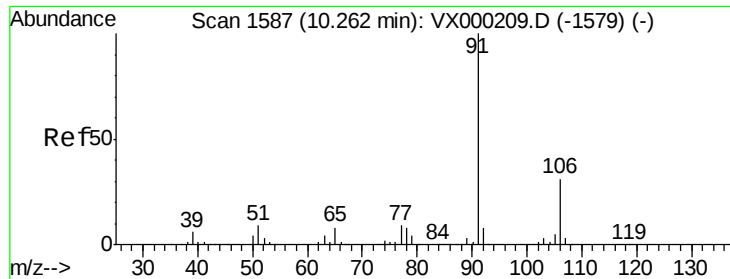
Tot Ion: 95 Resp: 133166
Ion Ratio Lower Upper
95 100
174 86.0 0.0 175.6
176 82.0 0.0 171.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.13 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VX000287.D
Acq: 12 Mar 2018 20:19

Tgt Ion: 117 Resp: 278953
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 32.7 25.3 37.9

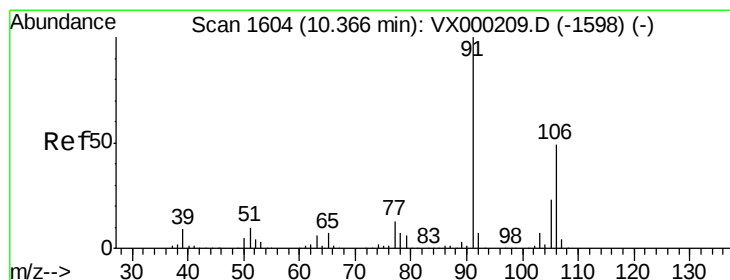
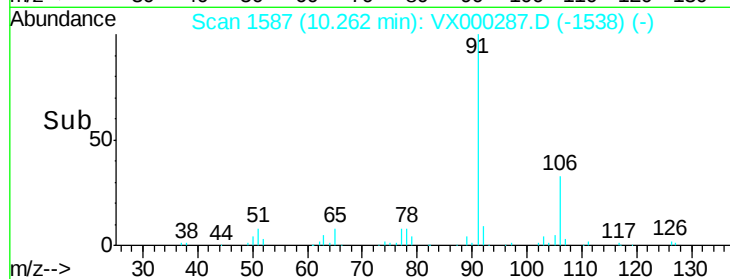
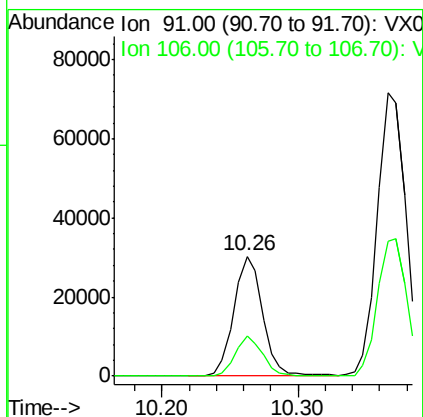
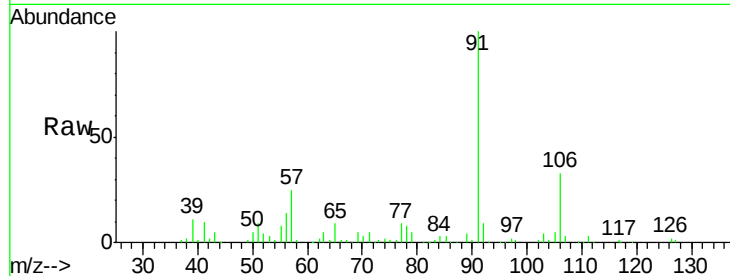




#67
Ethyl Benzene
Concen: 4.57 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000287.D
Acq: 12 Mar 2018 20:19

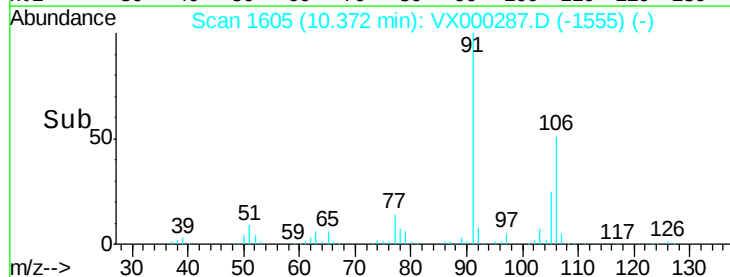
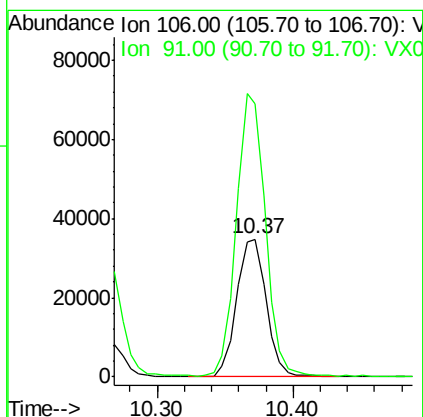
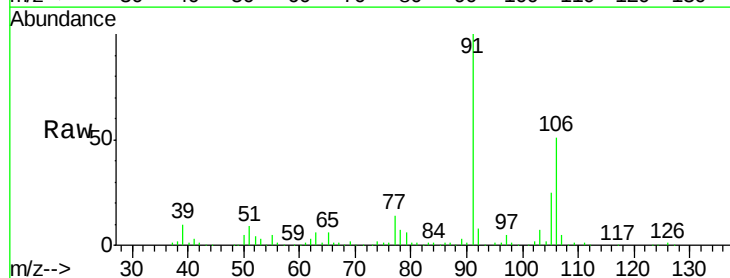
Instrument :
MSVOA_X
ClientSampled :
T-4

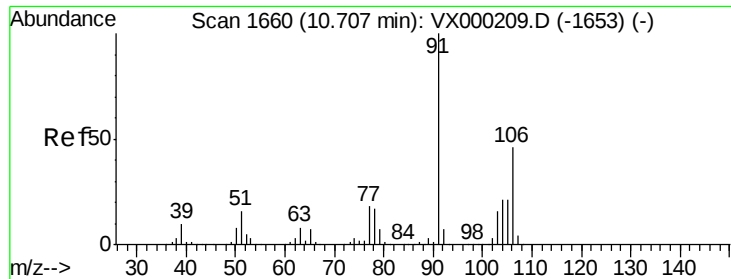
Tot Ion: 91 Resp: 44957
Ion Ratio Lower Upper
91 100
106 33.3 25.2 37.8



#68
m/p-Xylenes
Concen: 14.02 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000287.D
Acq: 12 Mar 2018 20:19

Tgt Ion: 106 Resp: 53041
Ion Ratio Lower Upper
106 100
91 200.7 160.9 241.3

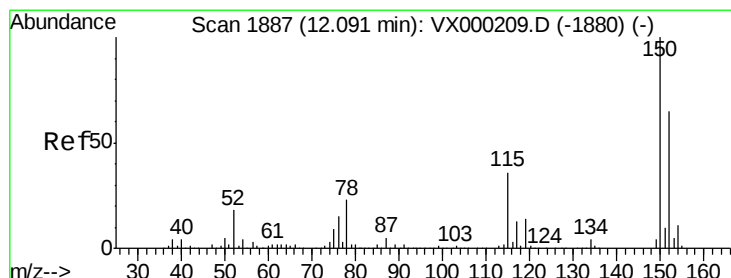
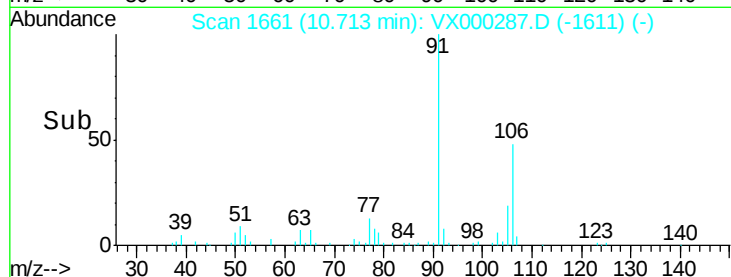
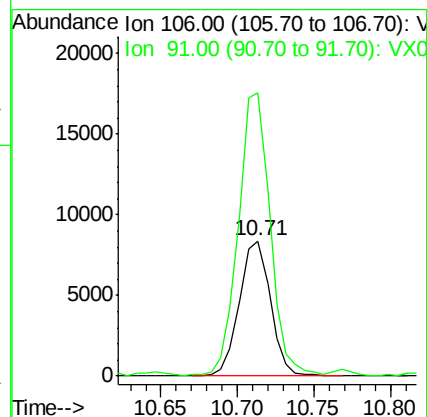
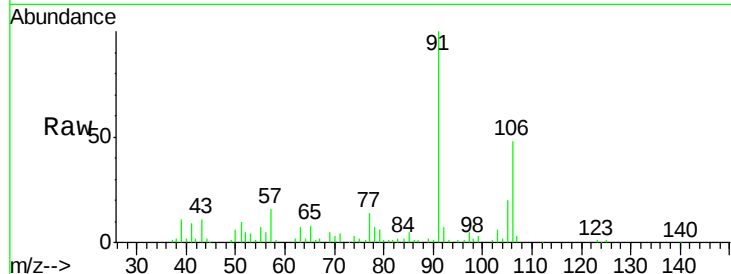




#69
o-Xylene
Concen: 3.27 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX000287.D
Acq: 12 Mar 2018 20:19

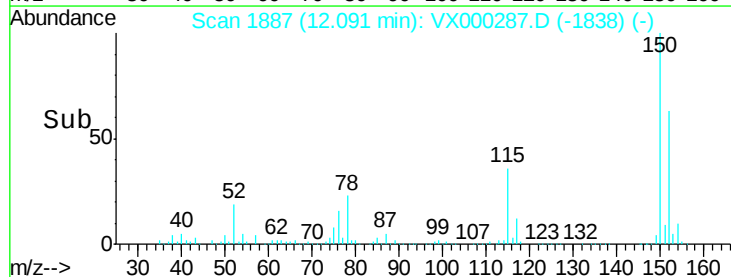
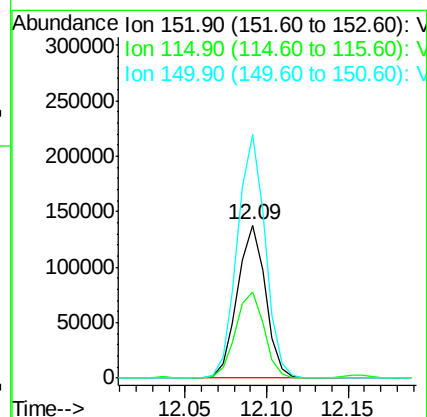
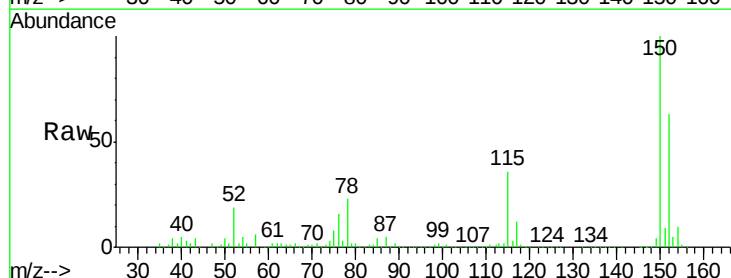
Instrument :
MSVOA_X
ClientSampleId :
T-4

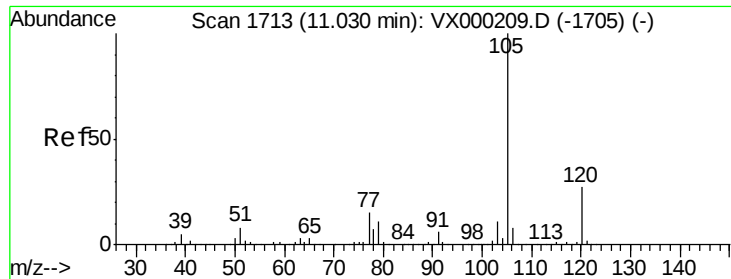
Tot Ion:106 Resp: 11899
Ion Ratio Lower Upper
106 100
91 213.7 105.9 317.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VX000287.D
Acq: 12 Mar 2018 20:19

Tgt Ion:152 Resp: 164865
Ion Ratio Lower Upper
152 100
115 57.6 39.8 119.3
150 158.7 0.0 345.0





#73

Isopropylbenzene

Concen: 1.68 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VX000287.D

Acq: 12 Mar 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

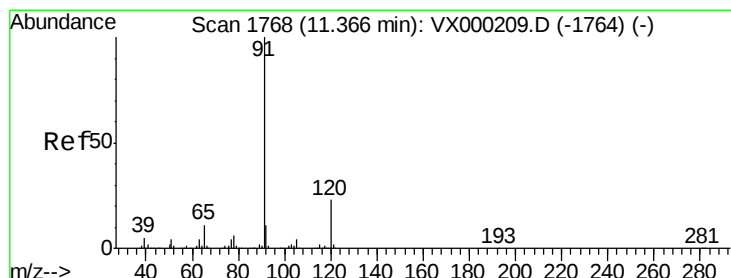
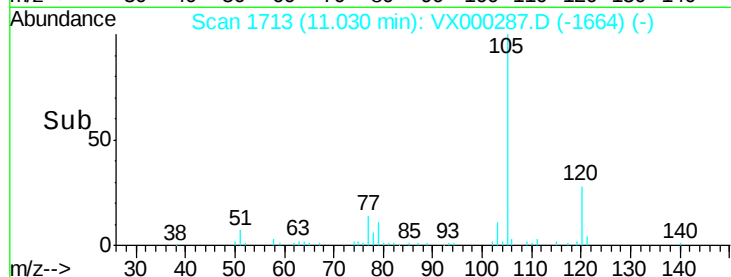
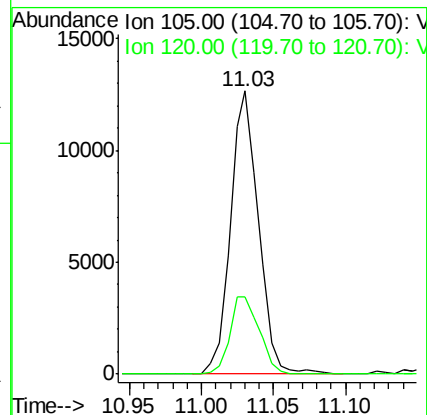
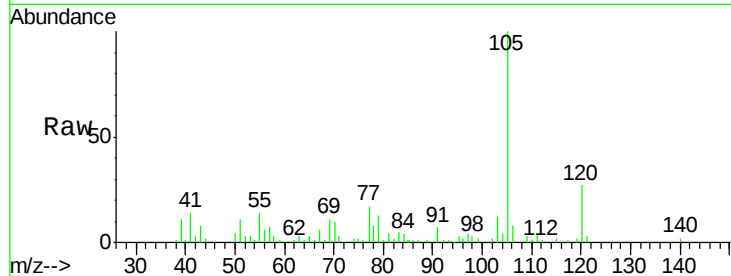
T-4

Tot Ion:105 Resp: 17294

Ion Ratio Lower Upper

105 100

120 28.7 13.5 40.4



#78

n-propylbenzene

Concen: 5.89 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000287.D

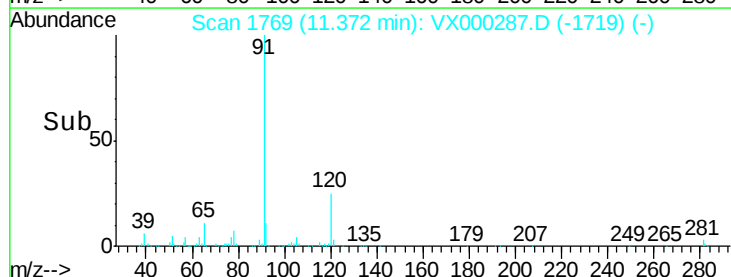
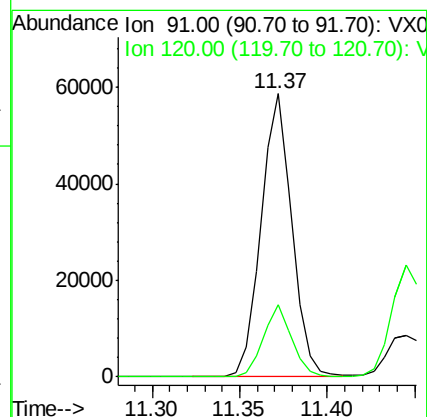
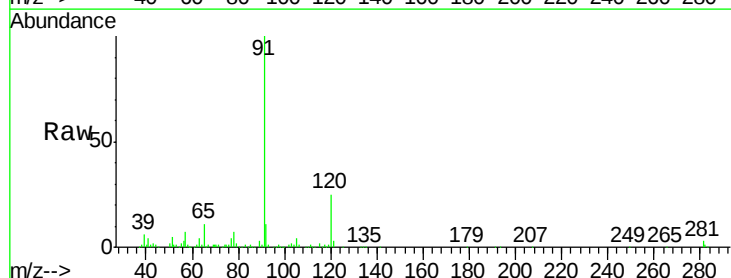
Acq: 12 Mar 2018 20:19

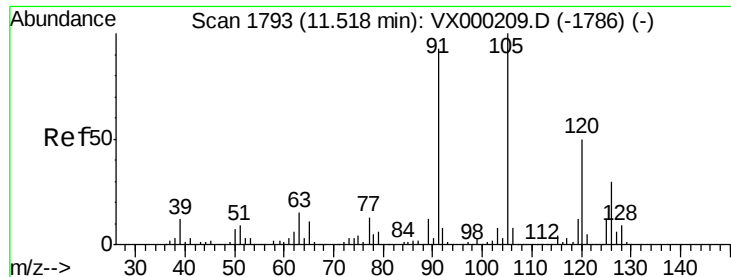
Tgt Ion: 91 Resp: 71528

Ion Ratio Lower Upper

91 100

120 23.7 12.2 36.4





#80

1,3,5-Trimethylbenzene

Concen: 10.29 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000287.D

Acq: 12 Mar 2018 20:19

Instrument :

MSVOA_X

ClientSampled :

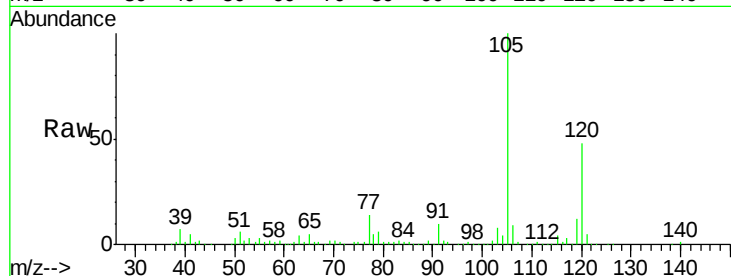
T-4

Tot Ion:105 Resp: 88698

Ion Ratio Lower Upper

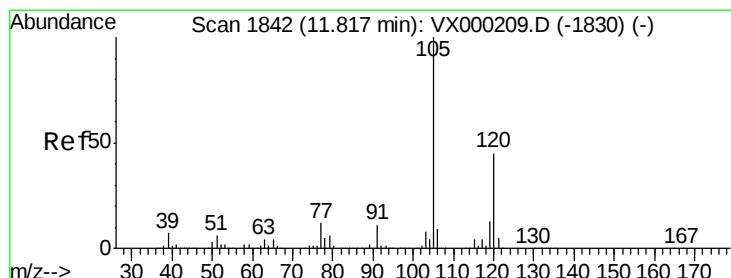
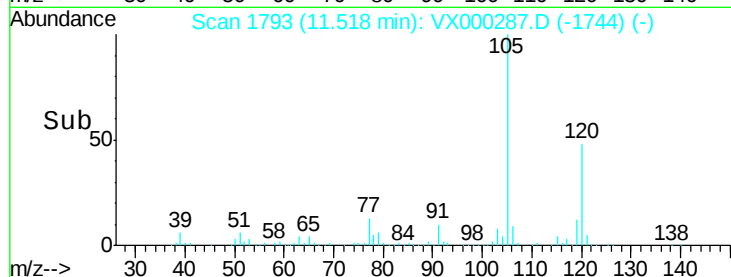
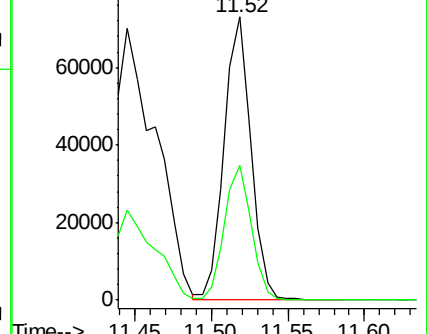
105 100

120 48.0 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: 20.65 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000287.D

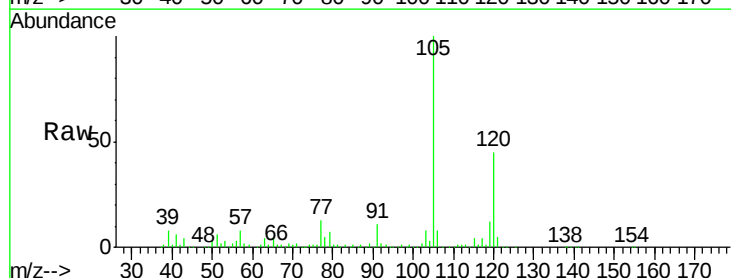
Acq: 12 Mar 2018 20:19

Tgt Ion:105 Resp: 182969

Ion Ratio Lower Upper

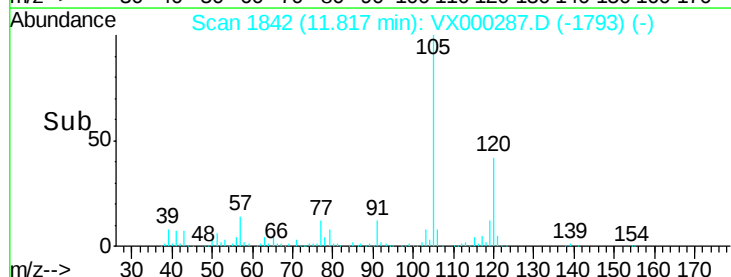
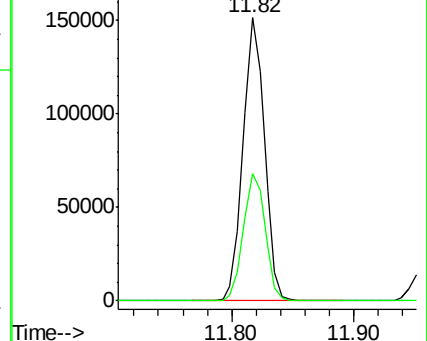
105 100

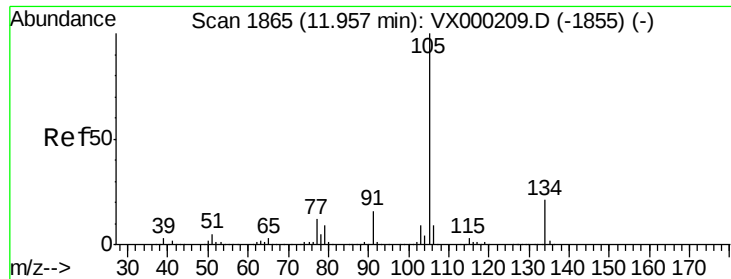
120 45.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

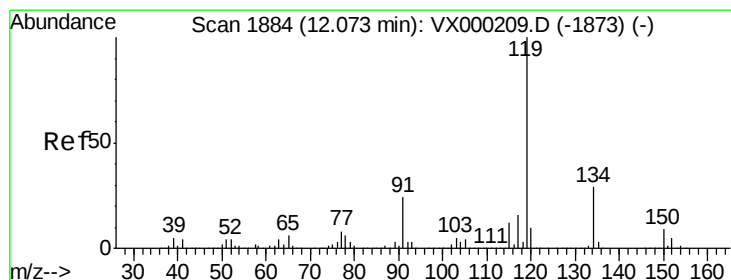
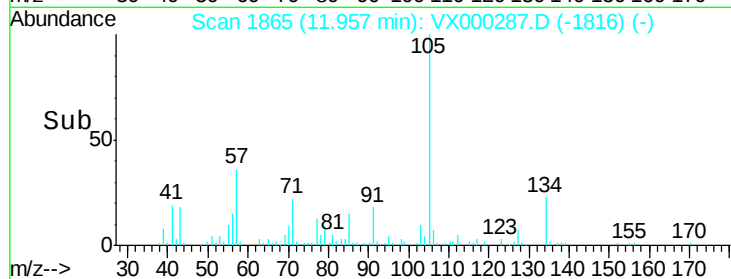
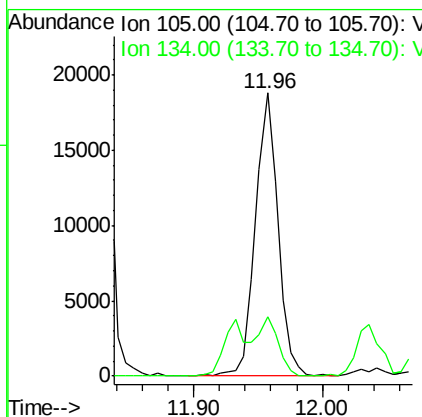
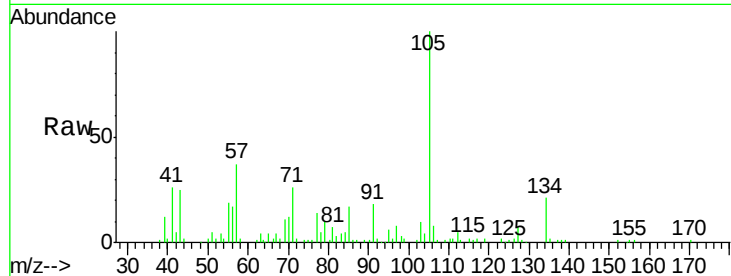




#85
 sec-Butylbenzene
 Concen: 2.13 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000287.D
 Acq: 12 Mar 2018 20:19

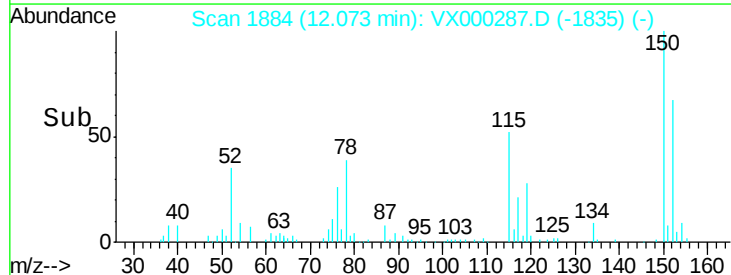
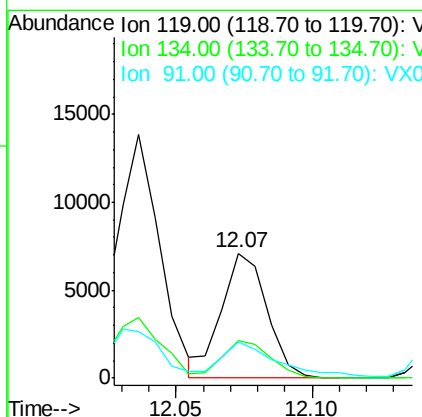
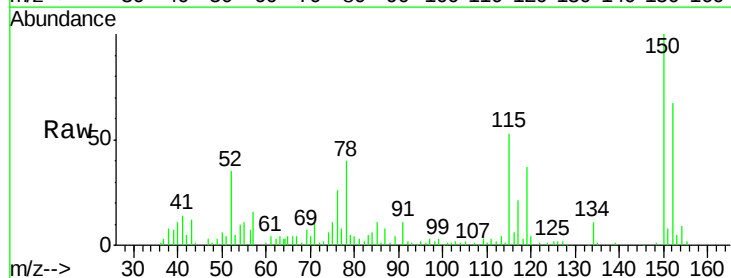
Instrument :
 MSVOA_X
 ClientSampled :
 T-4

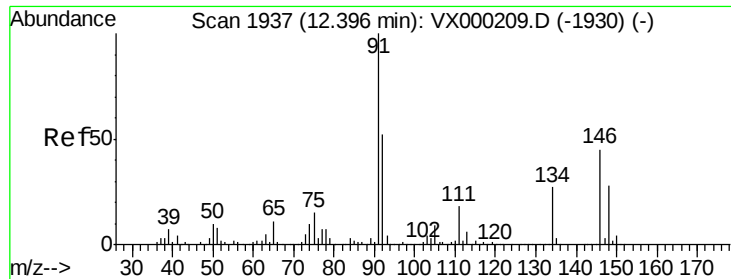
Tot Ion:105 Resp: 22584
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 0.88 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000287.D
 Acq: 12 Mar 2018 20:19

Tgt Ion:119 Resp: 8236
 Ion Ratio Lower Upper
 119 100
 134 32.0 13.8 41.3
 91 31.5 12.0 36.0





#89

n-Butylbenzene

Concen: 7.23 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000287.D

Acq: 12 Mar 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

T-4

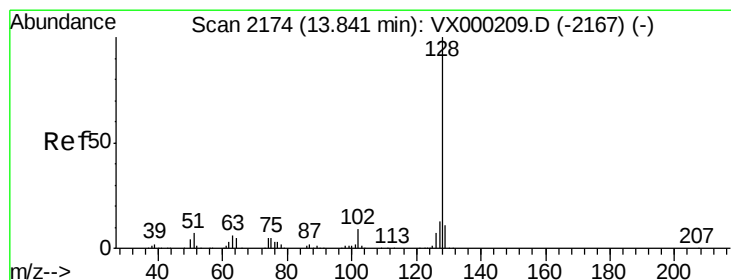
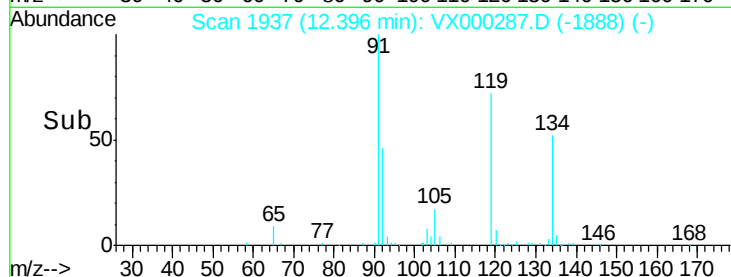
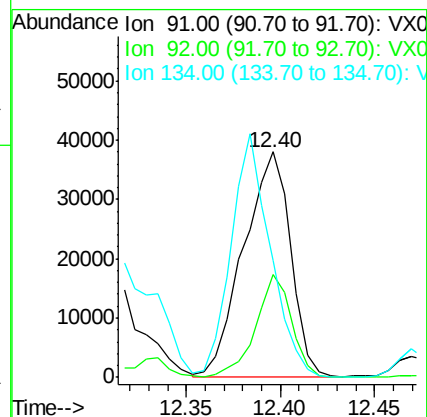
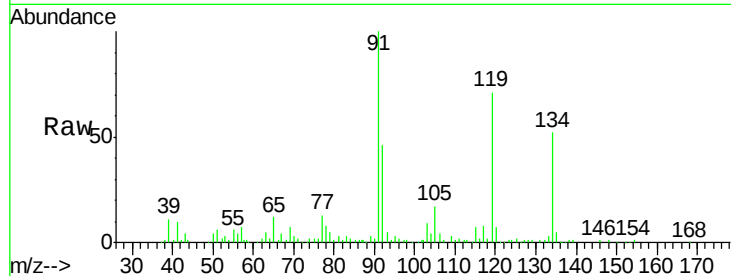
Tot Ion: 91 Resp: 65163

Ion Ratio Lower Upper

91 100

92 34.9 25.8 77.4

134 91.4 13.5 40.5#



#95

Naphthalene

Concen: 6.22 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000287.D

Acq: 12 Mar 2018 20:19

Tgt Ion:128 Resp: 79294

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 14.0 8.6 13.0#

