

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000286.D
 Acq On : 12 Mar 2018 19:53
 Operator : JC/MD
 Sample : J1727-02
 Misc : 5.27g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-2

Quant Time: Mar 13 10:28:00 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	181227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	301572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.13	117	277158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148938	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	118473	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
35) Dibromofluoromethane	5.52	113	89736	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
50) Toluene-d8	8.73	98	357676	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
62) 4-Bromofluorobenzene	11.15	95	127694	41.70	ug/l	0.00
Spiked Amount			Recovery	=	83.40%	

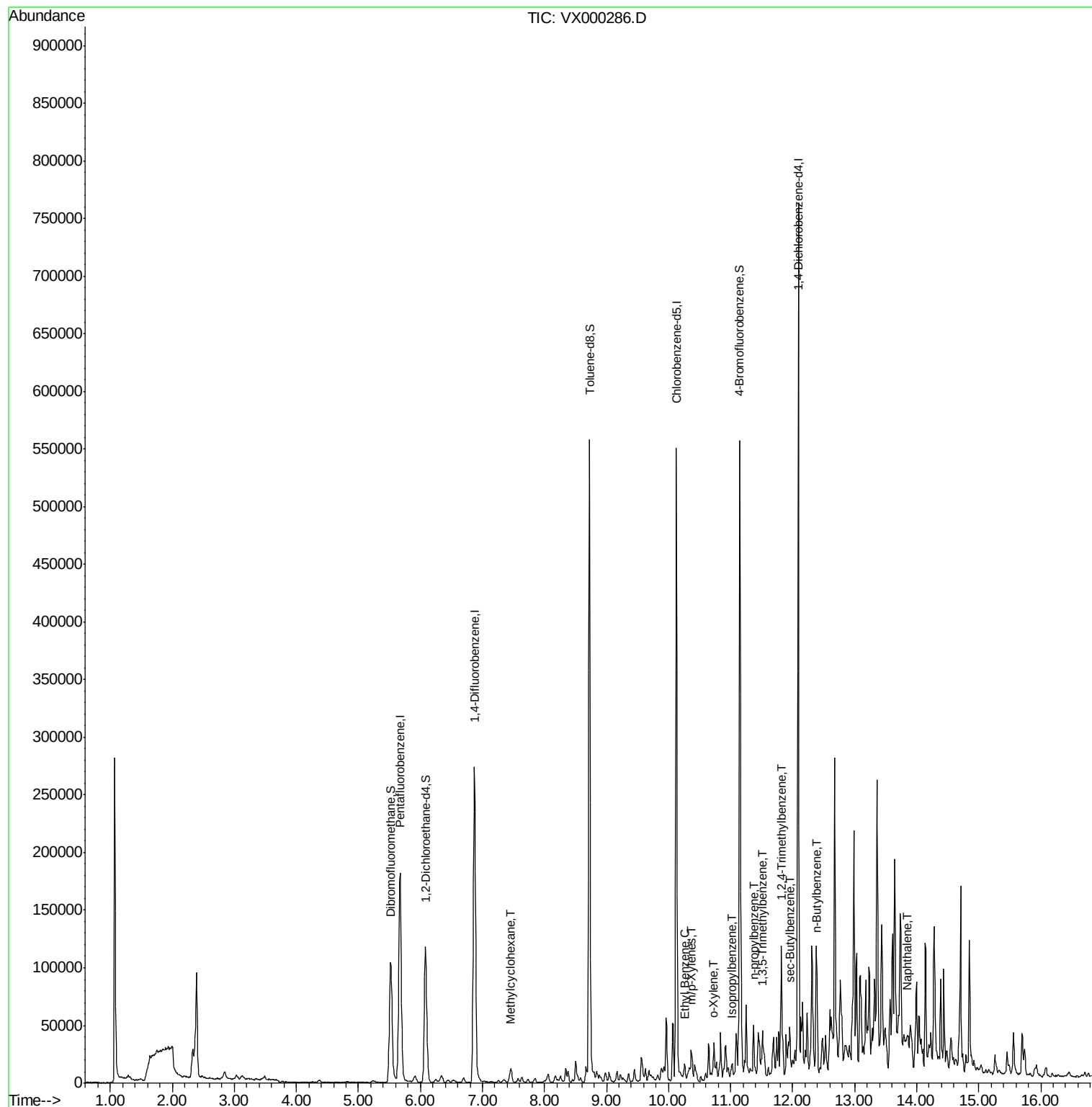
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	5400	1.64	ug/l	92
67) Ethyl Benzene	10.26	91	5560	0.57	ug/l	99
68) m/p-Xylenes	10.37	106	4814	1.28	ug/l	86
69) o-Xylene	10.71	106	1553	0.43	ug/l	97
73) Isopropylbenzene	11.02	105	4905	0.53	ug/l	96
78) n-propylbenzene	11.37	91	26000	2.37	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	15440	1.98	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	40985	5.12	ug/l	99
85) sec-Butylbenzene	11.96	105	11278	1.18	ug/l	95
89) n-Butylbenzene	12.40	91	27307	3.36	ug/l #	58
95) Naphthalene	13.85	128	14830	1.29	ug/l #	77

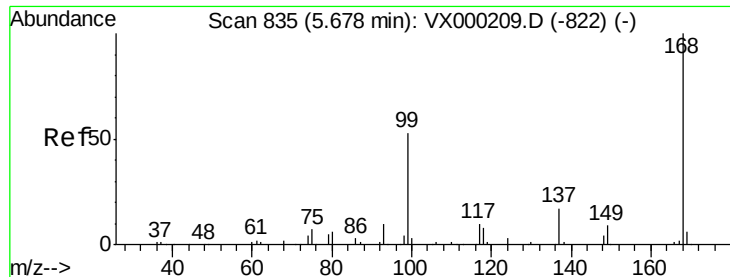
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000286.D

Acq: 12 Mar 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

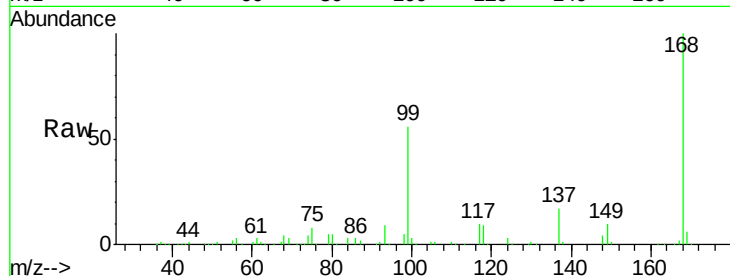
T-2

Tot Ion:168 Resp: 181227

Ion Ratio Lower Upper

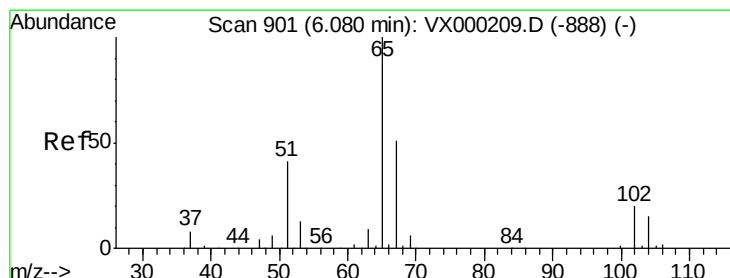
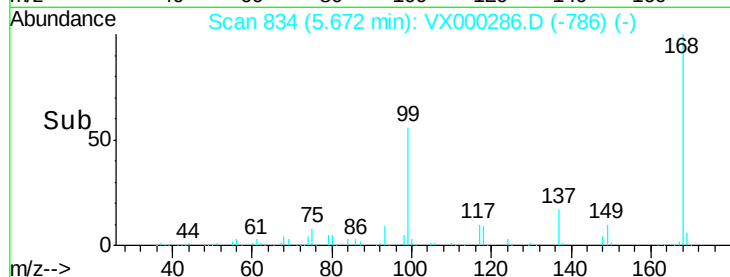
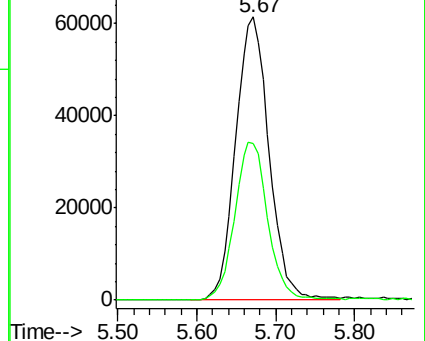
168 100

99 55.6 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: 47.16 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000286.D

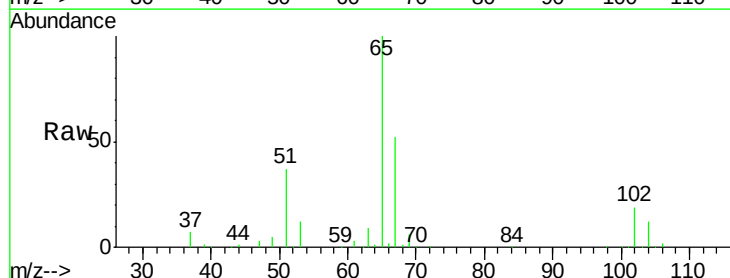
Acq: 12 Mar 2018 19:53

Tgt Ion: 65 Resp: 118473

Ion Ratio Lower Upper

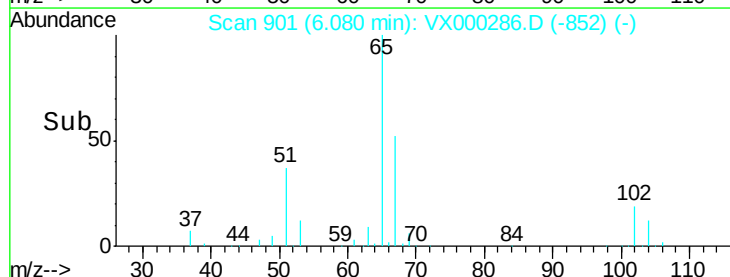
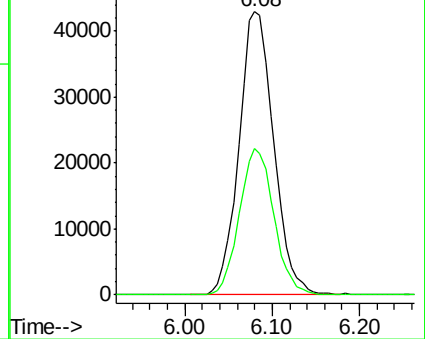
65 100

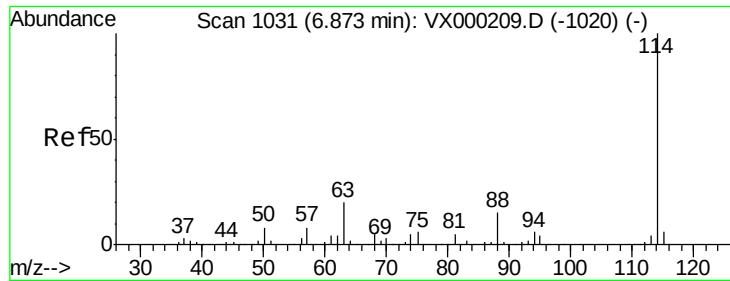
67 51.5 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

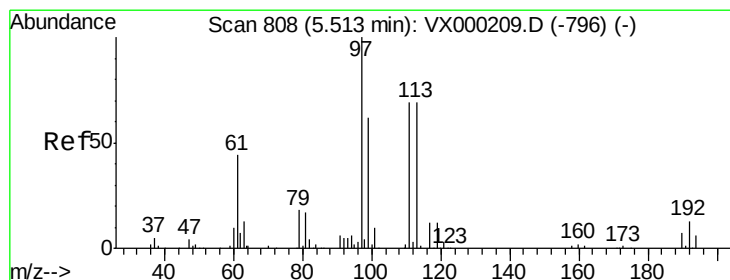
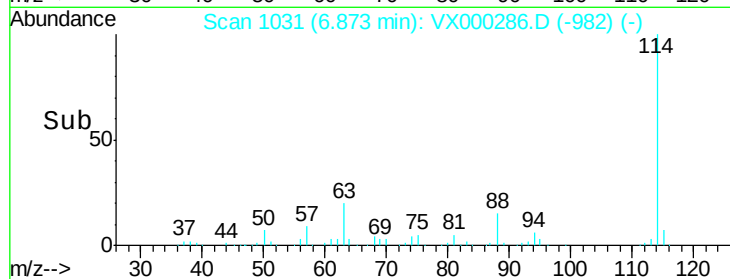
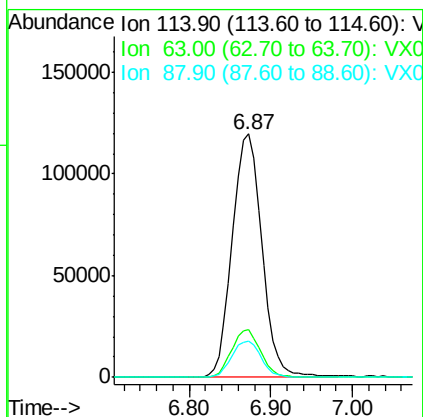
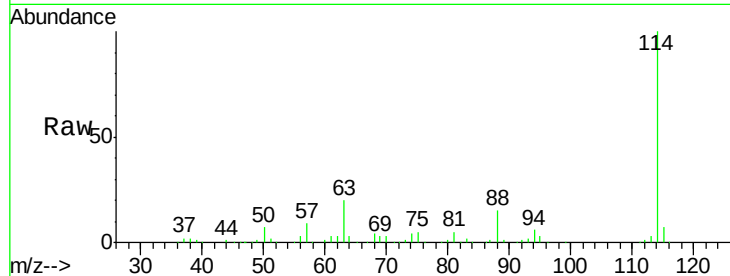




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000286.D
 Acq: 12 Mar 2018 19:53

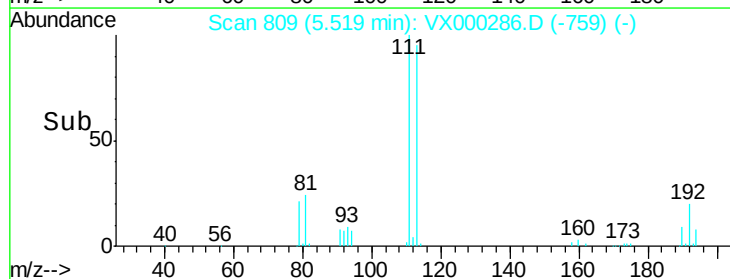
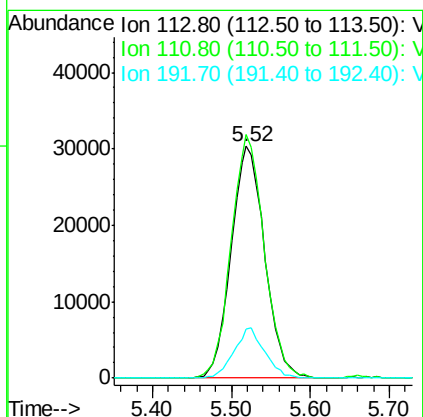
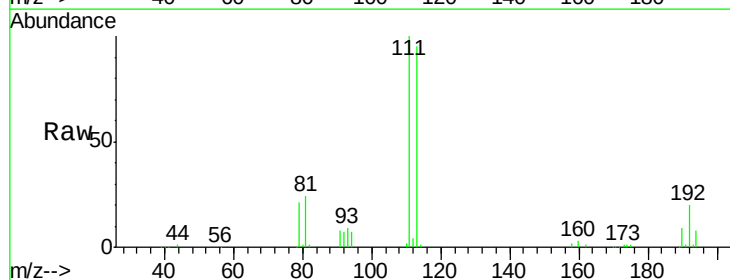
Instrument :
 MSVOA_X
 ClientSampleId :
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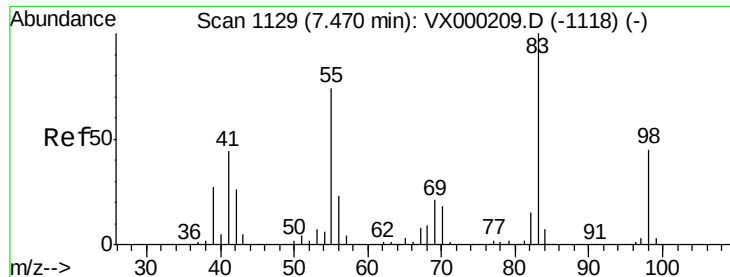
Tot Ion:114 Resp: 301572
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 14.8 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 47.37 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000286.D
 Acq: 12 Mar 2018 19:53

Tgt Ion:113 Resp: 89736
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.0 124.6
 192 19.8 15.5 23.3

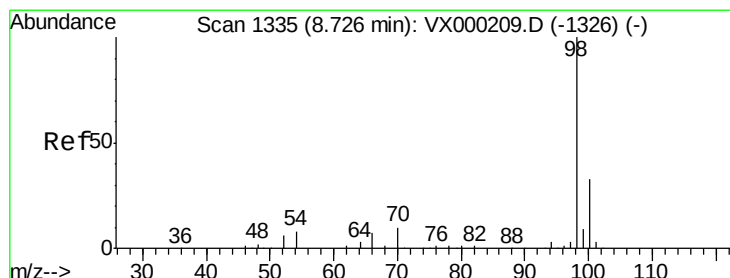
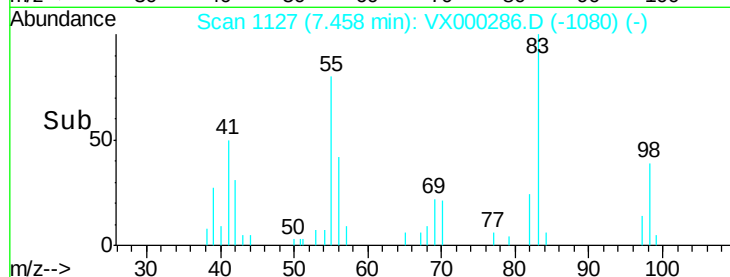
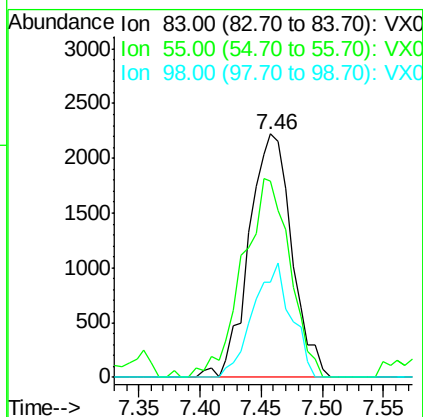
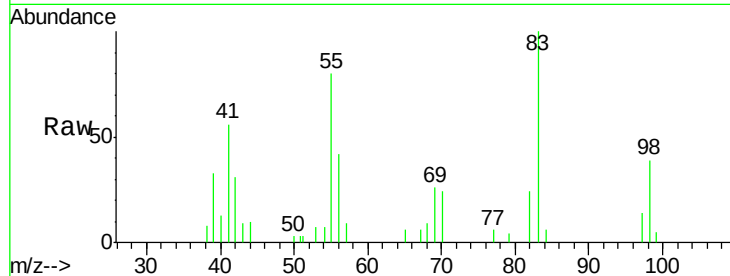




#39
Methvlcvclohexane
Concen: 1.64 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX000286.D
Acq: 12 Mar 2018 19:53

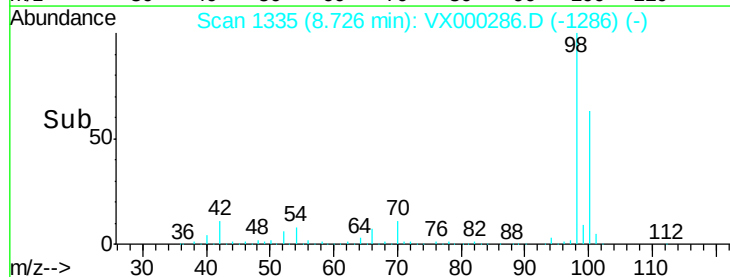
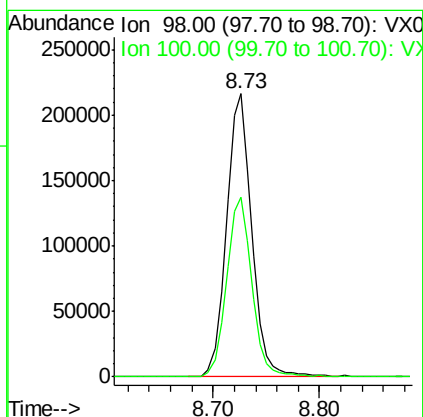
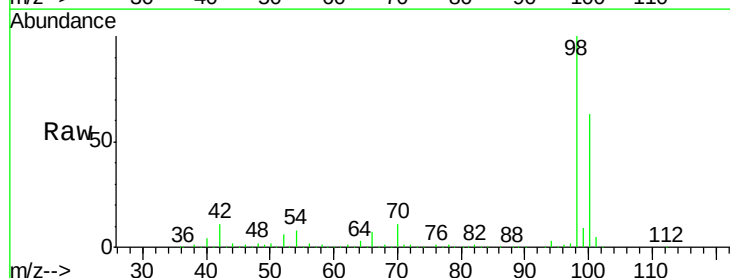
Instrument :
MSVOA_X
ClientSampleId :
T-2

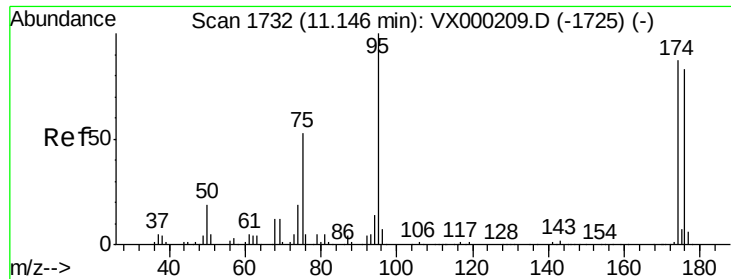
Tot Ion: 83 Resp: 5400
Ion Ratio Lower Upper
83 100
55 80.5 59.4 89.0
98 39.0 36.3 54.5



#50
Toluene-d8
Concen: 45.59 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000286.D
Acq: 12 Mar 2018 19:53

Tgt Ion: 98 Resp: 357676
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8

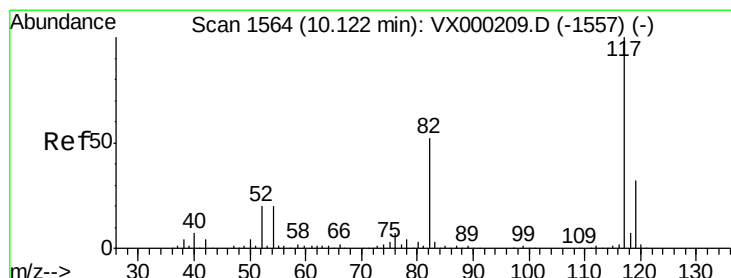
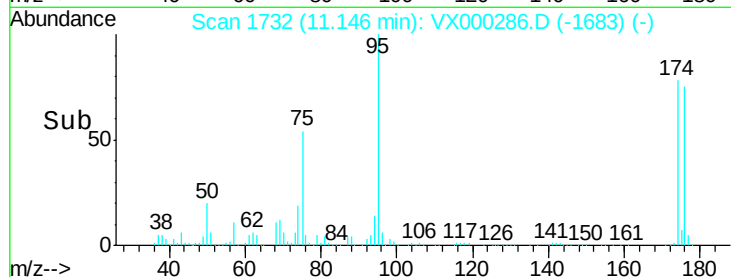
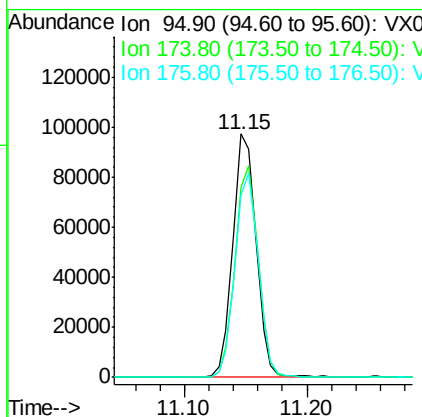
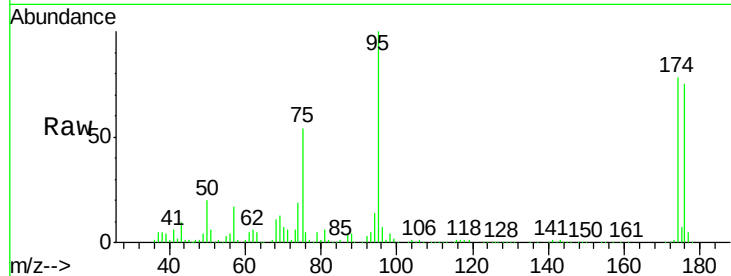




#62
4-Bromofluorobenzene
Concen: 41.70 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000286.D
Acq: 12 Mar 2018 19:53

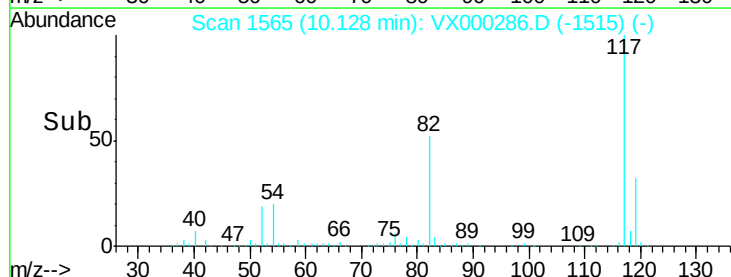
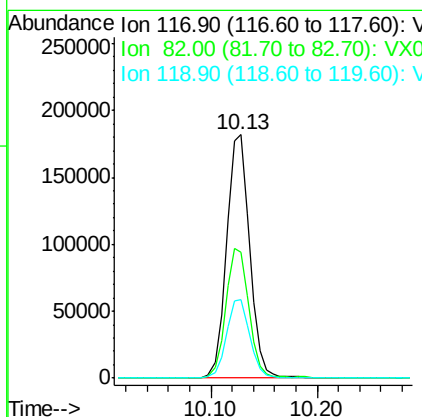
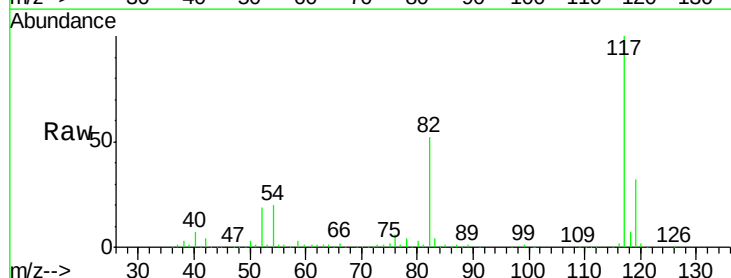
Instrument :
MSVOA_X
ClientSampled :
T-2

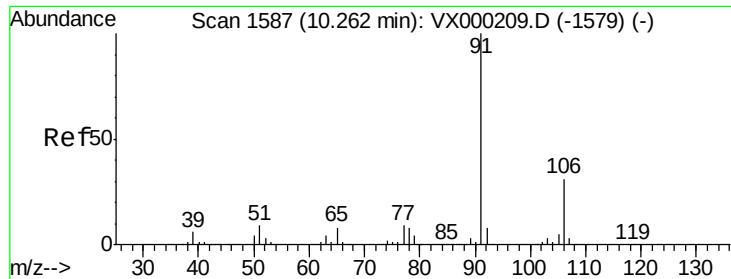
Tot Ion: 95 Resp: 127694
Ion Ratio Lower Upper
95 100
174 86.5 0.0 175.6
176 84.0 0.0 171.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.13 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VX000286.D
Acq: 12 Mar 2018 19:53

Tgt Ion: 117 Resp: 277158
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 32.5 25.3 37.9

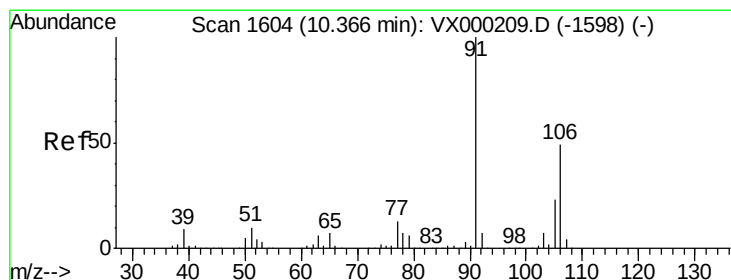
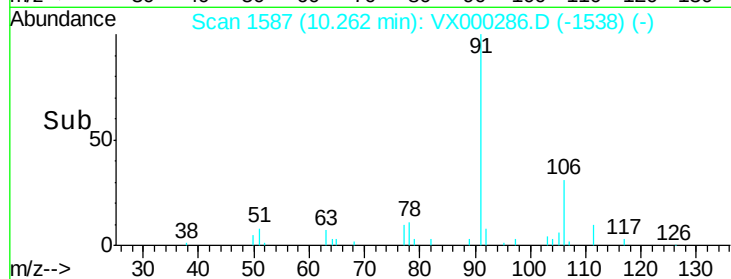
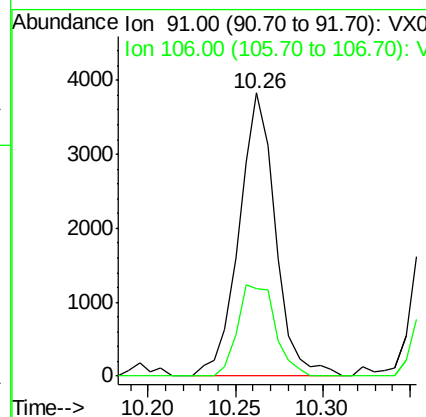
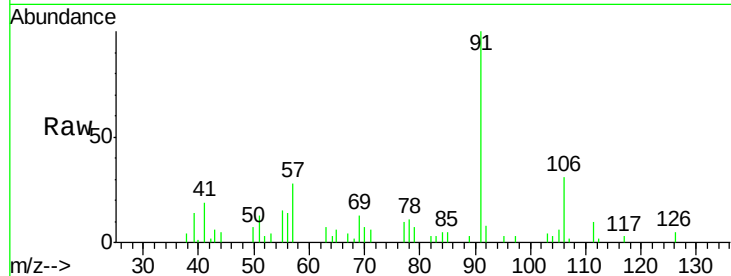




#67
Ethyl Benzene
Concen: 0.57 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000286.D
Acq: 12 Mar 2018 19:53

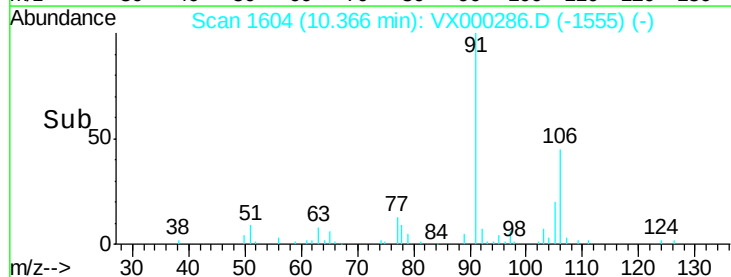
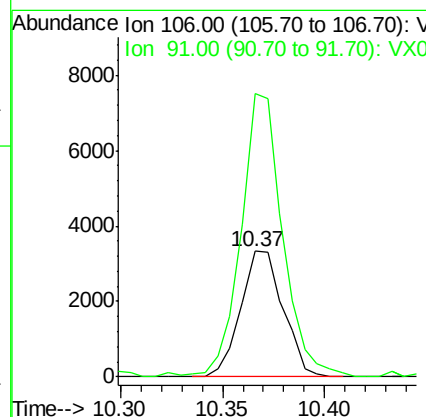
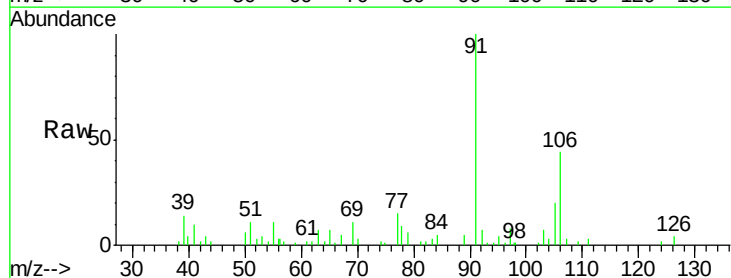
Instrument :
MSVOA_X
ClientSampled :
T-2

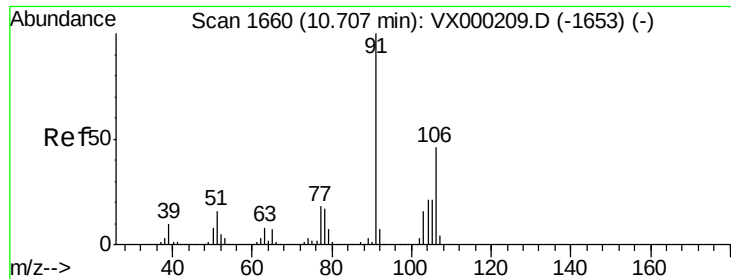
Tot Ion: 91 Resp: 5560
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 1.28 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000286.D
Acq: 12 Mar 2018 19:53

Tgt Ion: 106 Resp: 4814
Ion Ratio Lower Upper
106 100
91 222.0 160.9 241.3

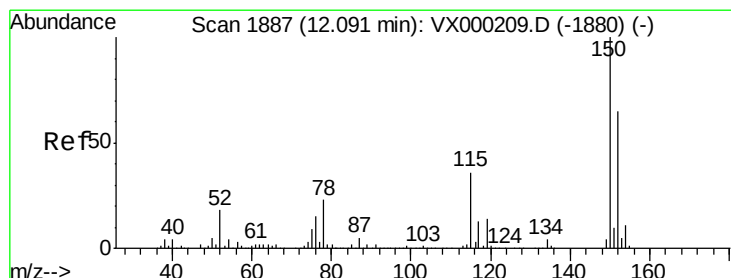
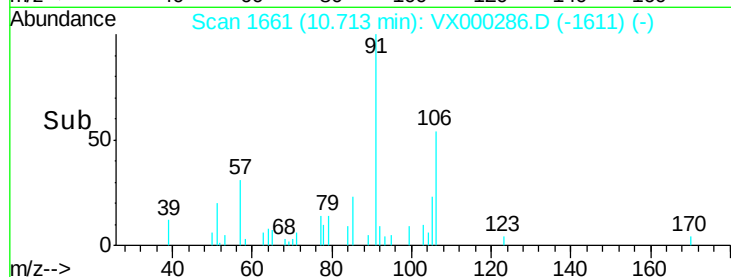
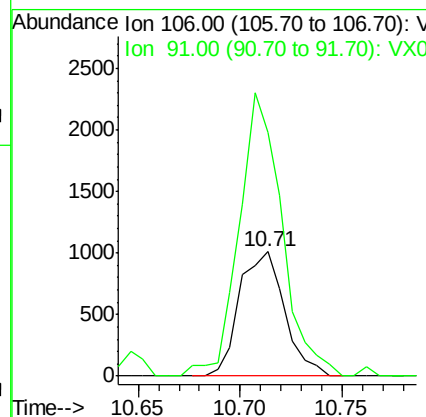
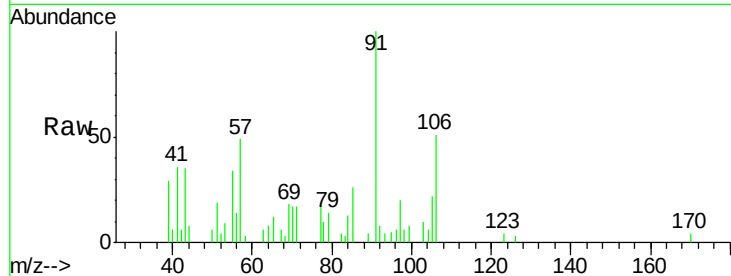




#69
o-Xylene
Concen: 0.43 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX000286.D
Acq: 12 Mar 2018 19:53

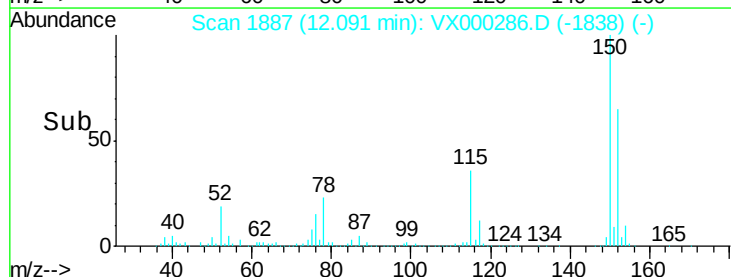
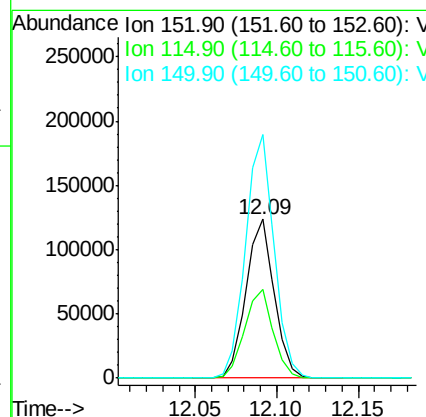
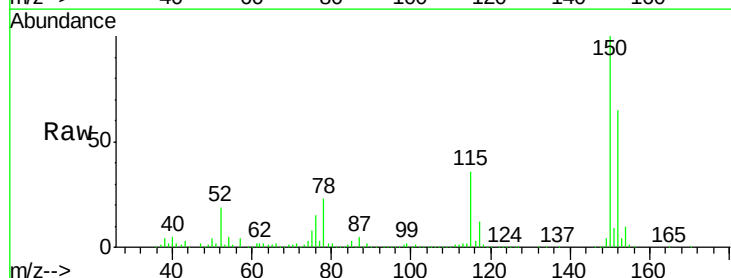
Instrument :
MSVOA_X
ClientSampled :
T-2

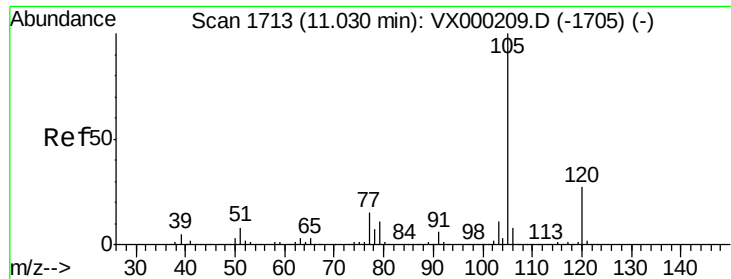
Tot Ion:106 Resp: 1553
Ion Ratio Lower Upper
106 100
91 216.5 105.9 317.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VX000286.D
Acq: 12 Mar 2018 19:53

Tgt Ion:152 Resp: 148938
Ion Ratio Lower Upper
152 100
115 56.2 39.8 119.3
150 154.9 0.0 345.0





#73

Isopropylbenzene

Concen: 0.53 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000286.D

Acq: 12 Mar 2018 19:53

Instrument :

MSVOA_X

ClientSampled :

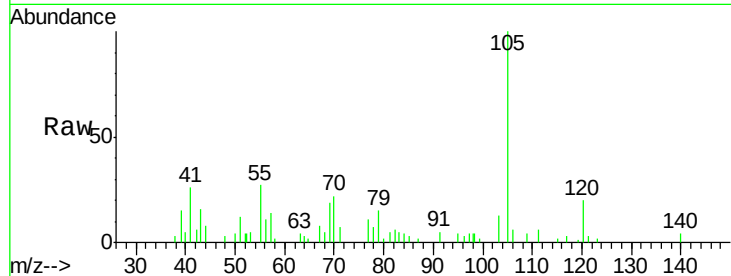
T-2

Tot Ion: 105 Resp: 4905

Ion Ratio Lower Upper

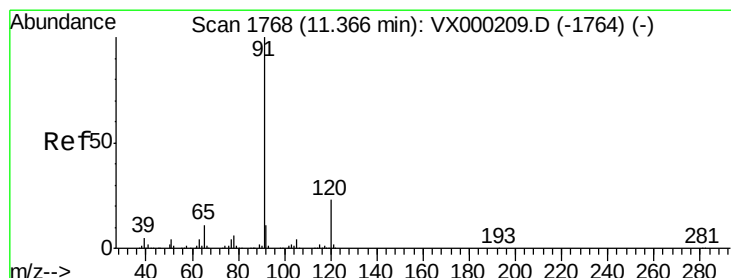
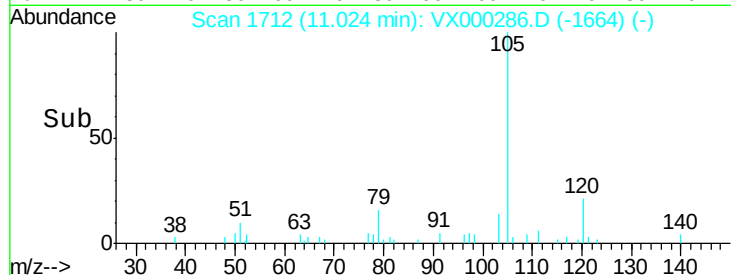
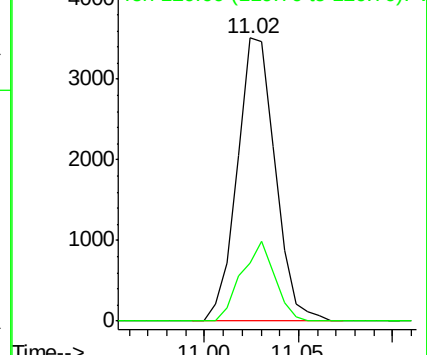
105 100

120 25.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 2.37 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000286.D

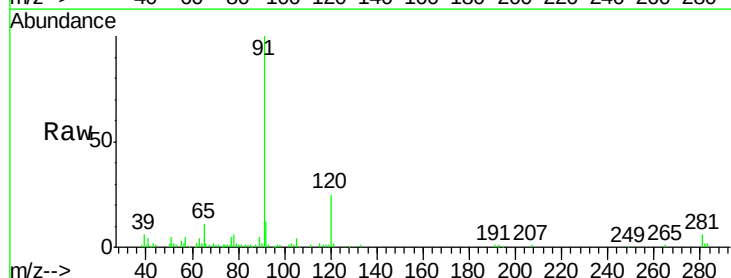
Acq: 12 Mar 2018 19:53

Tgt Ion: 91 Resp: 26000

Ion Ratio Lower Upper

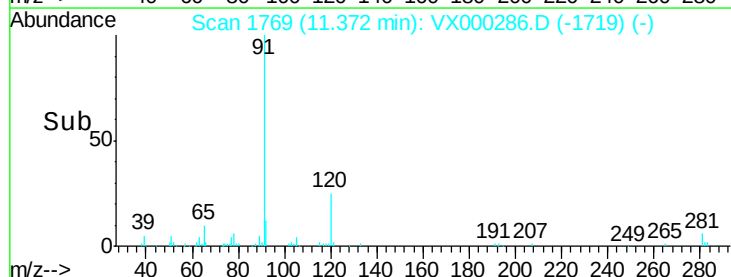
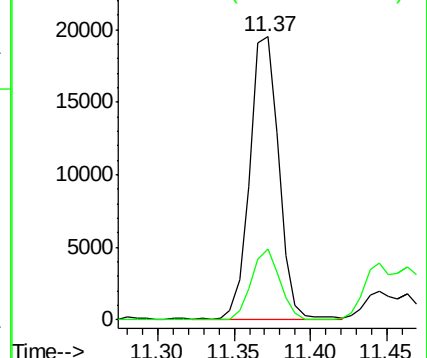
91 100

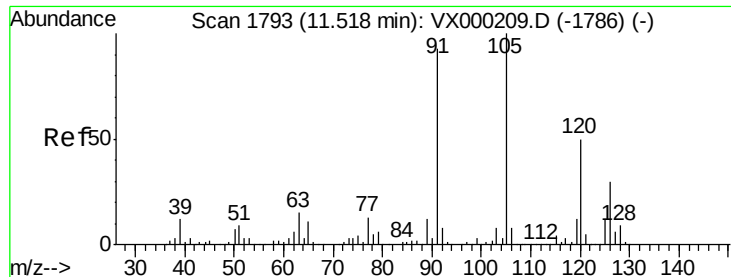
120 24.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.98 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000286.D

Acq: 12 Mar 2018 19:53

Instrument :

MSVOA_X

ClientSampled :

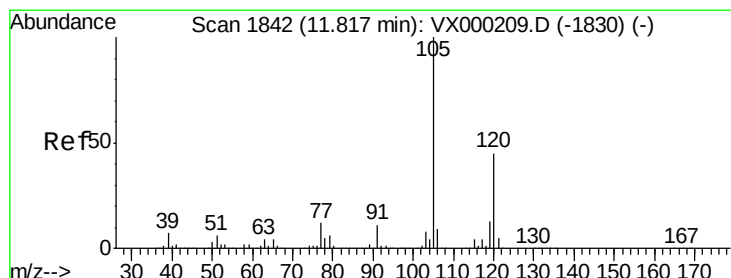
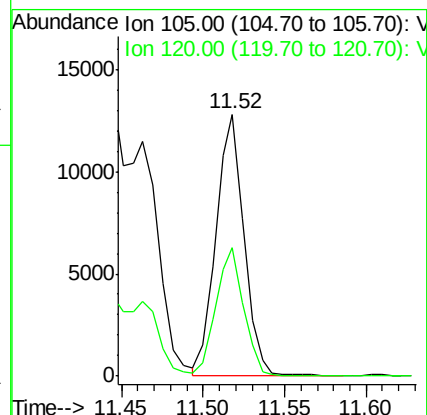
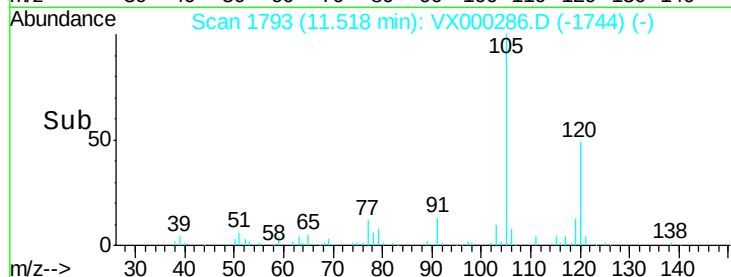
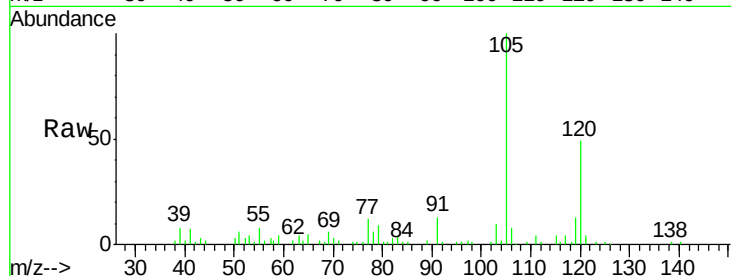
T-2

Tot Ion:105 Resp: 15440

Ion Ratio Lower Upper

105 100

120 48.2 24.9 74.6



#84

1,2,4-Trimethylbenzene

Concen: 5.12 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000286.D

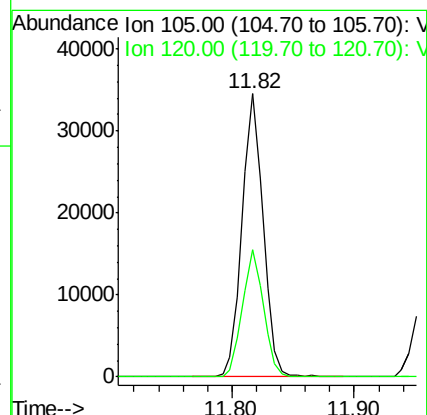
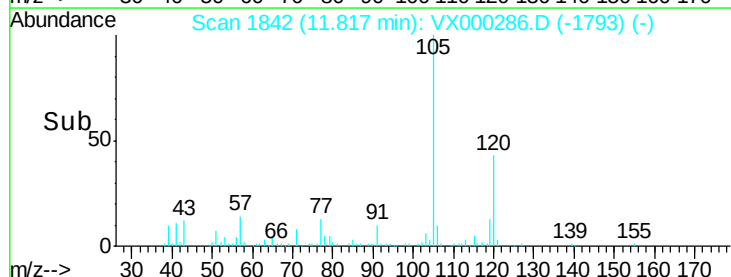
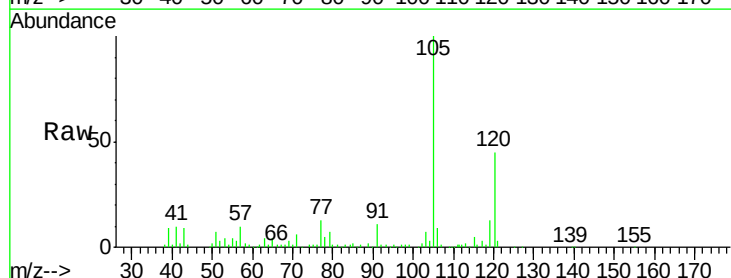
Acq: 12 Mar 2018 19:53

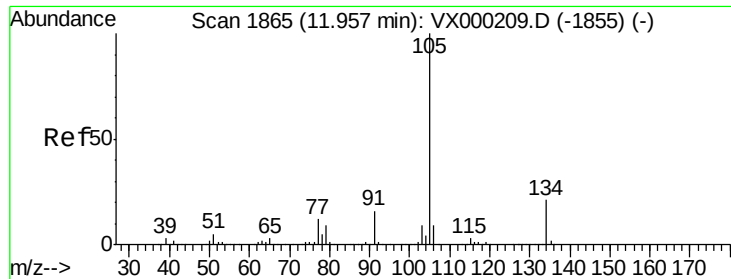
Tgt Ion:105 Resp: 40985

Ion Ratio Lower Upper

105 100

120 45.1 23.0 69.0

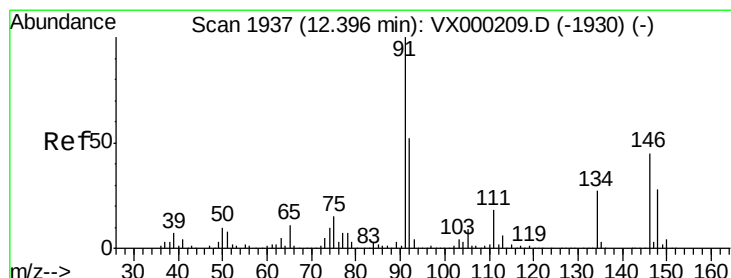
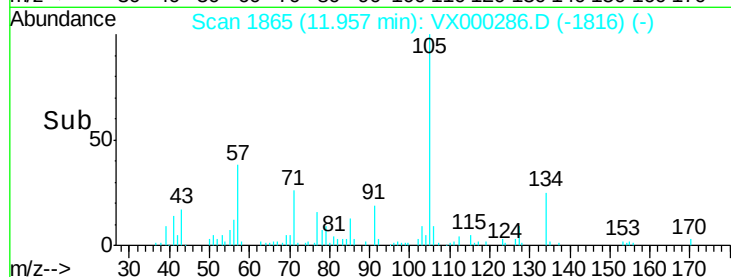
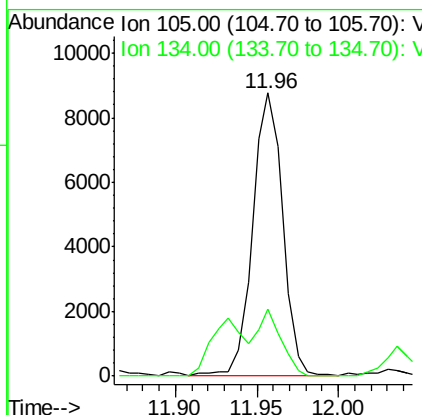
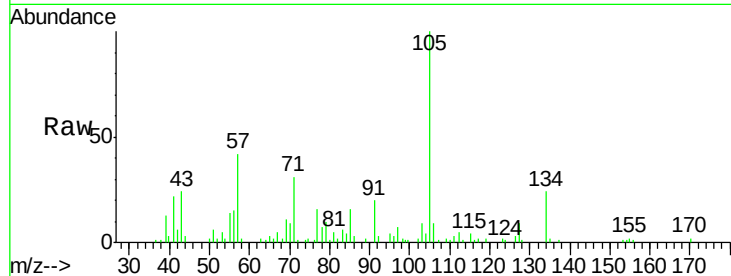




#85
 sec-Butylbenzene
 Concen: 1.18 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000286.D
 Acq: 12 Mar 2018 19:53

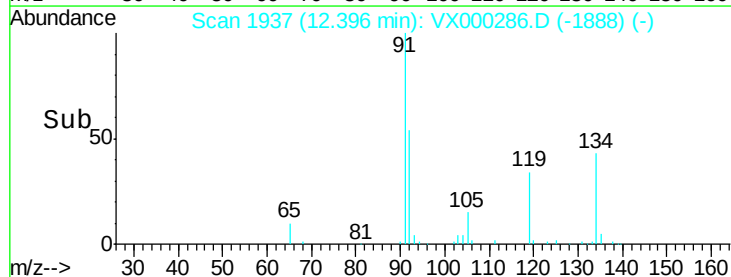
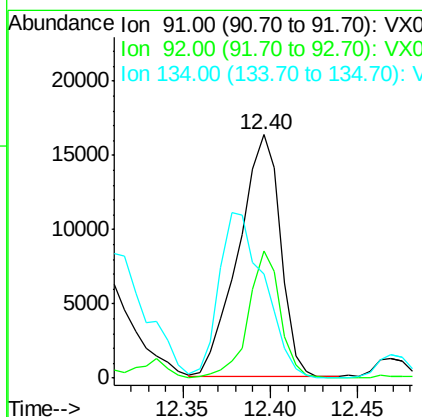
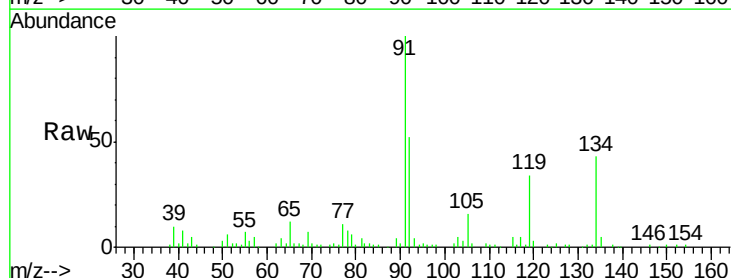
Instrument :
 MSVOA_X
 ClientSampled :
 T-2

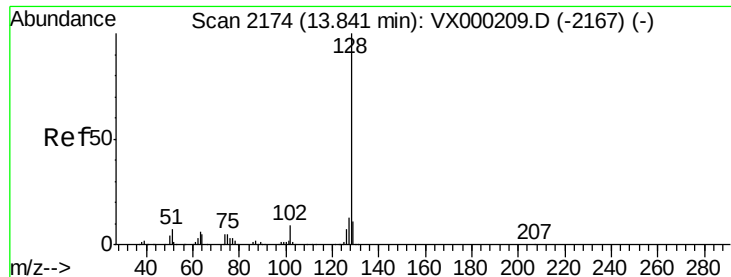
Tot Ion:105 Resp: 11278
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.3 30.9



#89
 n-Butylbenzene
 Concen: 3.36 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000286.D
 Acq: 12 Mar 2018 19:53

Tgt Ion: 91 Resp: 27307
 Ion Ratio Lower Upper
 91 100
 92 39.9 25.8 77.4
 134 73.5 13.5 40.5#





#95

Naphthalene

Concen: 1.29 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000286.D

Acq: 12 Mar 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

T-2

Tot Ion:128 Resp: 14830

Ion Ratio Lower Upper

128 100

127 20.7 10.5 15.7#

129 20.9 8.6 13.0#

