

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006329.D
 Acq On : 06 Dec 2018 20:03
 Operator : JC/MD
 Sample : J6248-06MEDL 10X
 Misc : 4.99g/5mL/100uL/5.0ml/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-SW-6MEDL

Quant Time: Dec 07 06:07:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	888329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1302972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1160351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	589519	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	415113	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
35) Dibromofluoromethane	5.50	113	393332	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
50) Toluene-d8	8.71	98	1502077	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	591052	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

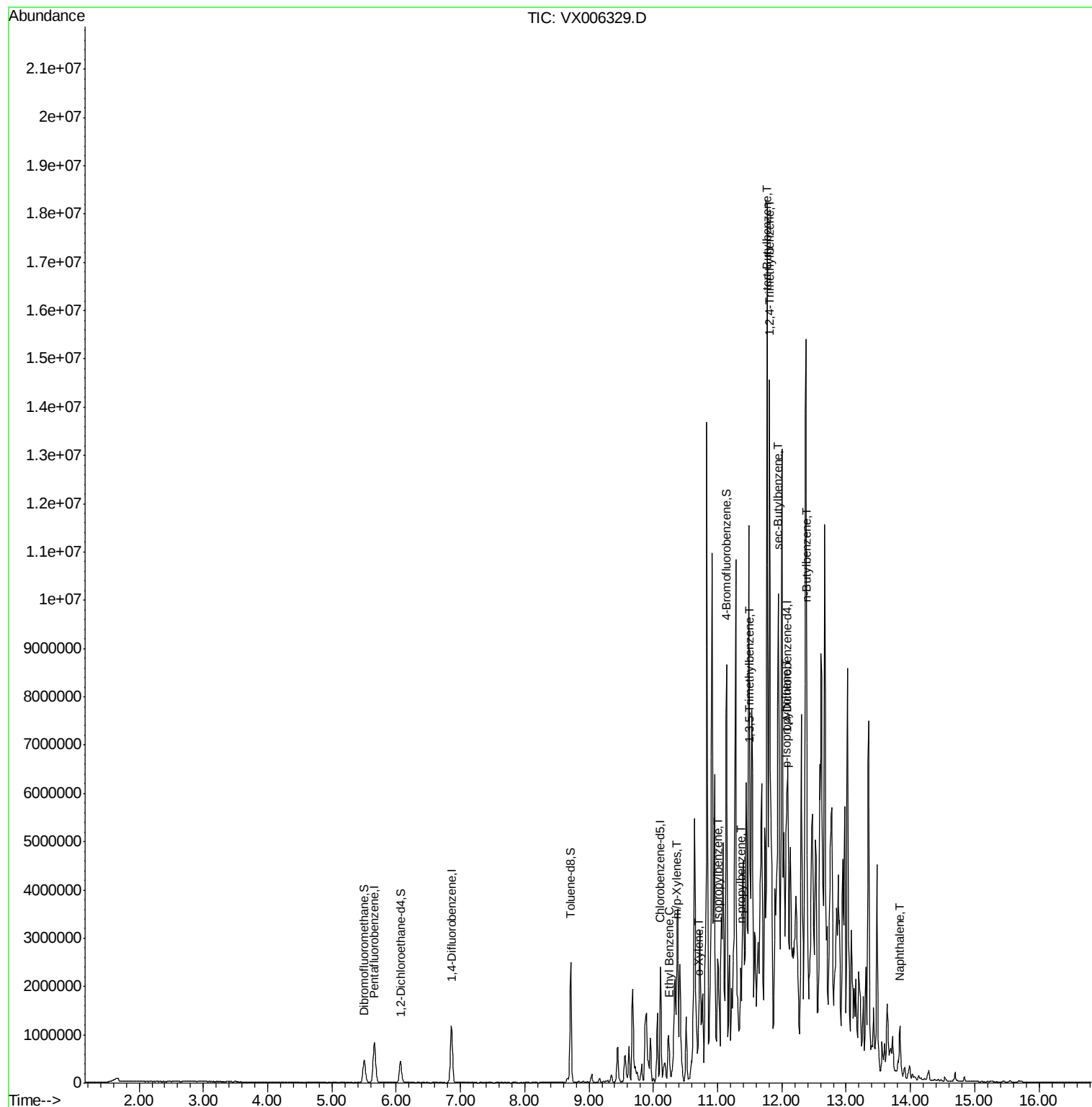
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.25	91	16093	0.393	ug/l	93
68) m/p-Xylenes	10.36	106	66355	4.043	ug/l	88
69) o-Xylene	10.70	106	39538	2.439	ug/l	98
73) Isopropylbenzene	11.02	105	288776	7.093	ug/l	99
78) n-propylbenzene	11.36	91	758351	16.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	407492	12.030	ug/l	99
83) tert-Butylbenzene	11.77	119	244907	6.776	ug/l	82
84) 1,2,4-Trimethylbenzene	11.81	105	4324344	123.634	ug/l	99
85) sec-Butylbenzene	11.94	105	1469532	35.741	ug/l #	76
86) p-Isopropyltoluene	12.07	119	1102501	29.779	ug/l	99
89) n-Butylbenzene	12.39	91	1694506	53.641	ug/l #	53
95) Naphthalene	13.83	128	672109	14.844	ug/l #	96

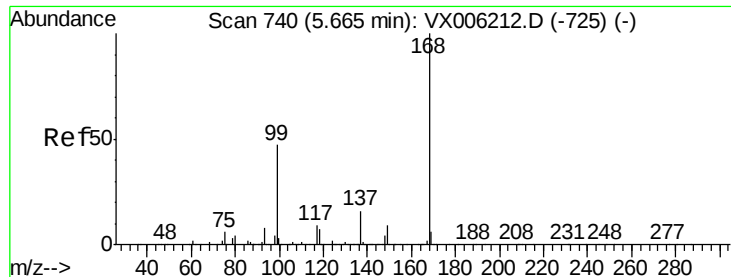
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
Data File : VX006329.D
Acq On : 06 Dec 2018 20:03
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Quant Time: Dec 07 06:07:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

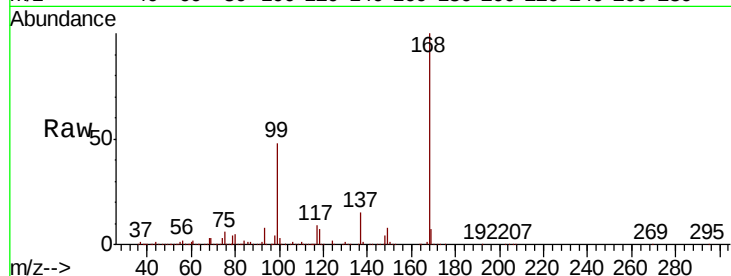
4UST-SW-6MEDL

Tot Ion:168 Resp: 888329

Ion Ratio Lower Upper

168 100

99 48.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

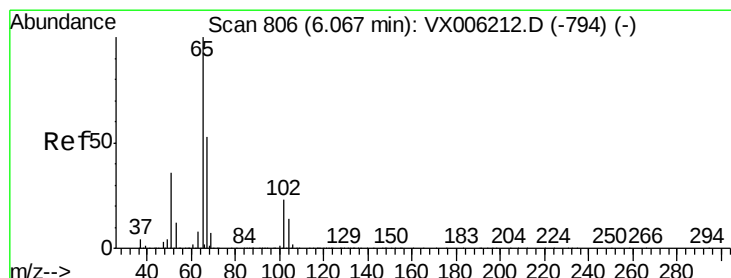
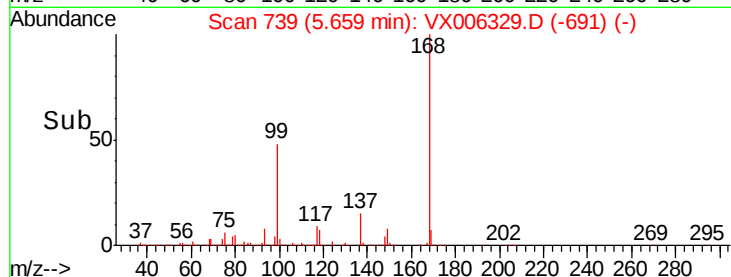
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.776 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006329.D

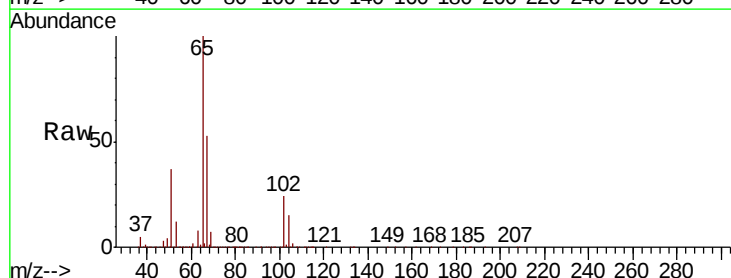
Acq: 06 Dec 2018 20:03

Tgt Ion: 65 Resp: 415113

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

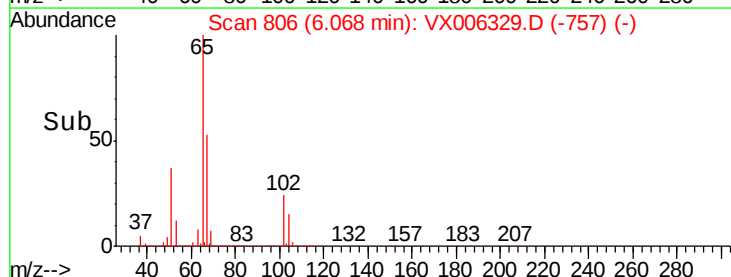
150000

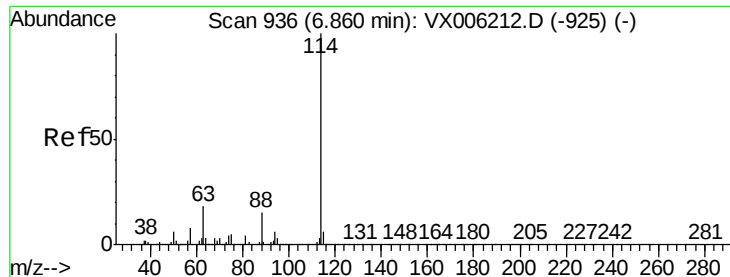
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

4UST-SW-6MEDL

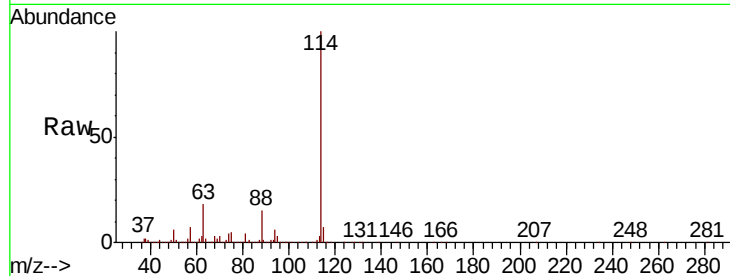
Tot Ion:114 Resp: 1302972

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

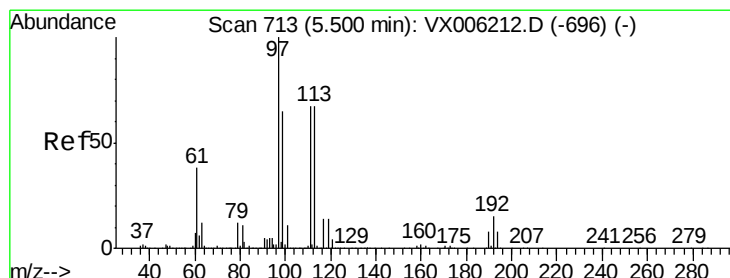
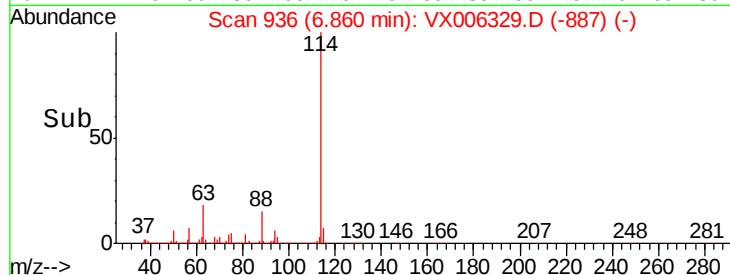
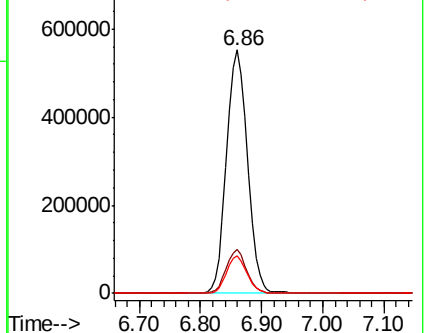
88 15.2 0.0 29.0



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: 46.624 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

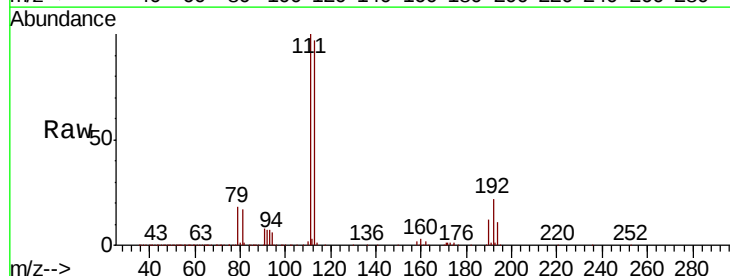
Tgt Ion:113 Resp: 393332

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

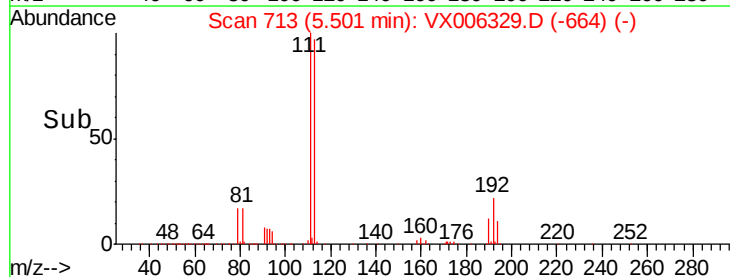
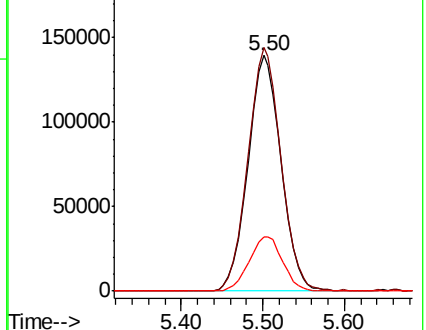
192 23.4 18.2 27.2

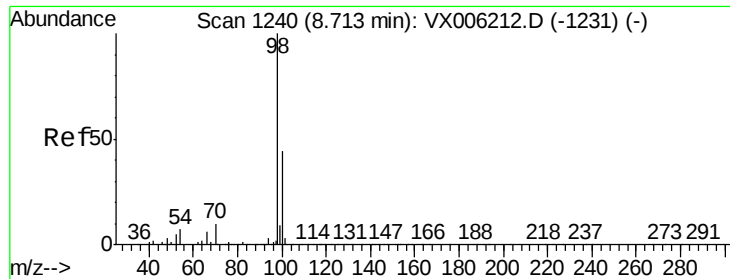


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.950 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

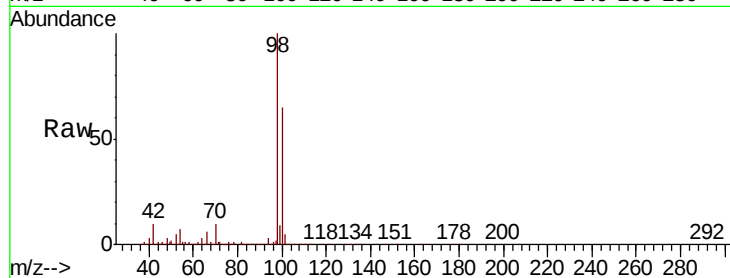
4UST-SW-6MEDL

Tot Ion: 98 Resp: 1502077

Ion Ratio Lower Upper

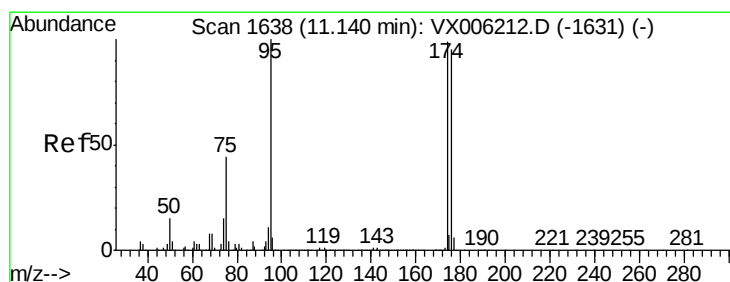
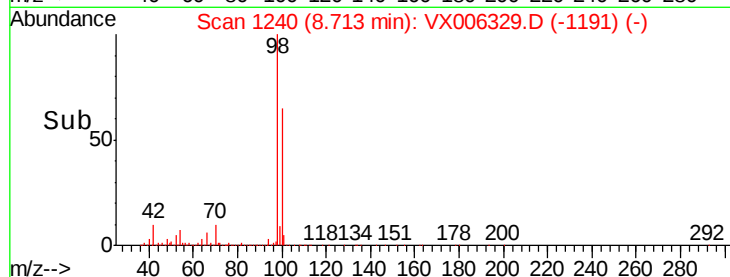
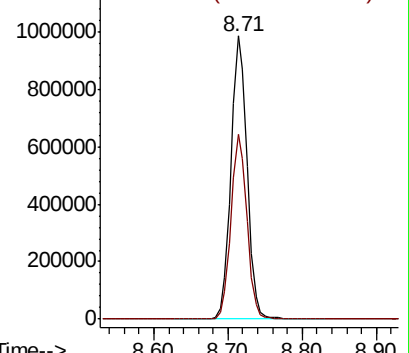
98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 51.114 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

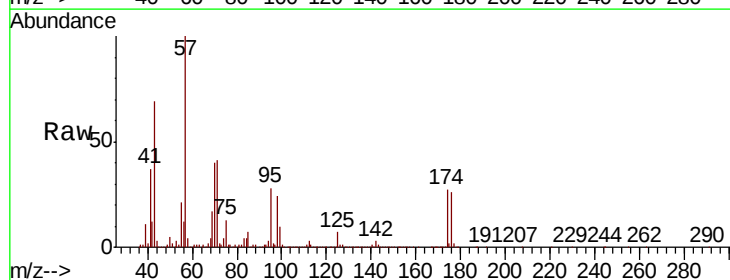
Tgt Ion: 95 Resp: 591052

Ion Ratio Lower Upper

95 100

174 83.5 0.0 187.0

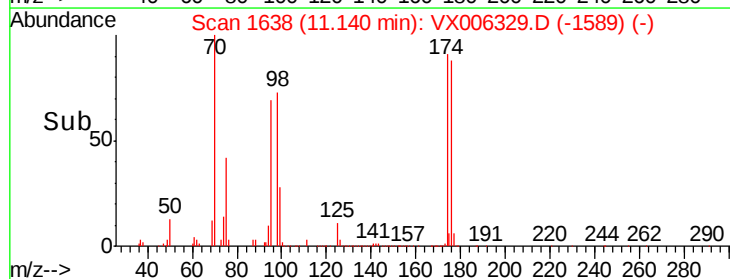
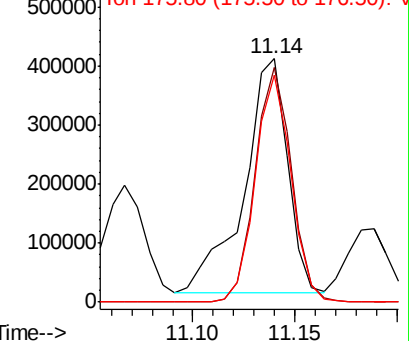
176 80.1 0.0 181.8

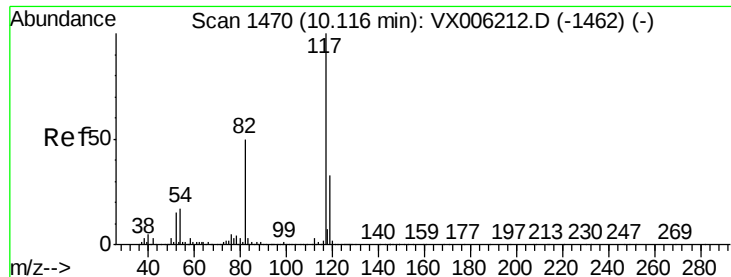


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

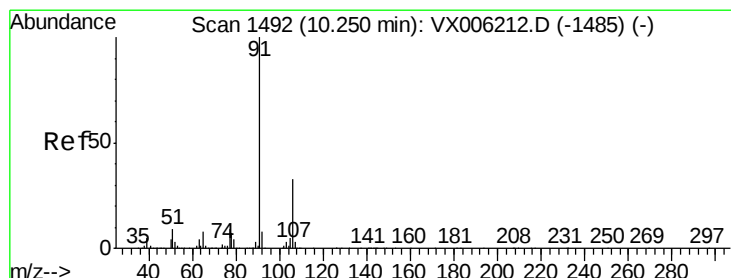
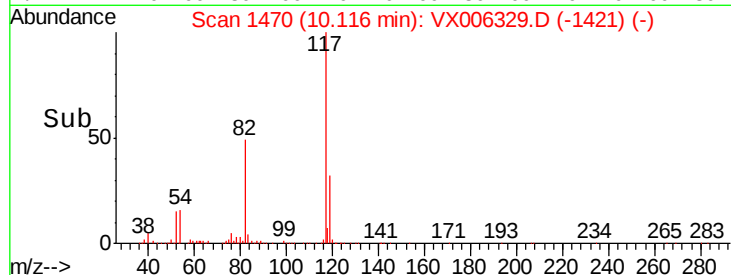
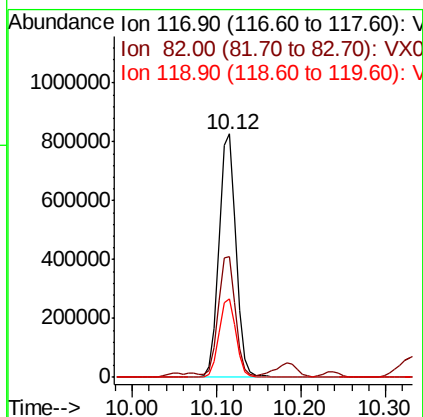
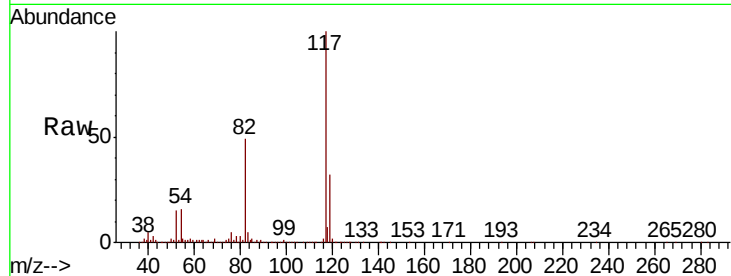




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

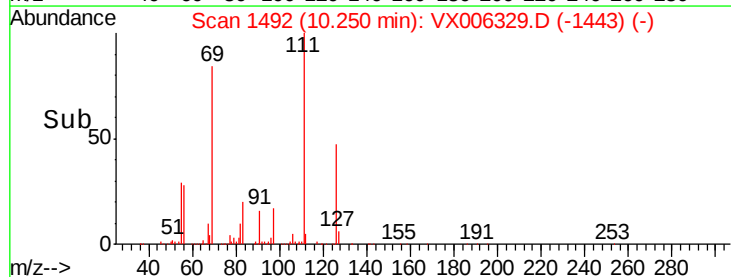
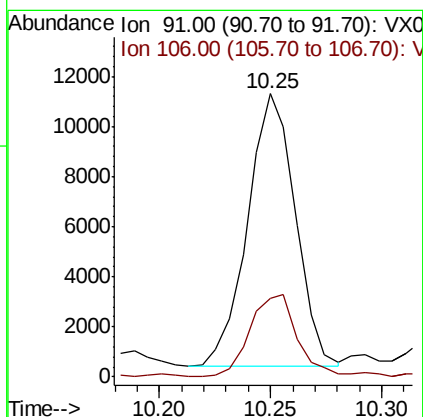
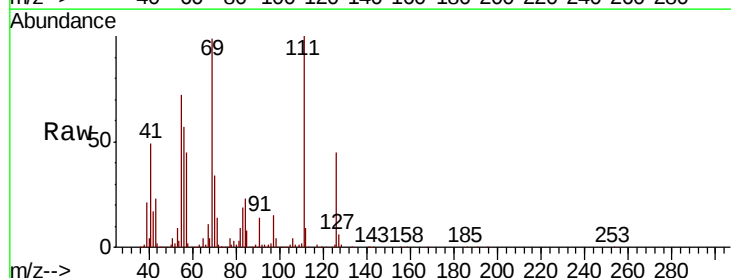
Instrument :
MSVOA_X
ClientSampleId :
4UST-SW-6MEDL

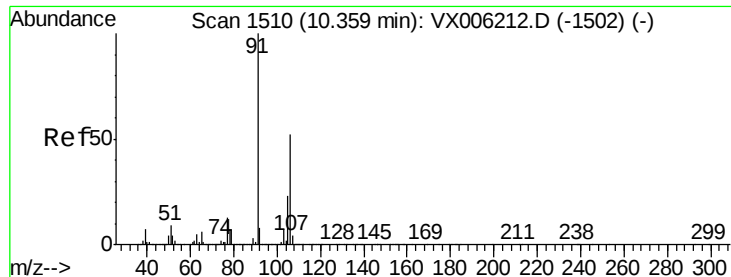
Tot Ion:117 Resp: 1160351
Ion Ratio Lower Upper
117 100
82 47.8 39.6 59.4
119 32.1 26.3 39.5



#67
Ethyl Benzene
Concen: 0.393 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Tgt Ion: 91 Resp: 16093
Ion Ratio Lower Upper
91 100
106 28.9 26.5 39.7





#68

m/p-Xylenes

Concen: 4.043 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

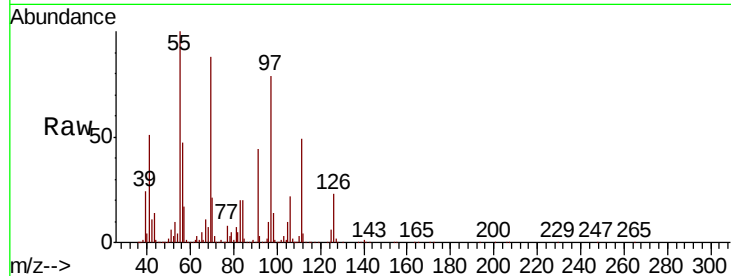
4UST-SW-6MEDL

Tot Ion:106 Resp: 66355

Ion Ratio Lower Upper

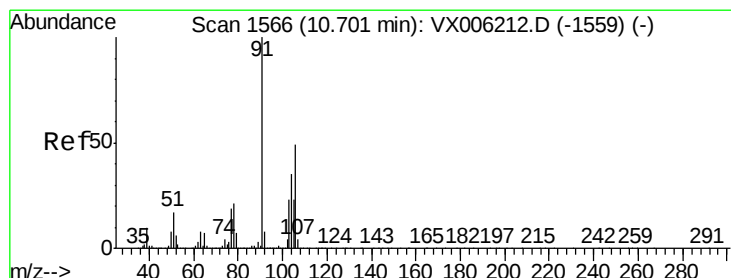
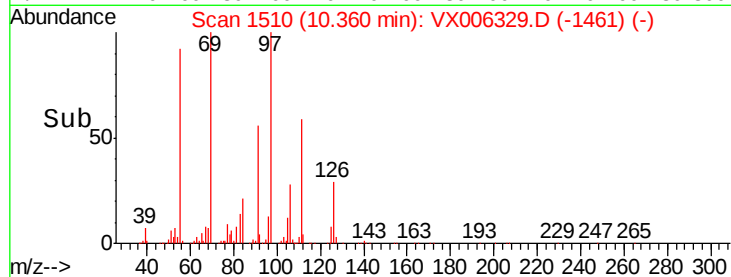
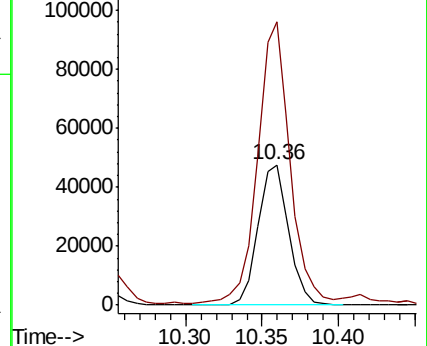
106 100

91 211.9 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.439 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006329.D

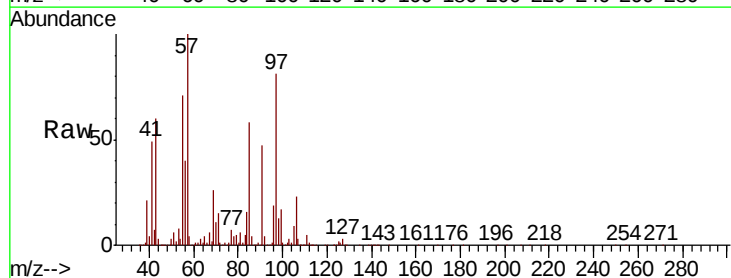
Acq: 06 Dec 2018 20:03

Tgt Ion:106 Resp: 39538

Ion Ratio Lower Upper

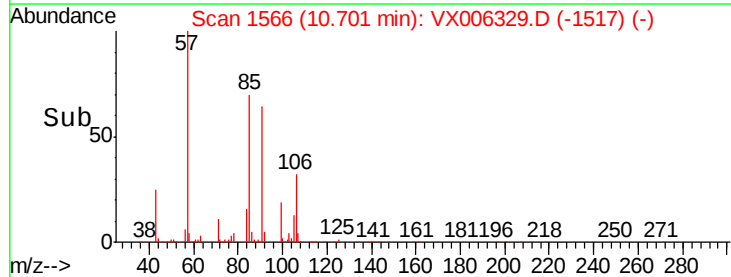
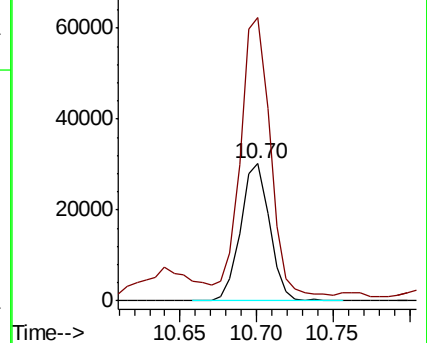
106 100

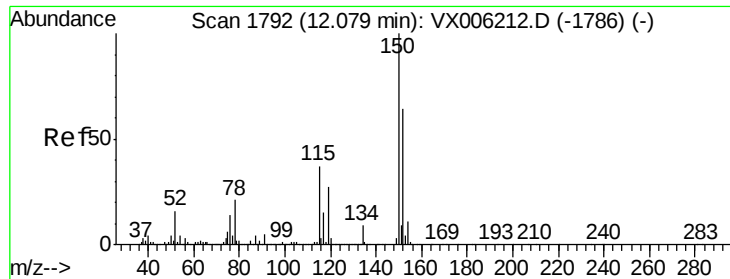
91 207.1 101.8 305.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



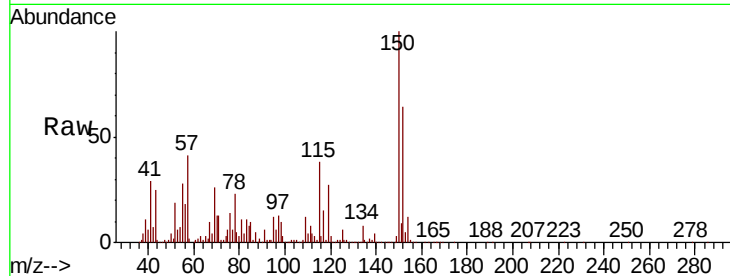


#72

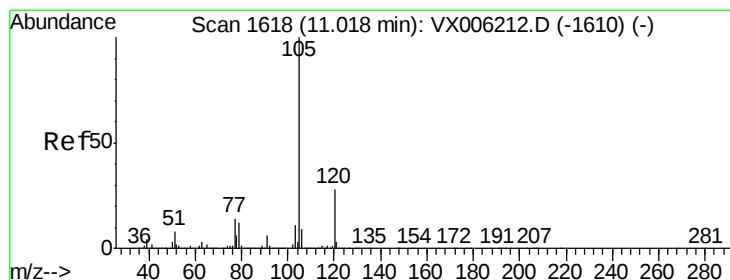
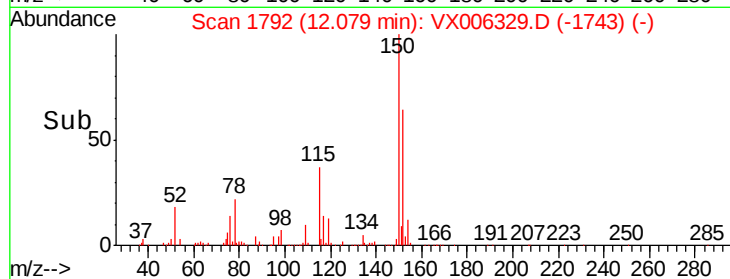
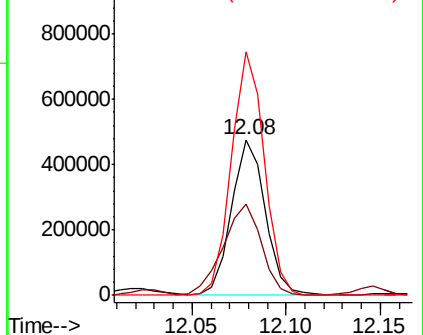
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
4UST-SW-6MEDL

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.6	39.0	116.9
150	153.3	0.0	345.8



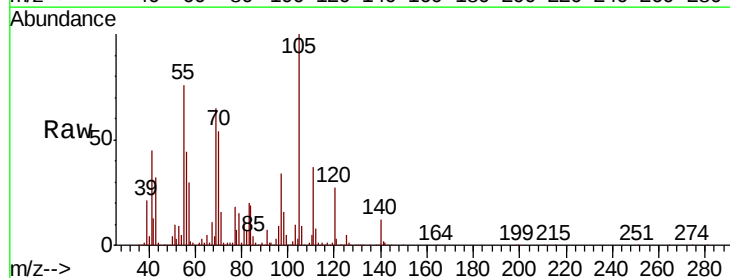
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



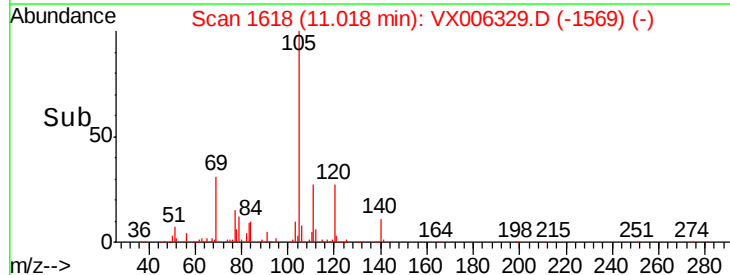
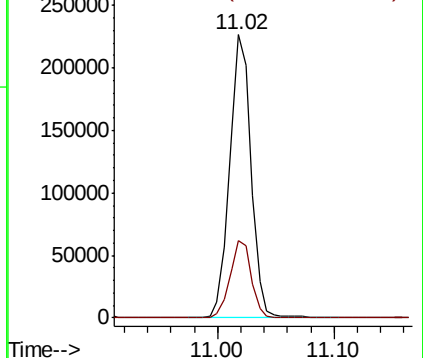
#73

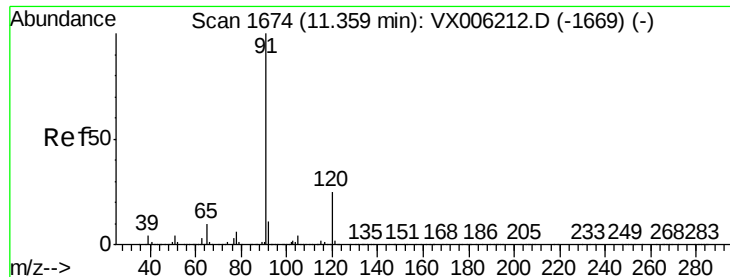
Isopropylbenzene
Concen: 7.093 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	14.1	42.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 16.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

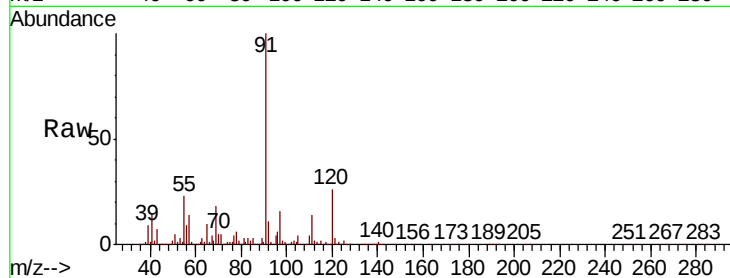
4UST-SW-6MEDL

Tot Ion: 91 Resp: 758351

Ion Ratio Lower Upper

91 100

120 24.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

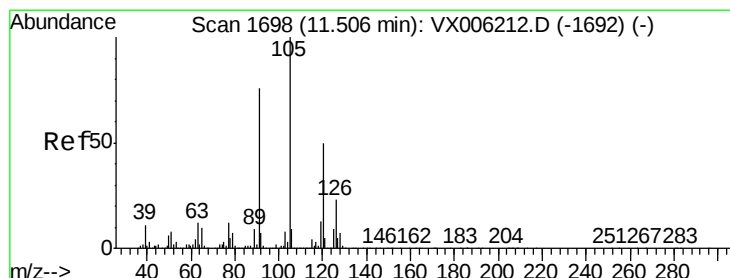
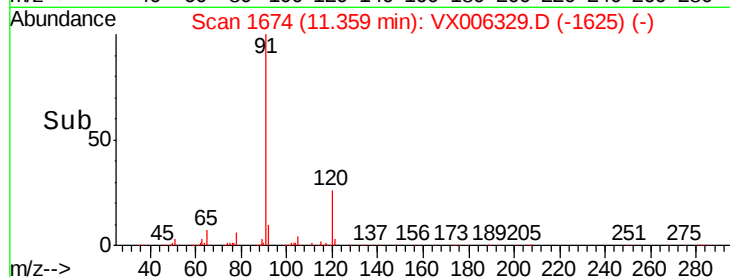
600000

400000

200000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 12.030 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006329.D

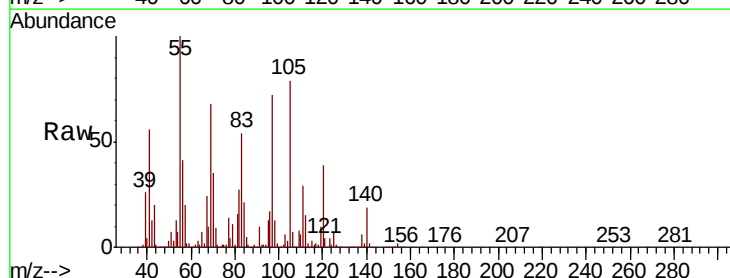
Acq: 06 Dec 2018 20:03

Tgt Ion:105 Resp: 407492

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

400000

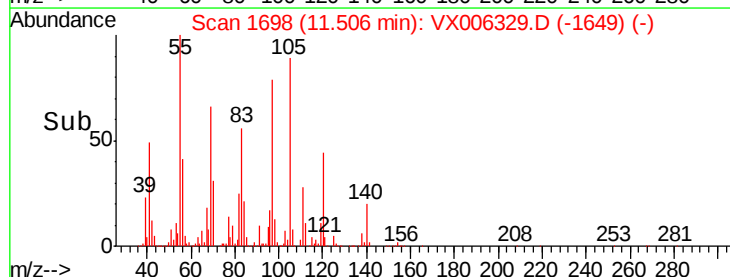
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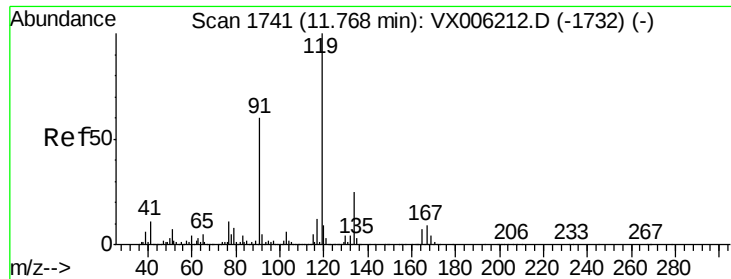
200000

100000

0

Time-->

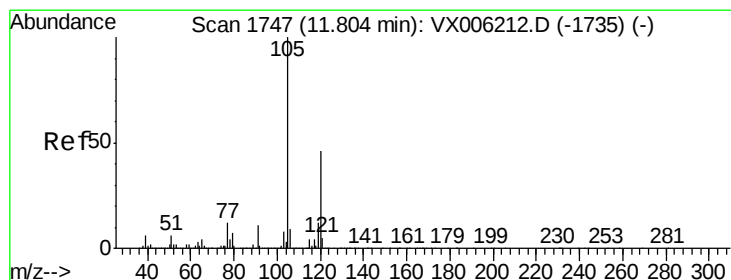
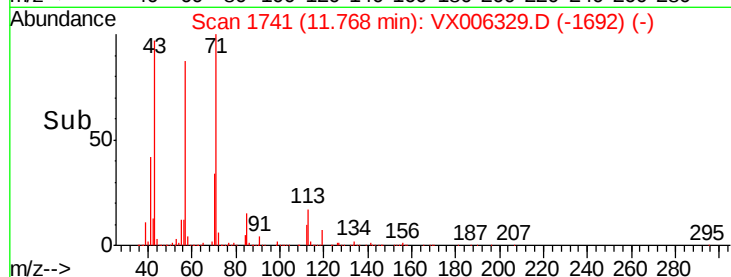
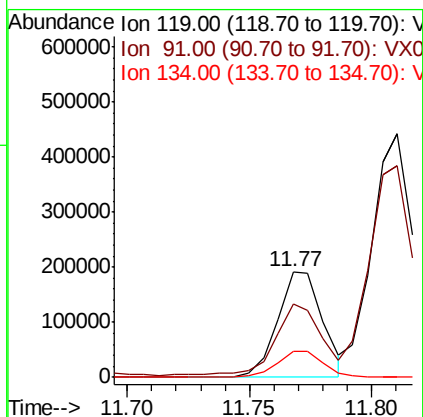
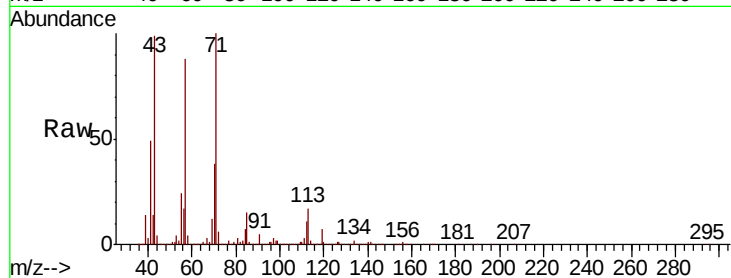




#83
 tert-Butylbenzene
 Concen: 6.776 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006329.D
 Acq: 06 Dec 2018 20:03

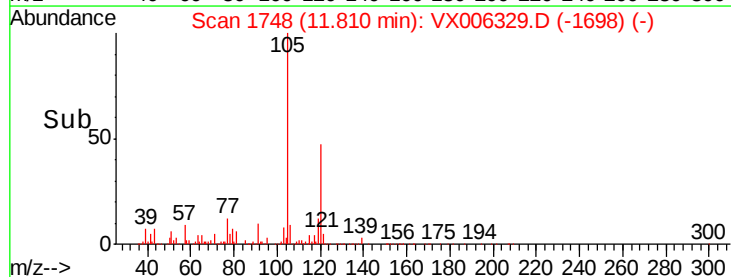
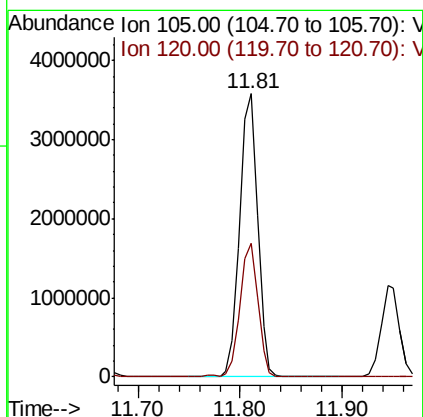
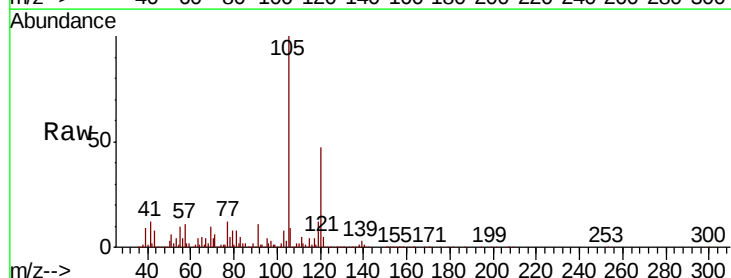
Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-SW-6MEDL

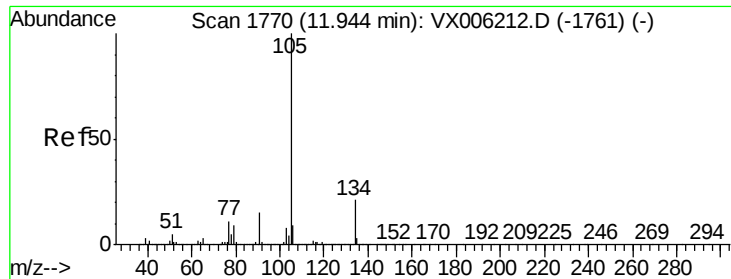
Tot Ion:119 Resp: 244907
 Ion Ratio Lower Upper
 119 100
 91 70.1 26.4 79.2
 134 25.4 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 123.634 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006329.D
 Acq: 06 Dec 2018 20:03

Tgt Ion:105 Resp: 4324344
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.0





#85

sec-Butylbenzene

Concen: 35.741 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

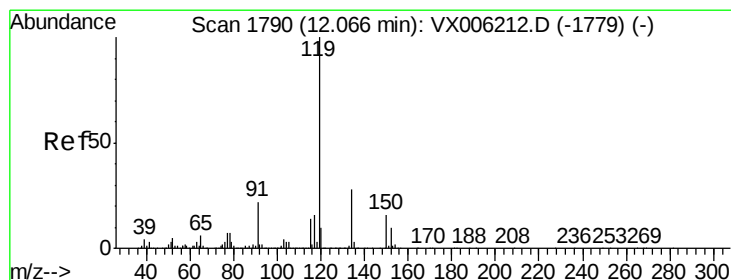
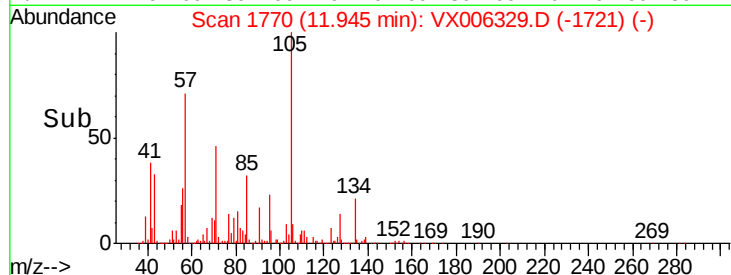
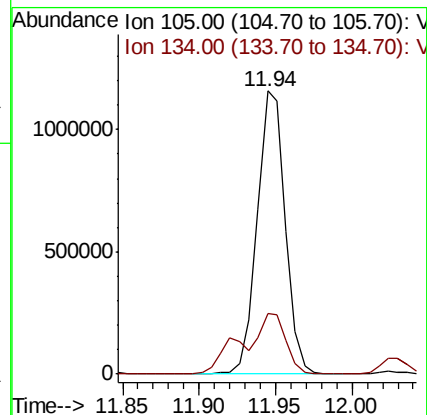
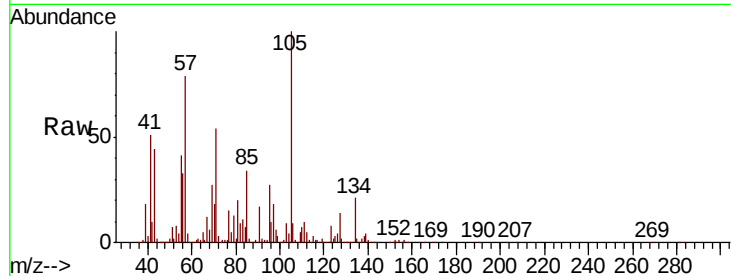
4UST-SW-6MEDL

Tot Ion:105 Resp: 1469532

Ion Ratio Lower Upper

105 100

134 33.1 10.8 32.4#



#86

p-Isopropyltoluene

Concen: 29.779 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

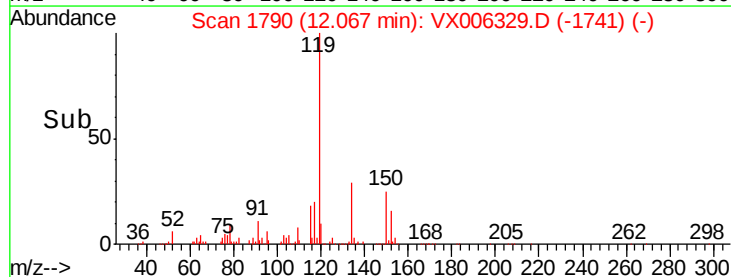
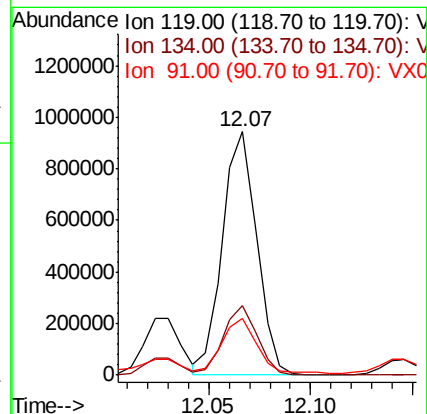
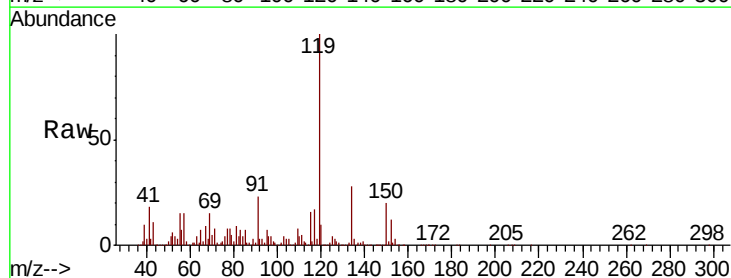
Tgt Ion:119 Resp: 1102501

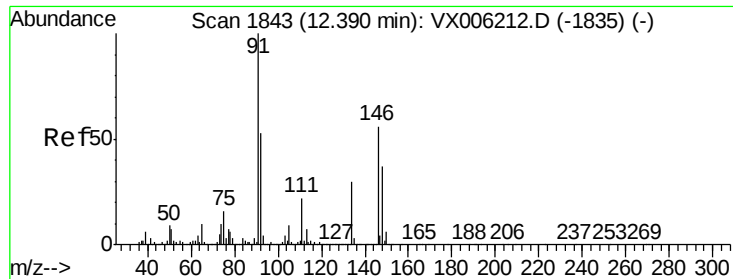
Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

91 22.1 11.3 33.8

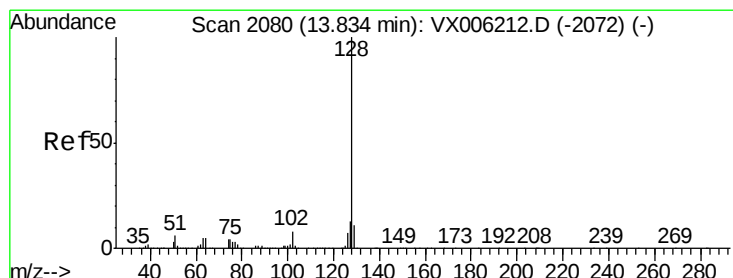
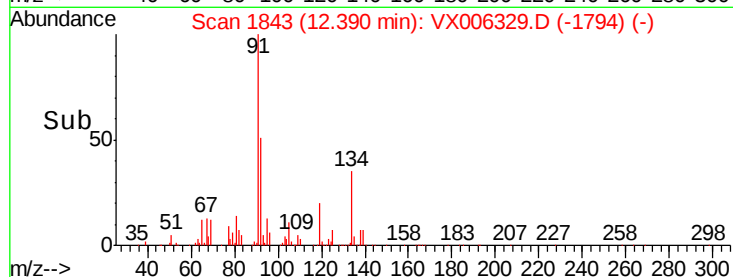
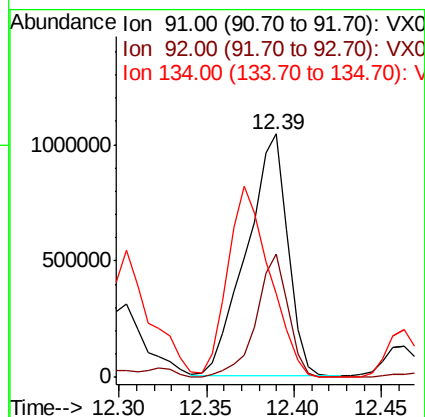
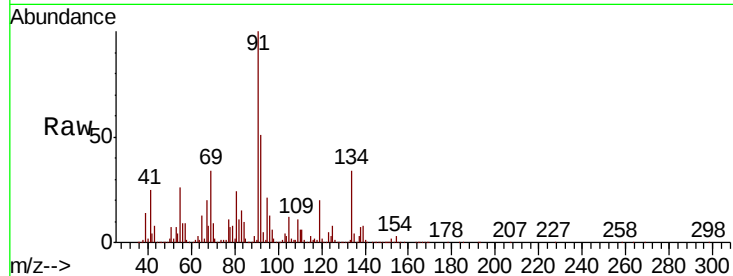




#89
n-Butylbenzene
Concen: 53.641 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
4UST-SW-6MEDL

Tot Ion: 91 Resp: 1694506
Ion Ratio Lower Upper
91 100
92 39.4 26.6 79.8
134 80.9 14.8 44.3#



#95
Naphthalene
Concen: 14.844 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Tgt Ion: 128 Resp: 672109
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 13.4 8.9 13.3#

