

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006355.D
 Acq On : 07 Dec 2018 18:45
 Operator : JC/MD
 Sample : J6248-07MEDL 10X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-BASEMEDL

Quant Time: Dec 08 01:30:52 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	764427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1177941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1073440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	527631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	387756	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	5.50	113	365525	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.71	98	1389927	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	530236	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

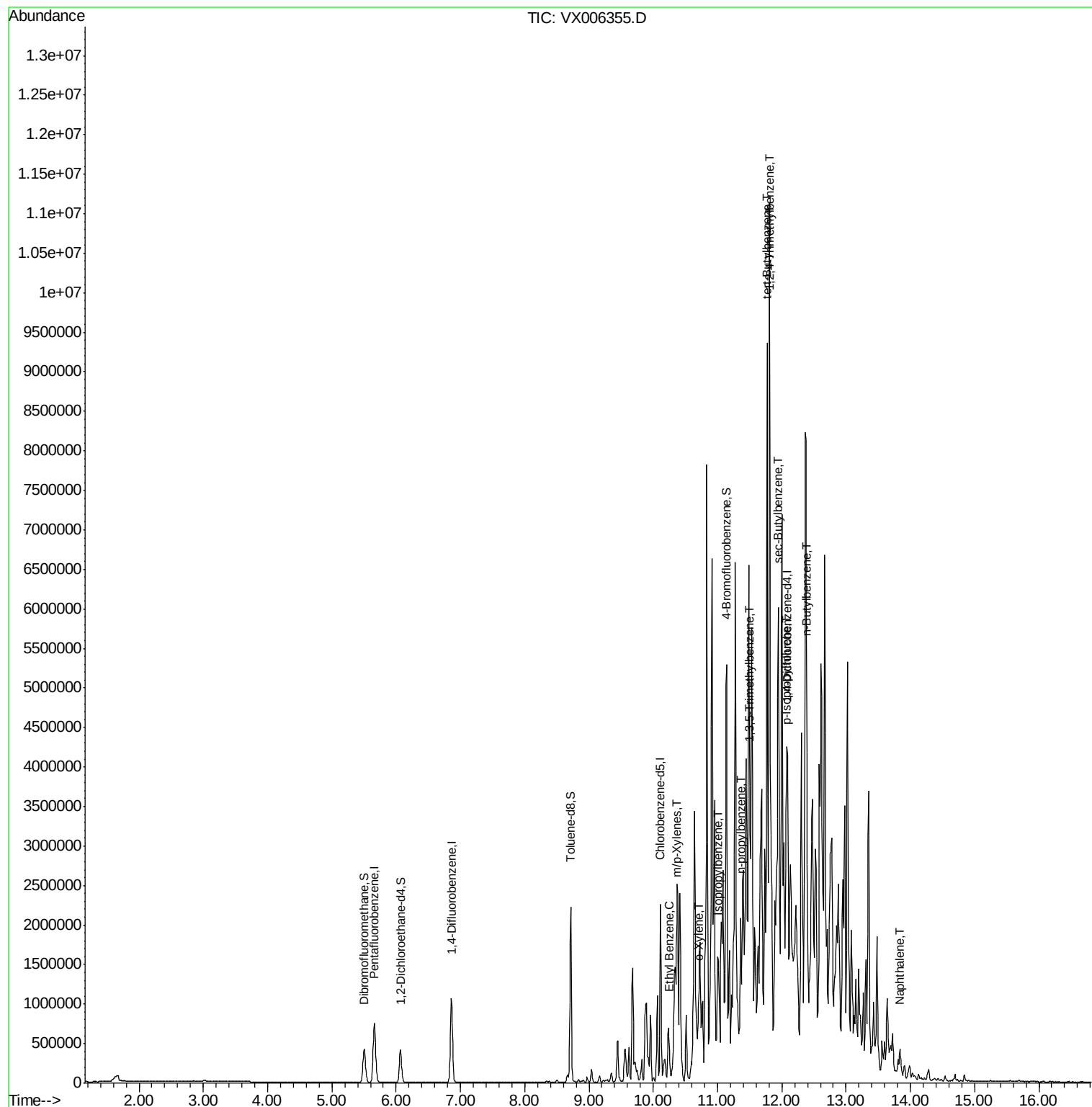
						Qvalue
67) Ethyl Benzene	10.25	91	18669	0.493	ug/l	96
68) m/p-Xylenes	10.36	106	172212	11.344	ug/l	95
69) o-Xylene	10.70	106	101812	6.790	ug/l	100
73) Isopropylbenzene	11.02	105	324338	8.901	ug/l	99
78) n-propylbenzene	11.36	91	867481	21.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536310	17.690	ug/l	100
83) tert-Butylbenzene	11.77	119	149468	4.621	ug/l	83
84) 1,2,4-Trimethylbenzene	11.81	105	3840081	122.666	ug/l	98
85) sec-Butylbenzene	11.94	105	1081747	29.396	ug/l #	75
86) p-Isopropyltoluene	12.07	119	686888	20.729	ug/l	100
89) n-Butylbenzene	12.39	91	1079932	38.196	ug/l #	60
95) Naphthalene	13.83	128	208894	5.155	ug/l #	93

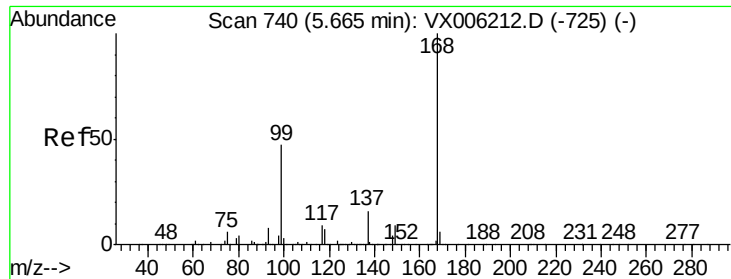
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

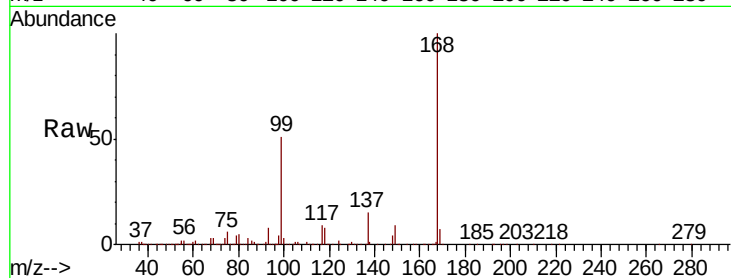
4UST-BASEMEDL

Tot Ion:168 Resp: 764427

Ion Ratio Lower Upper

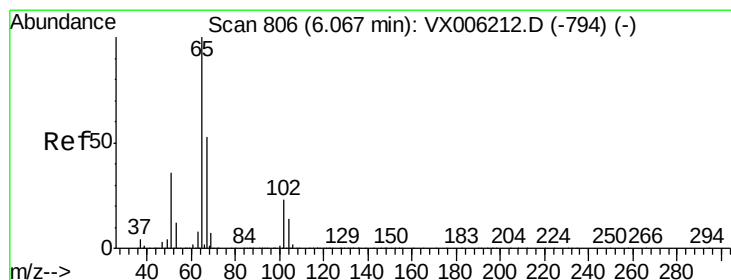
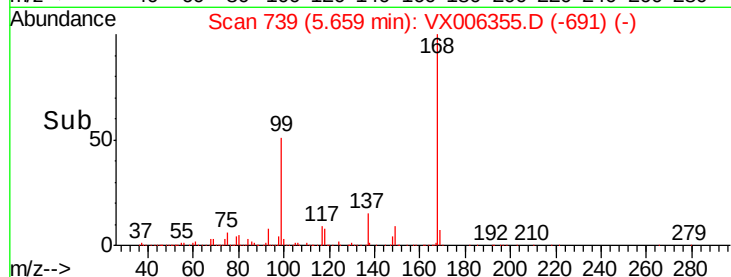
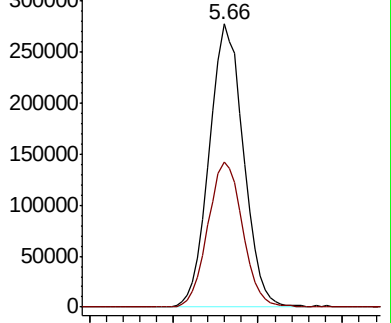
168 100

99 51.3 37.8 56.8



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: 49.690 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006355.D

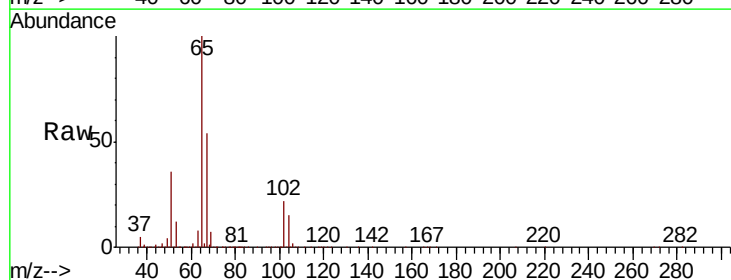
Acq: 07 Dec 2018 18:45

Tgt Ion: 65 Resp: 387756

Ion Ratio Lower Upper

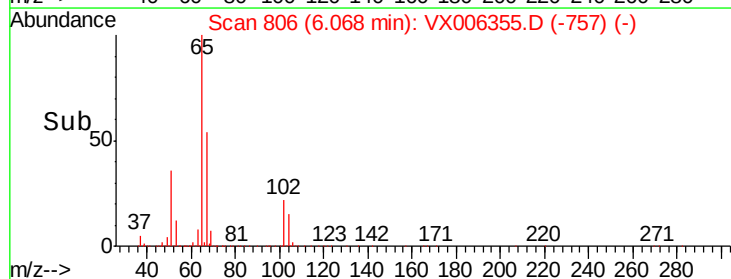
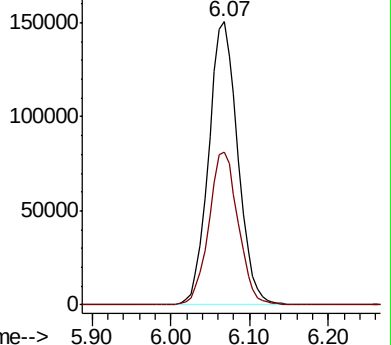
65 100

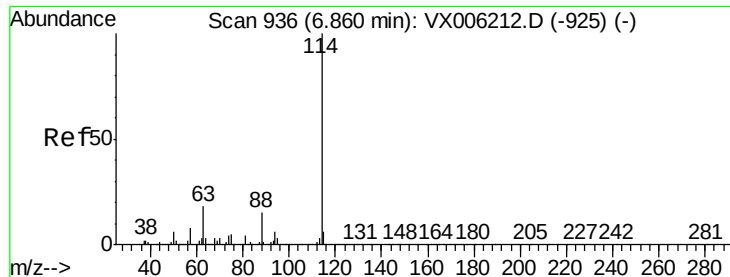
67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEMEDL

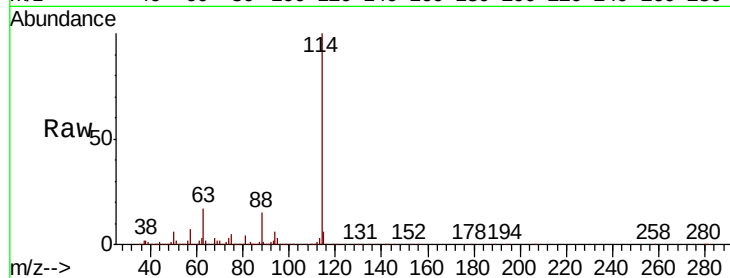
Tot Ion:114 Resp: 1177941

Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.6

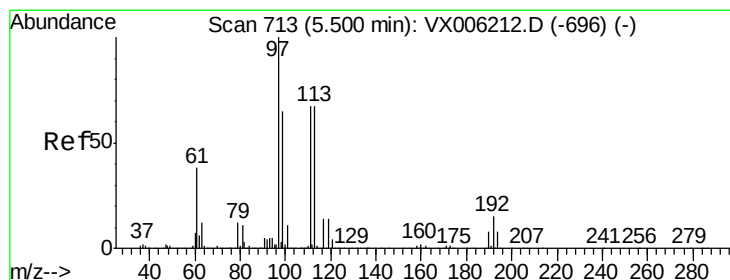
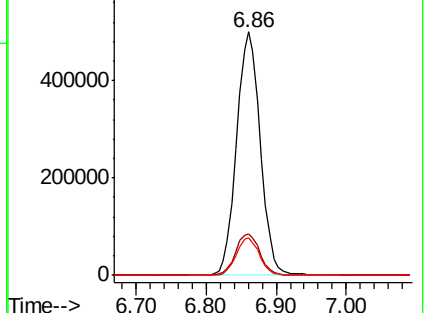
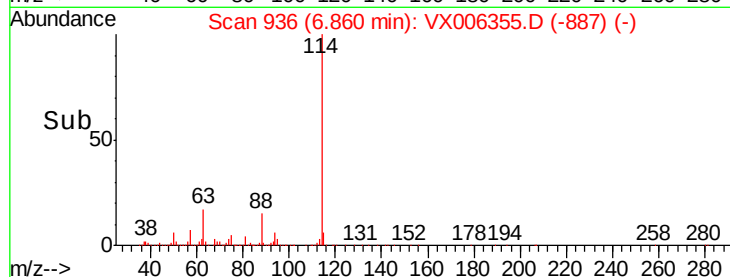
88 15.1 0.0 29.0



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: 47.927 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

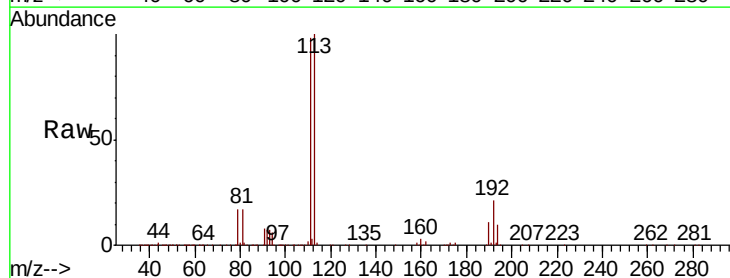
Tgt Ion:113 Resp: 365525

Ion Ratio Lower Upper

113 100

111 100.2 81.1 121.7

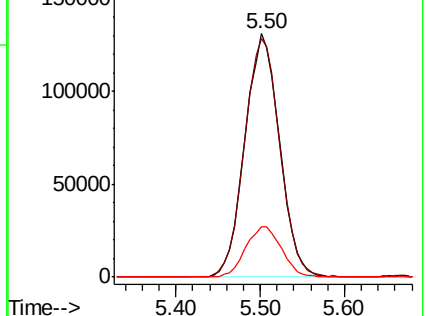
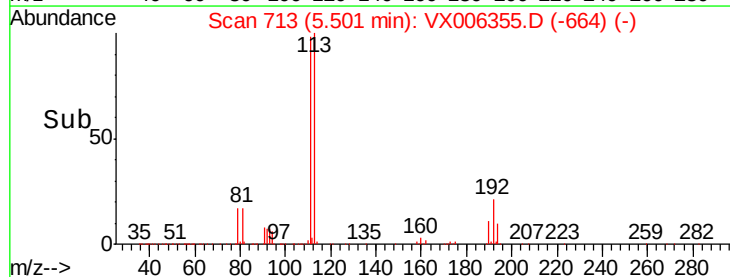
192 21.5 18.2 27.2

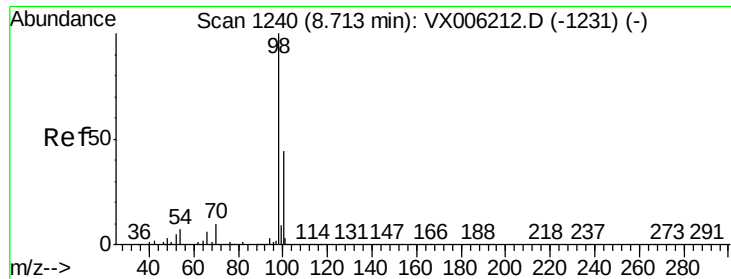


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

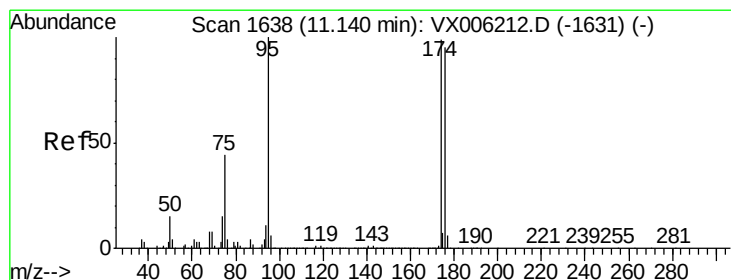
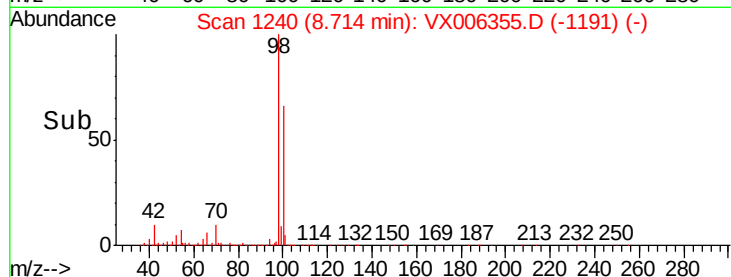
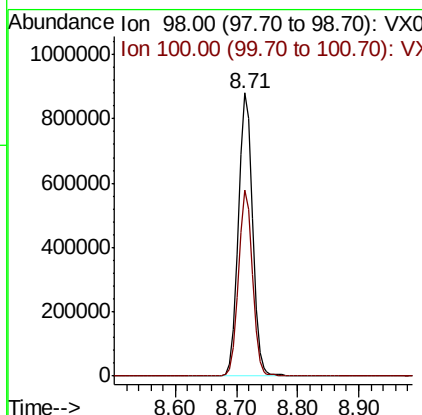
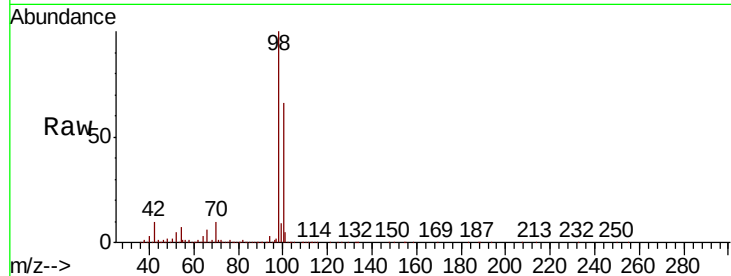




#50
Toluene-d8
Concen: 50.103 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

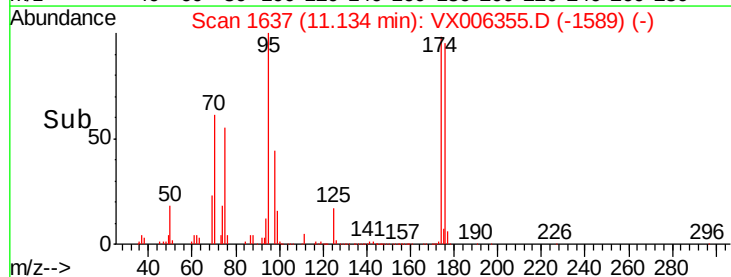
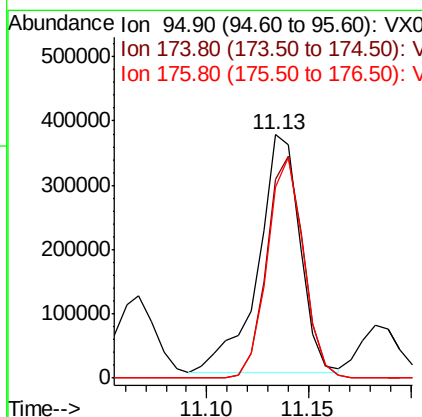
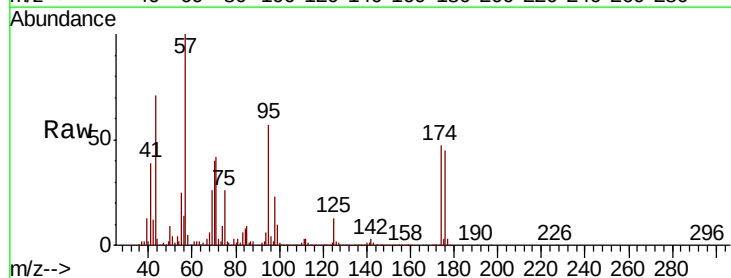
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

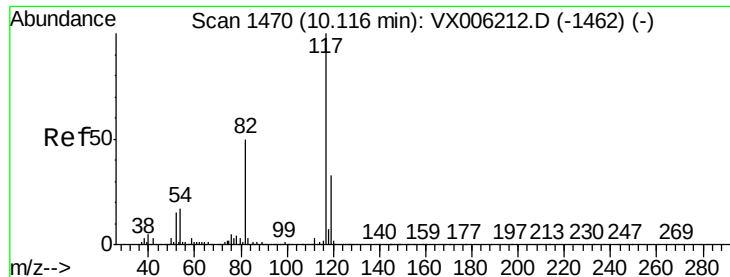
Tot Ion: 98 Resp: 1389927
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.722 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Tgt Ion: 95 Resp: 530236
Ion Ratio Lower Upper
95 100
174 82.3 0.0 187.0
176 80.7 0.0 181.8

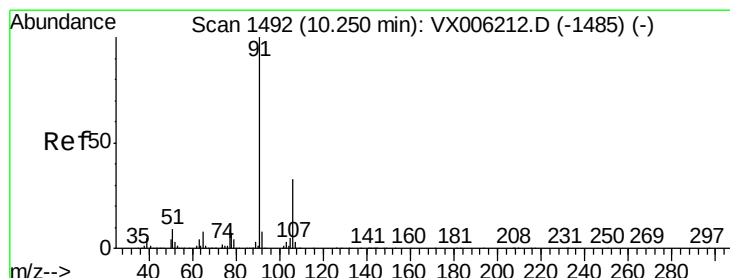
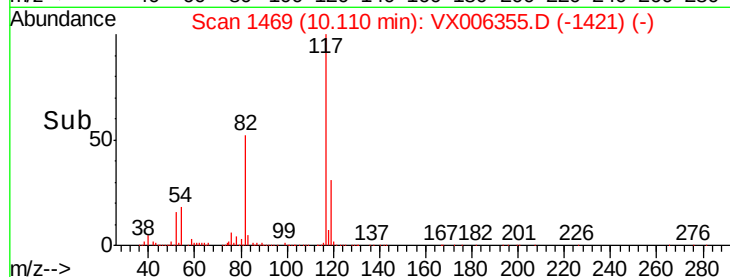
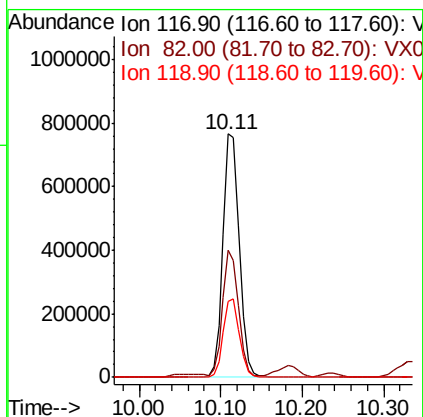
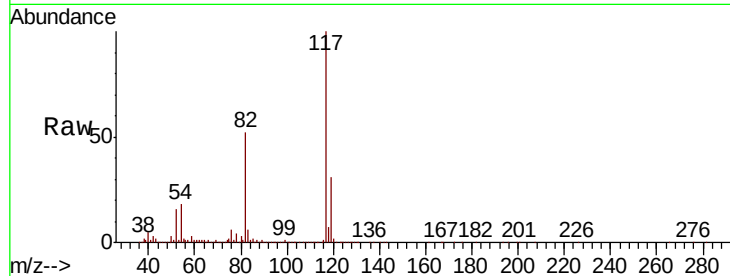




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

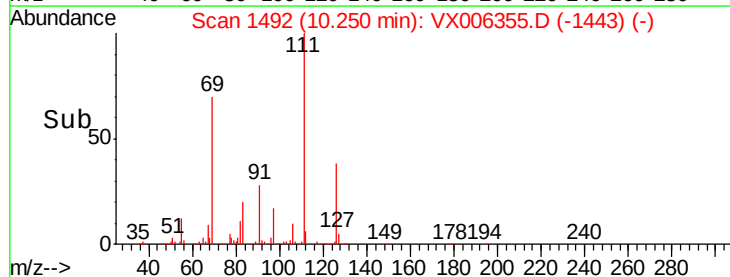
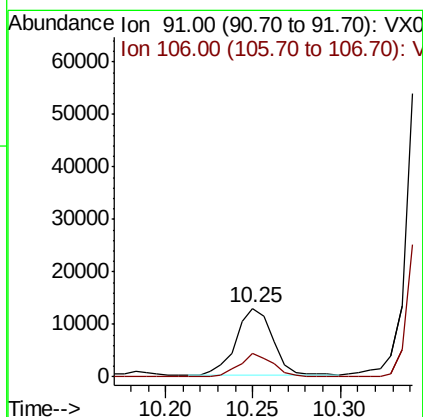
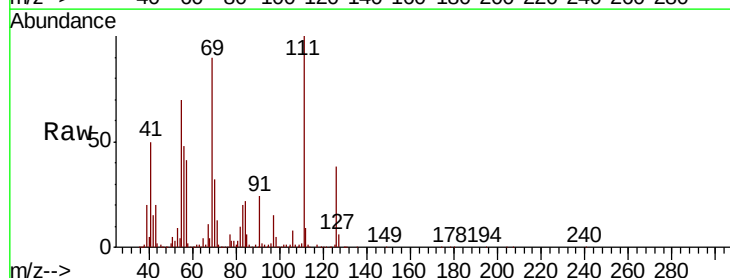
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

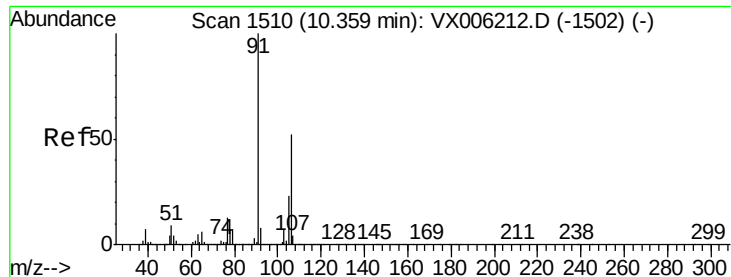
Tot Ion:117 Resp: 1073440
Ion Ratio Lower Upper
117 100
82 50.8 39.6 59.4
119 31.3 26.3 39.5



#67
Ethyl Benzene
Concen: 0.493 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Tgt Ion: 91 Resp: 18669
Ion Ratio Lower Upper
91 100
106 35.6 26.5 39.7

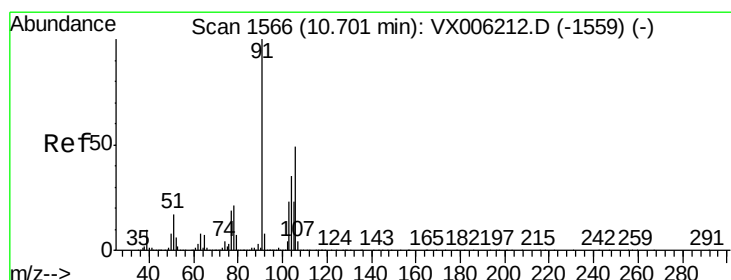
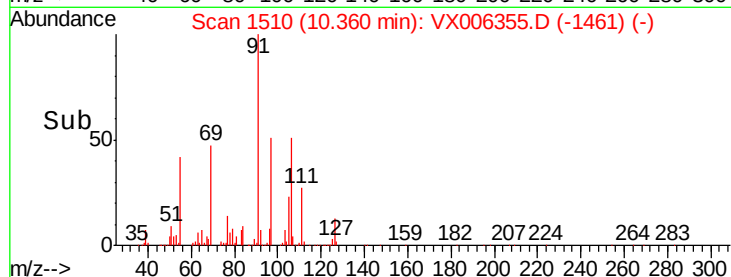
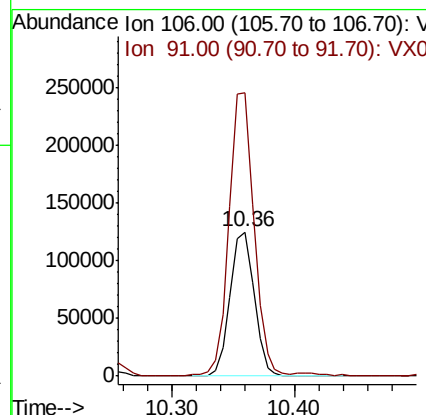
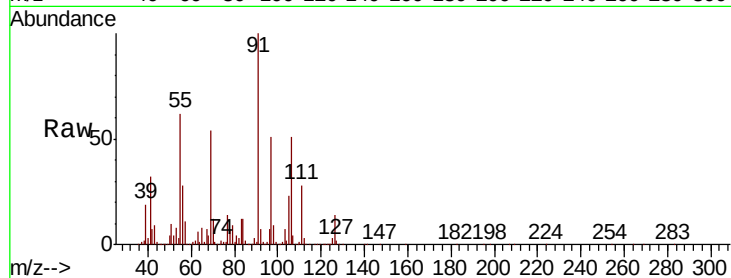




#68
m/p-Xylenes
Concen: 11.344 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

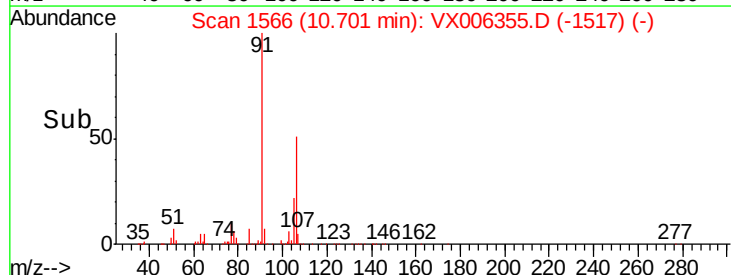
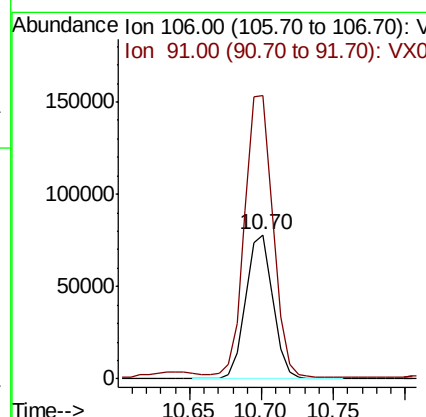
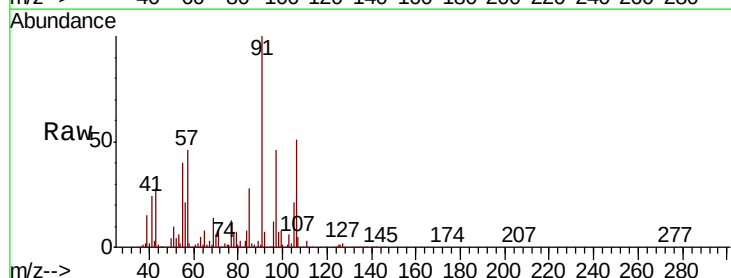
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

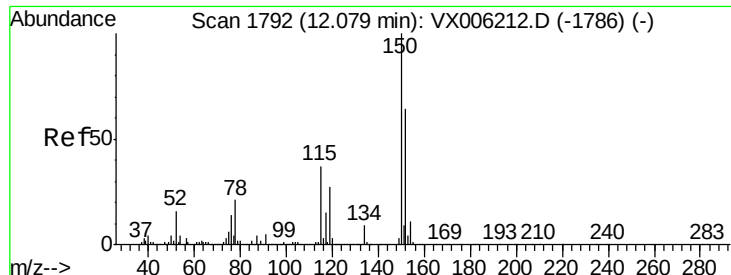
Tot Ion:106 Resp: 172212
Ion Ratio Lower Upper
106 100
91 200.9 155.2 232.8



#69
o-Xylene
Concen: 6.790 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Tgt Ion:106 Resp: 101812
Ion Ratio Lower Upper
106 100
91 204.2 101.8 305.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEMEDL

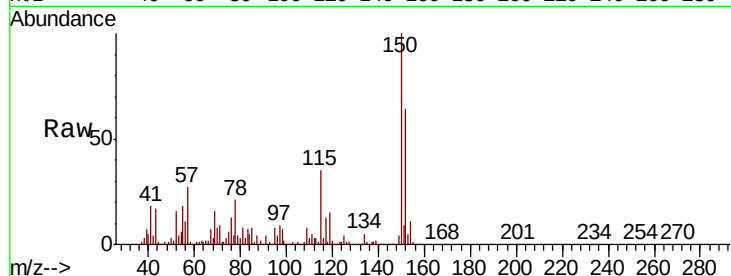
Tot Ion:152 Resp: 527631

Ion Ratio Lower Upper

152 100

115 62.2 39.0 116.9

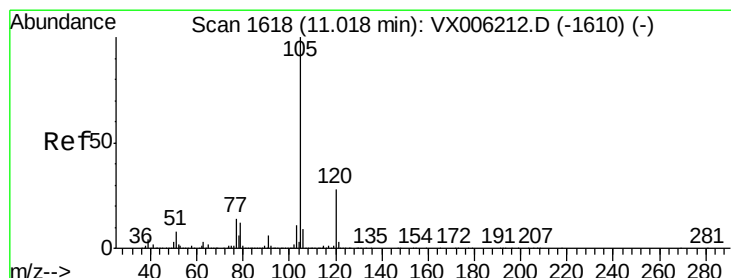
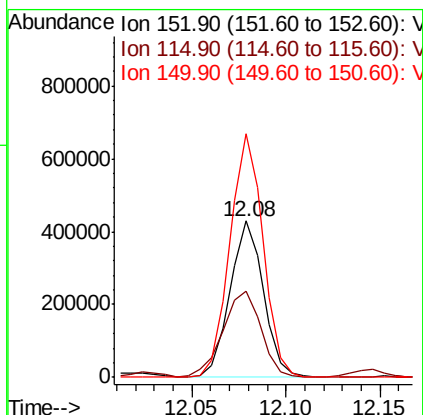
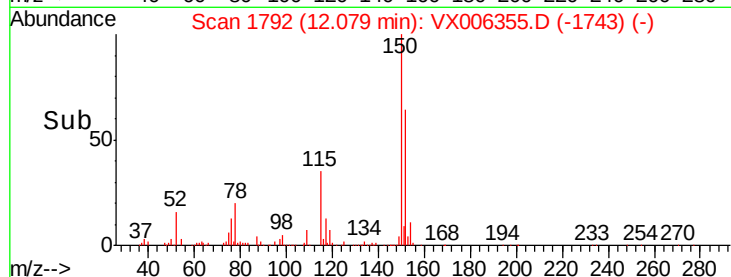
150 154.6 0.0 345.8



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: 8.901 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006355.D

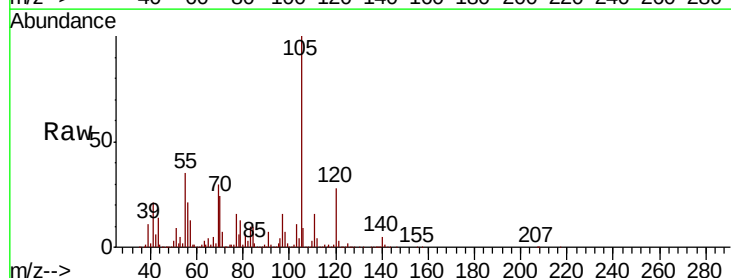
Acq: 07 Dec 2018 18:45

Tgt Ion:105 Resp: 324338

Ion Ratio Lower Upper

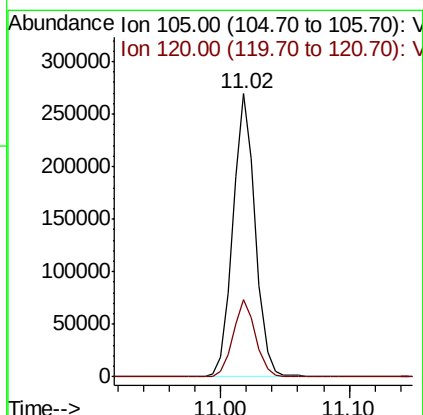
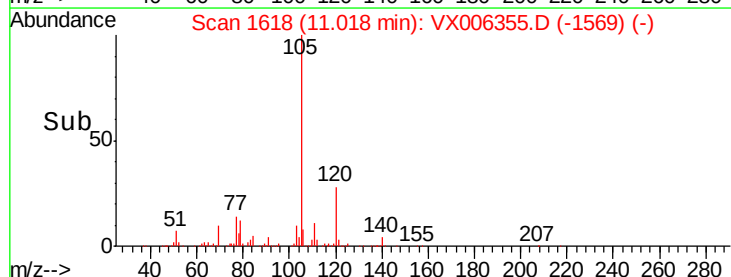
105 100

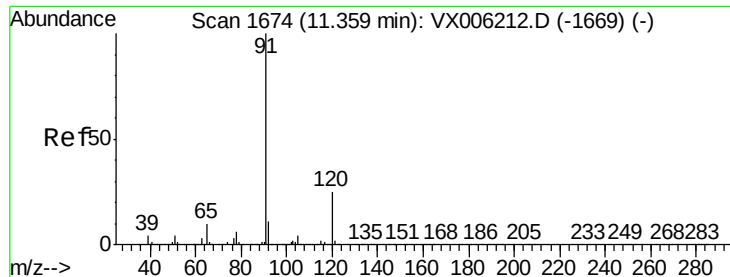
120 27.5 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 21.417 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

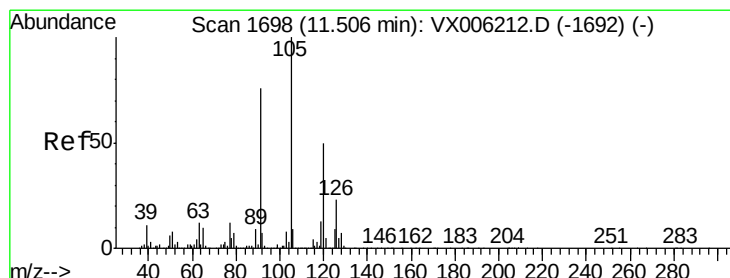
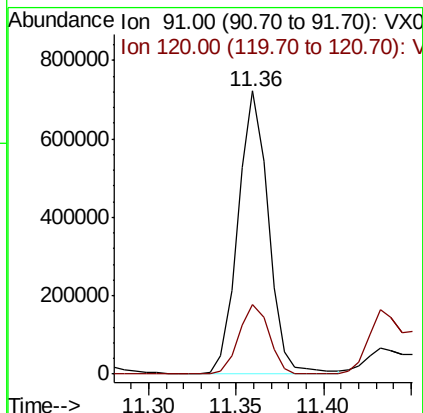
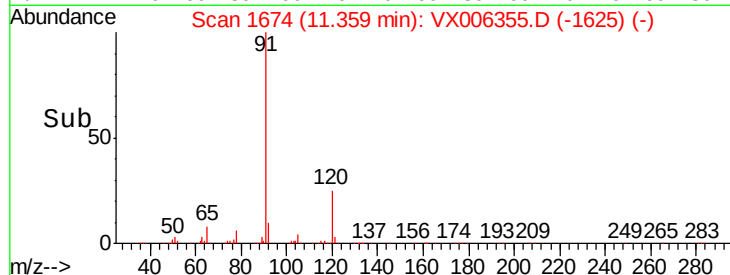
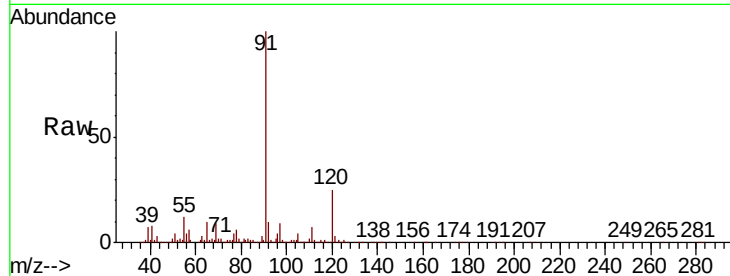
4UST-BASEMEDL

Tot Ion: 91 Resp: 867481

Ion Ratio Lower Upper

91 100

120 24.8 12.7 38.0



#80

1,3,5-Trimethylbenzene

Concen: 17.690 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006355.D

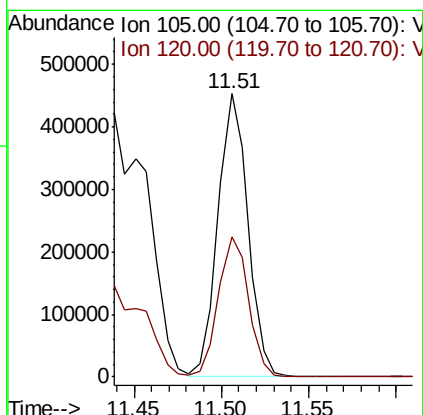
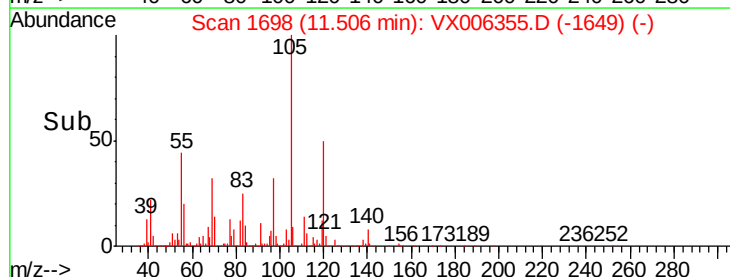
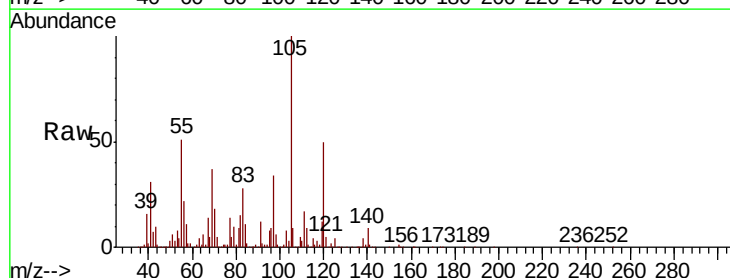
Acq: 07 Dec 2018 18:45

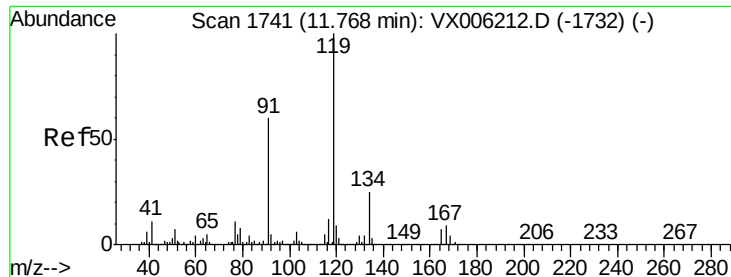
Tgt Ion: 105 Resp: 536310

Ion Ratio Lower Upper

105 100

120 50.4 25.4 76.0

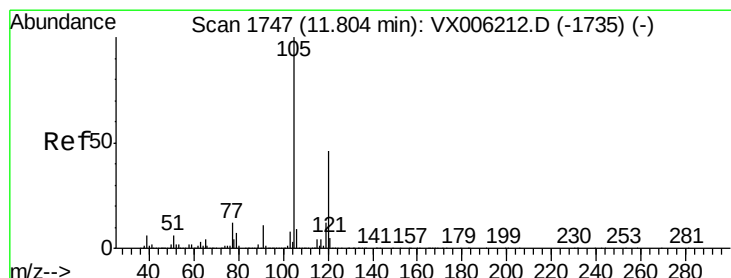
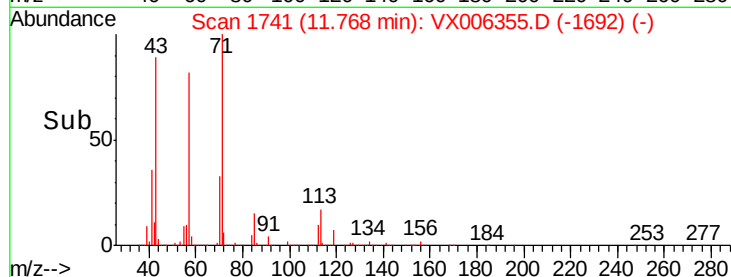
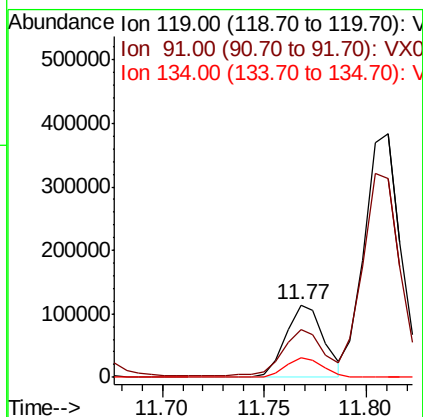
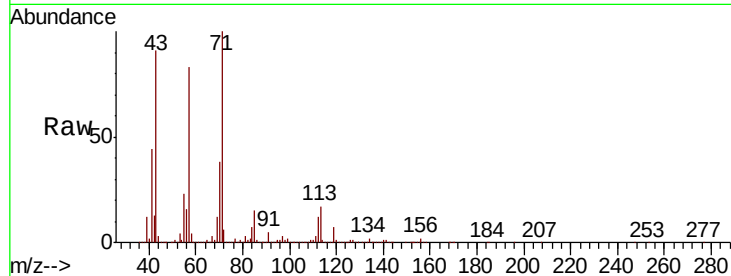




#83
tert-Butylbenzene
Concen: 4.621 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

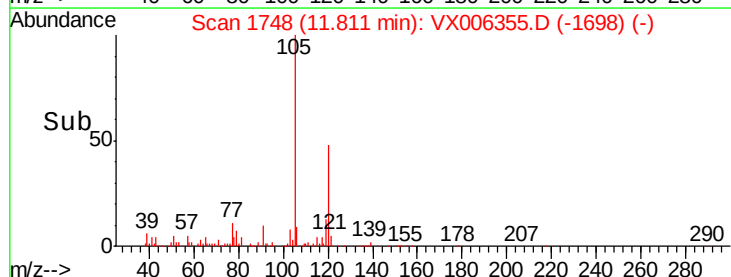
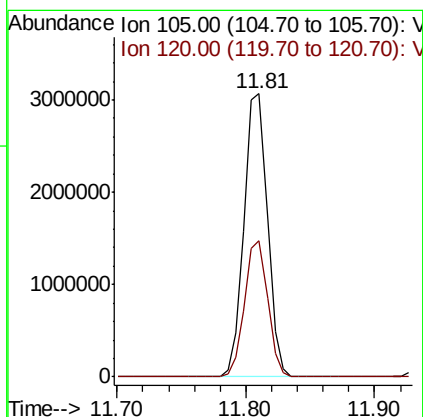
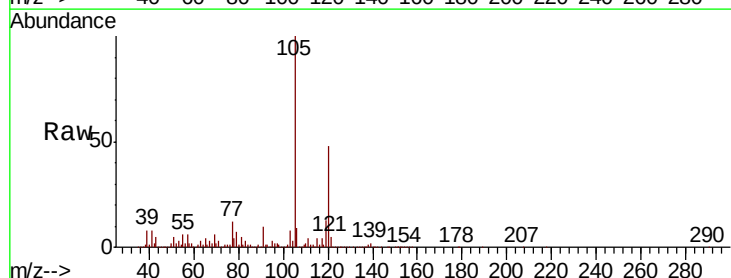
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

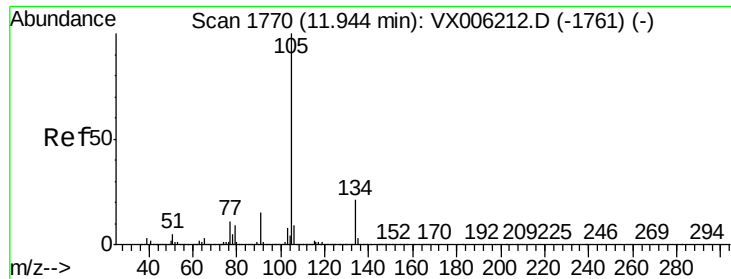
Tot Ion:119 Resp: 149468
Ion Ratio Lower Upper
119 100
91 67.9 26.4 79.2
134 26.3 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 122.666 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Tgt Ion:105 Resp: 3840081
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.0

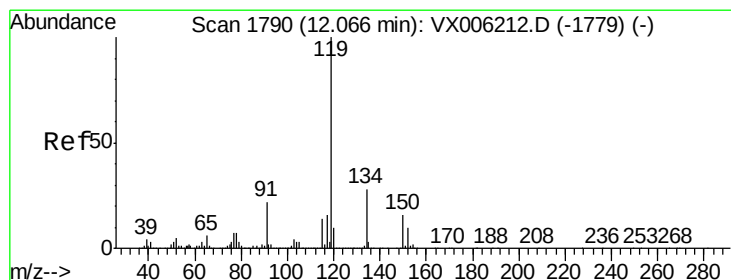
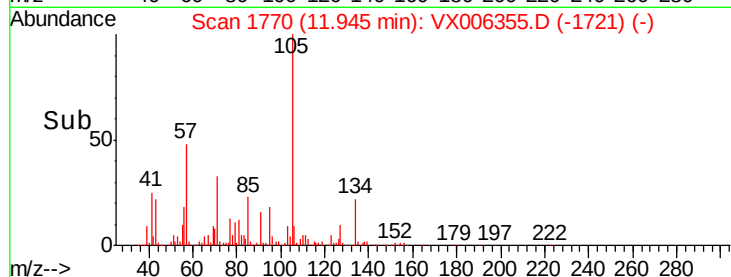
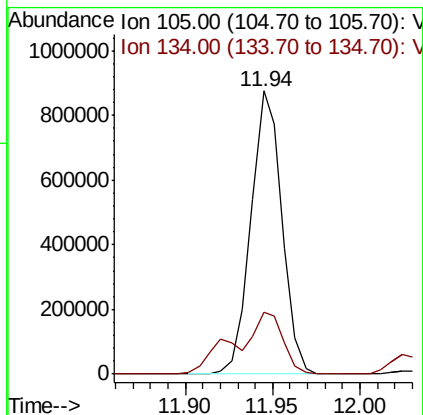
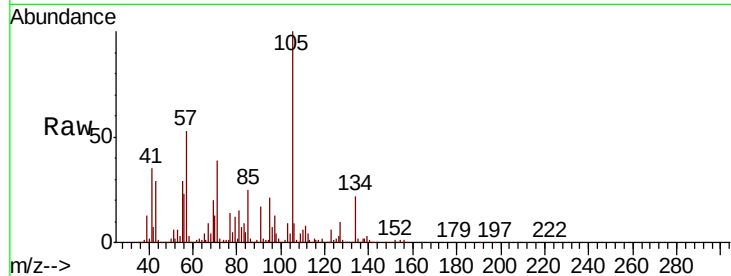




#85
 sec-Butylbenzene
 Concen: 29.396 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006355.D
 Acq: 07 Dec 2018 18:45

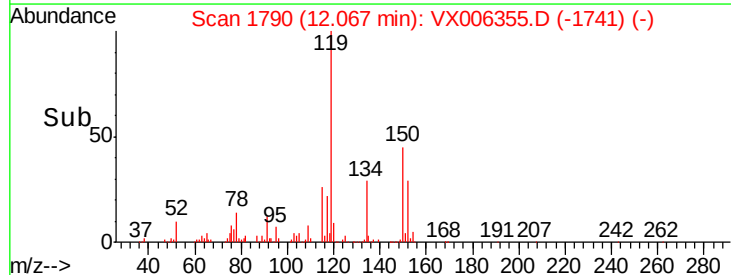
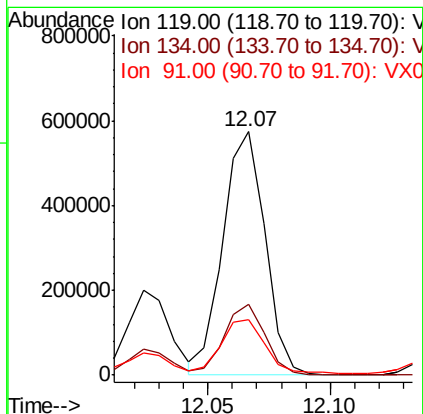
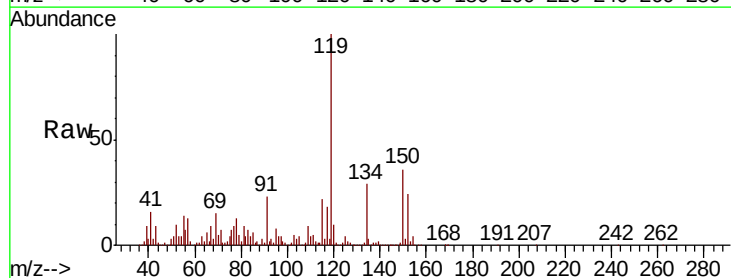
Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-BASEMEDL

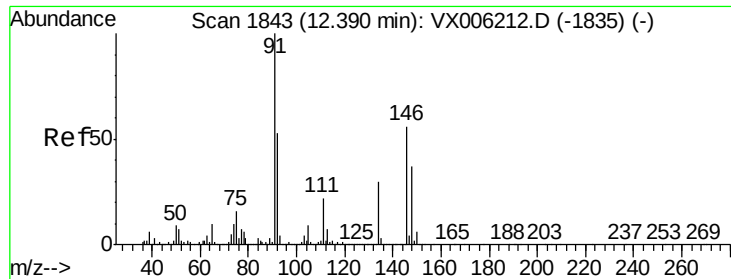
Tot Ion:105 Resp: 1081747
 Ion Ratio Lower Upper
 105 100
 134 33.6 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 20.729 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006355.D
 Acq: 07 Dec 2018 18:45

Tgt Ion:119 Resp: 686888
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.9 41.6
 91 22.4 11.3 33.8

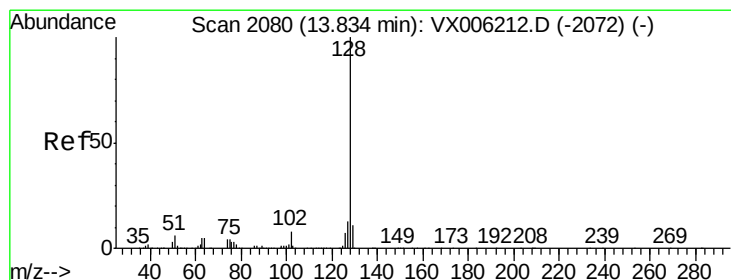
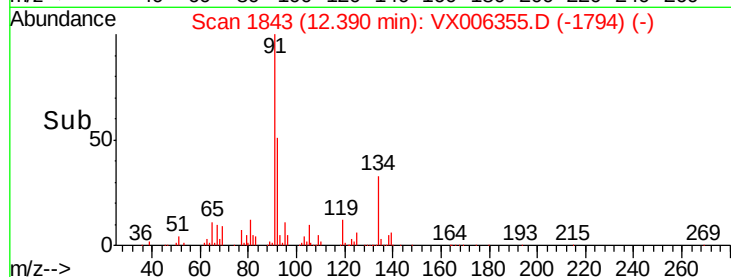
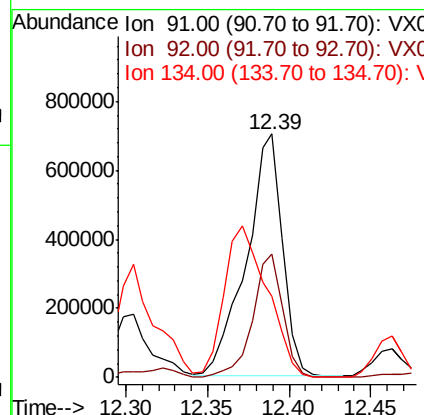
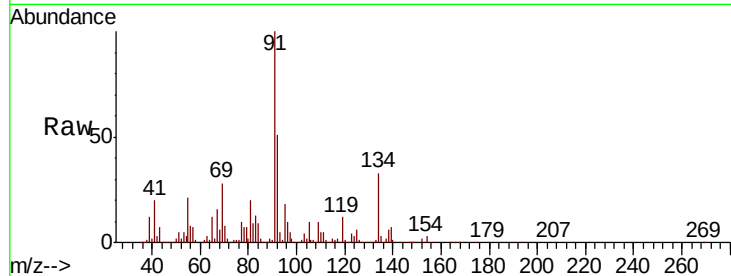




#89
n-Butylbenzene
Concen: 38.196 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

Tot Ion: 91 Resp: 1079932
Ion Ratio Lower Upper
91 100
92 42.2 26.6 79.8
134 74.9 14.8 44.3#



#95
Naphthalene
Concen: 5.155 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Tgt Ion: 128 Resp: 208894
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 15.8 8.9 13.3#

