

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120718\
 Data File : VX006355.D
 Acq On : 07 Dec 2018 18:45
 Operator : JC/MD
 Sample : J6248-07MEDL
 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 00:13:22 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
5) Bromomethane	1.64	94	1333	0.232	ug/l #	55
13) Acrolein	2.31	56	321	0.275	ug/l #	13
16) Acetone	2.45	43	793	0.217	ug/l #	56
20) Methylene Chloride	2.86	84	3103	0.398	ug/l #	82
29) Tetrahydrofuran	5.16	42	730	0.201	ug/l #	31
36) 1,1-Dichloropropene	5.67	75	48921	4.932	ug/l #	48
38) Carbon Tetrachloride	5.66	117	71054	6.089	ug/l #	16
39) Methylcyclohexane	7.45	83	2873	0.223	ug/l #	71
49) 1,4-Dioxane	7.71	88	103	0.464	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	3400	0.315	ug/l #	36
55) 1,1,2-Trichloroethane	9.16	97	32396	4.080	ug/l #	19
56) Ethyl methacrylate	9.16	69	6884	0.555	ug/l #	13
59) 2-Hexanone	9.44	43	177473	21.545	ug/l #	29
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
70) Styrene	10.70	104	5143	0.212	ug/l #	1
73) Isopropylbenzene	11.02	105	324338	8.901	ug/l	99
74) N-amyl acetate	10.91	43	493119	31.427	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	427035	36.633	ug/l #	31
76) 1,2,3-Trichloropropane	11.43	75	7512	0.738	ug/l #	1
78) n-propylbenzene	11.36	91	867481	21.417	ug/l	99
79) 2-Chlorotoluene	11.67	91	44286	1.840	ug/l	88
80) 1,3,5-Trimethylbenzene	11.51	105	536310	17.690	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	220860	50.893	ug/l #	24
82) 4-Chlorotoluene	11.67	91	45115	1.612	ug/l	95
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
90) Hexachloroethane	12.58	117	119286	17.663	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	12323	4.124	ug/l #	1
95) Naphthalene	13.83	128	208894	5.155	ug/l #	93

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

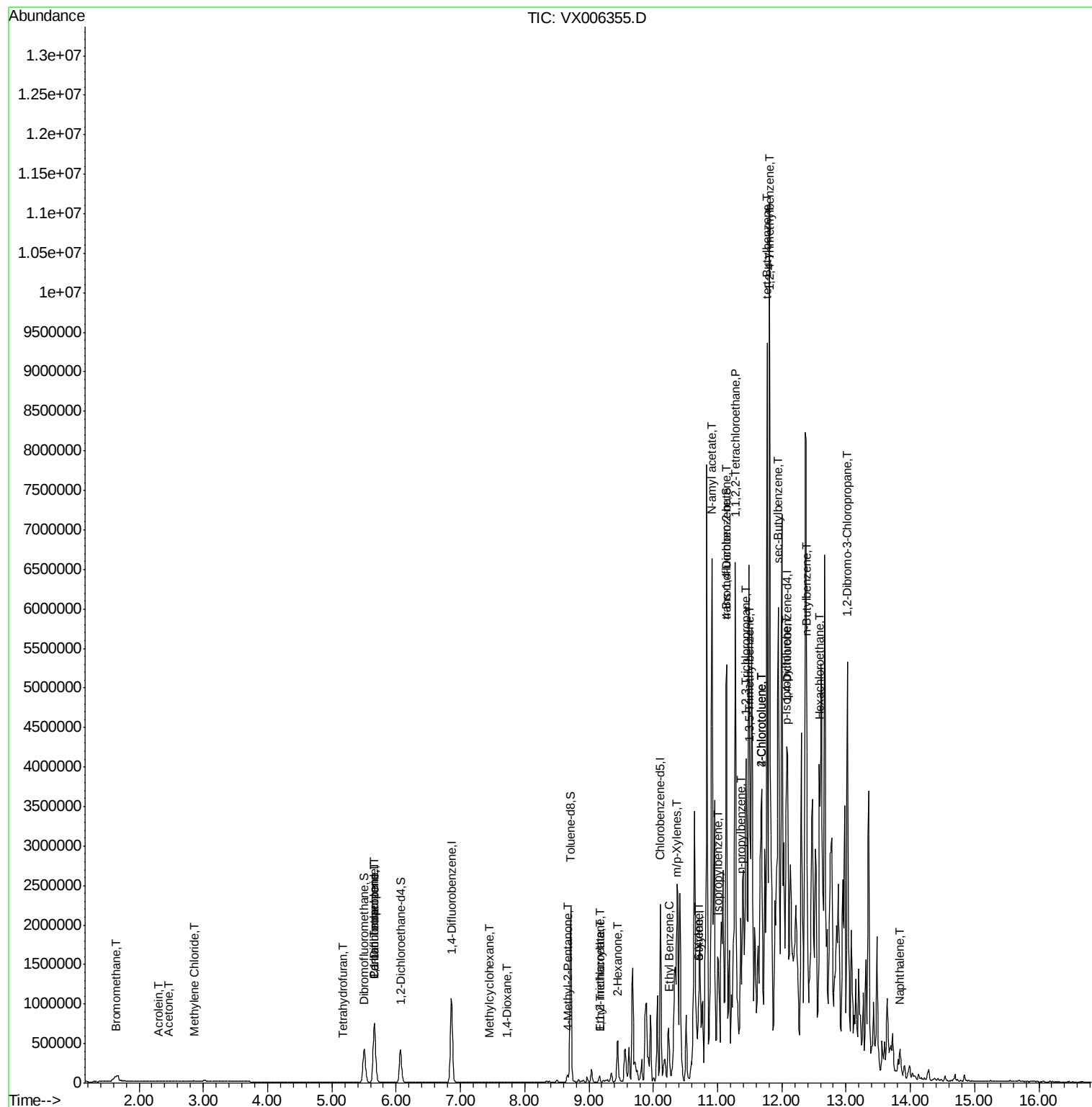
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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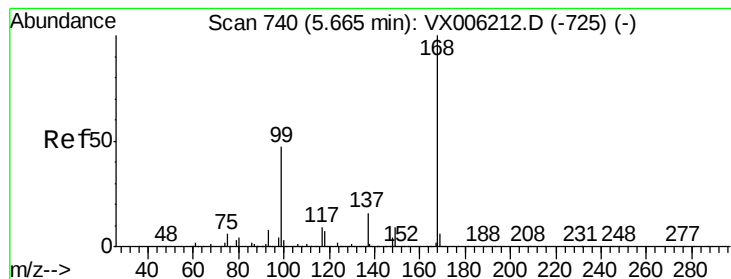
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

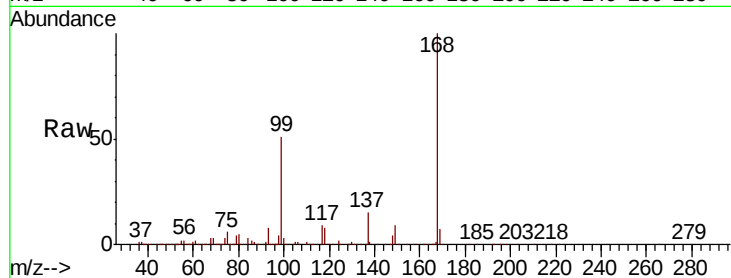
4UST-BASEMEDL

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

5.66

300000

250000

200000

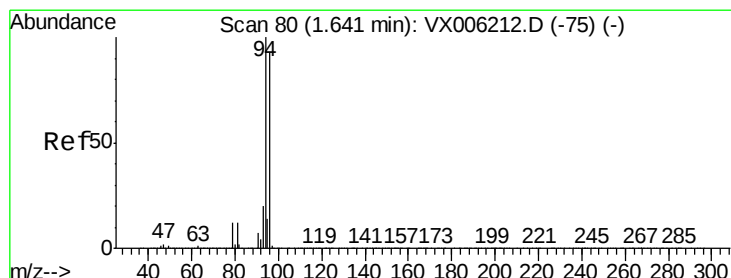
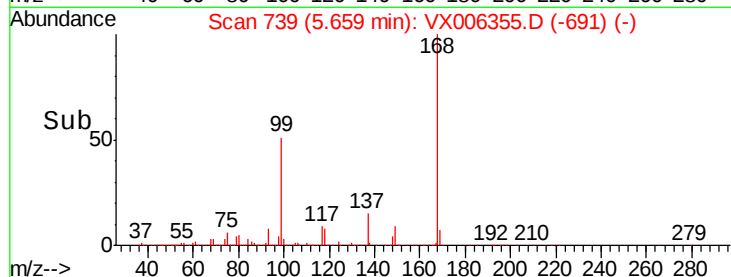
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.232 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006355.D

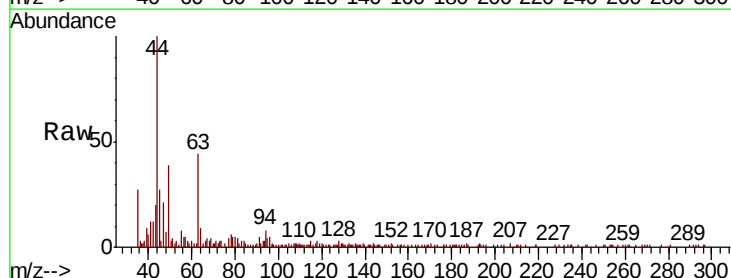
Acq: 07 Dec 2018 18:45

Tgt Ion: 94 Resp: 1333

Ion Ratio Lower Upper

94 100

96 49.5 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

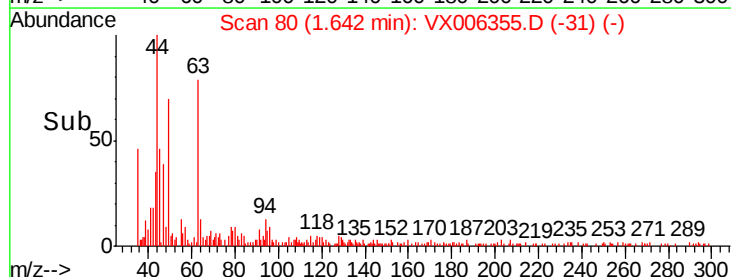
600

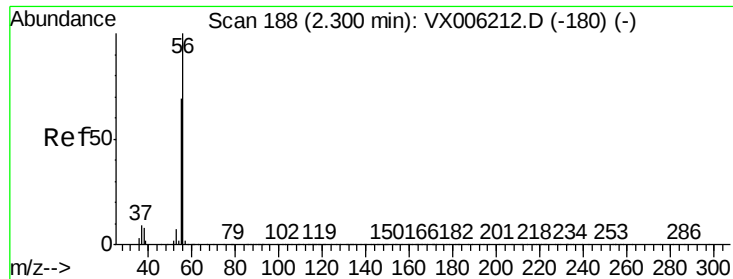
400

200

0

Time--> 1.60 1.65





#13

Acrolein

Concen: 0.275 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

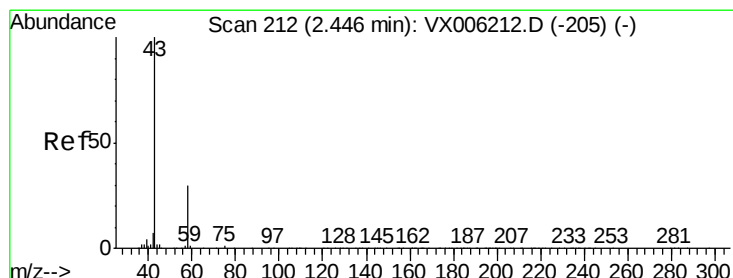
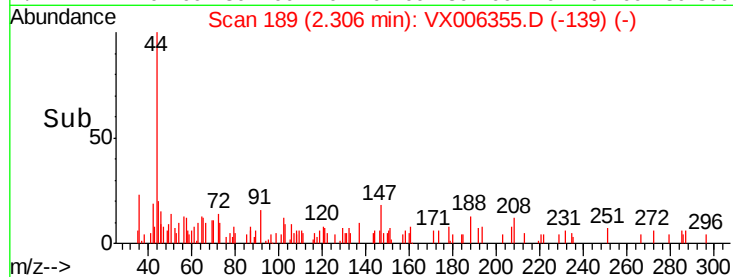
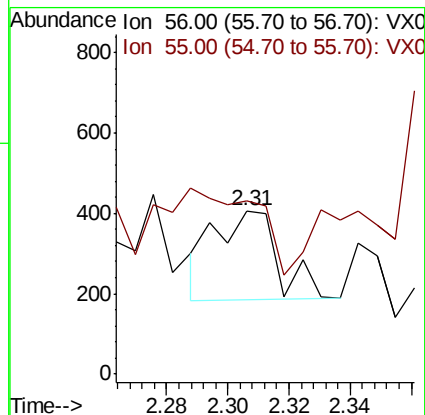
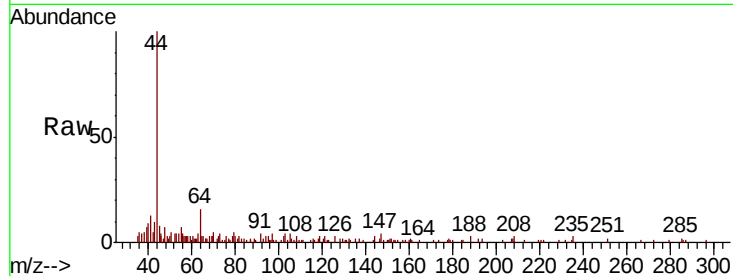
4UST-BASEMEDL

Tot Ion: 56 Resp: 321

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



#16

Acetone

Concen: 0.217 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006355.D

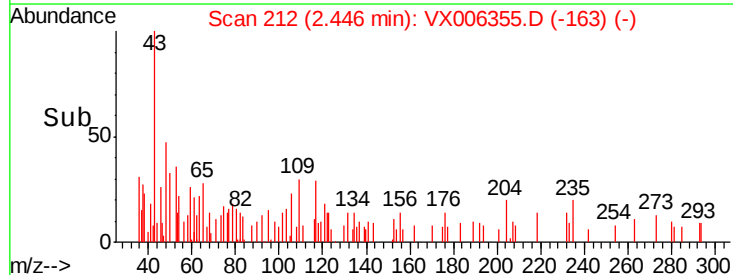
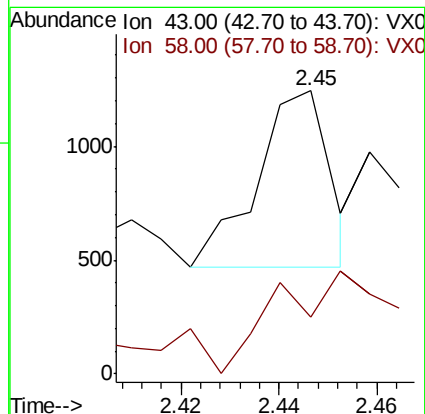
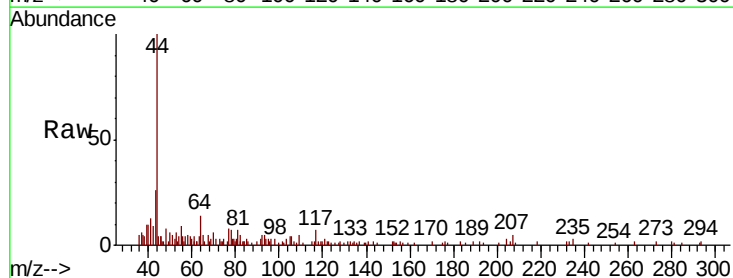
Acq: 07 Dec 2018 18:45

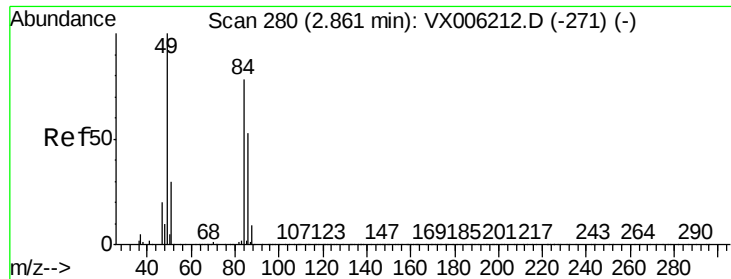
Tgt Ion: 43 Resp: 793

Ion Ratio Lower Upper

43 100

58 6.3 24.0 36.0#

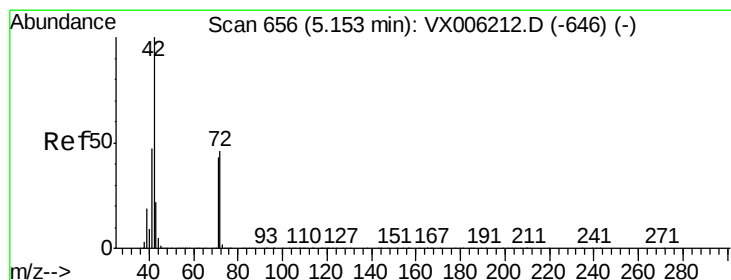
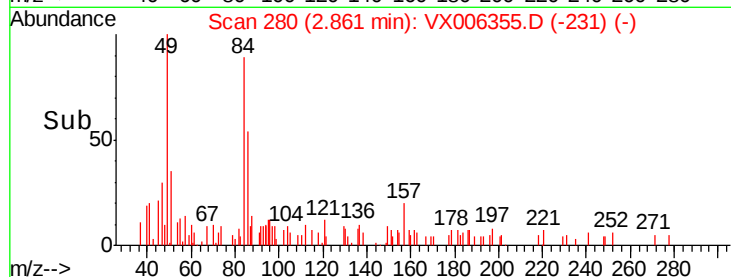
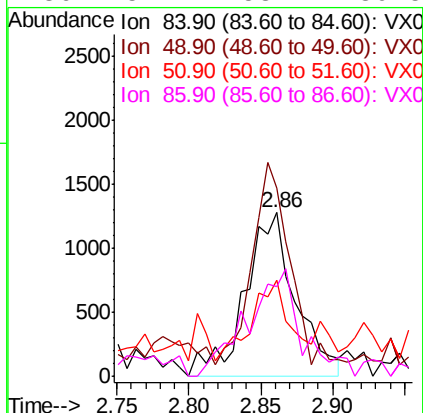
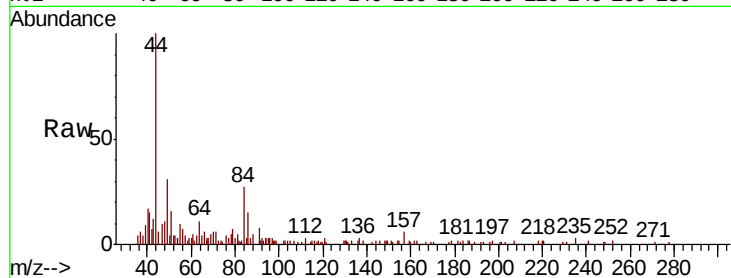




#20
Methvlene Chloride
Concen: 0.398 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

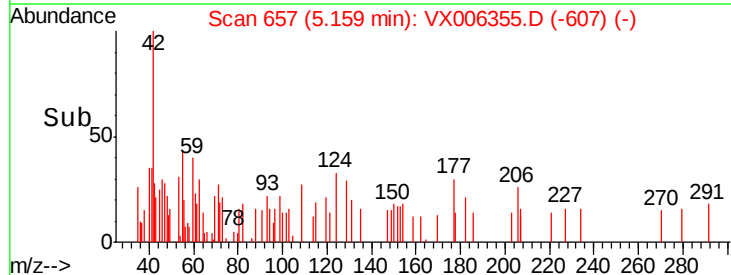
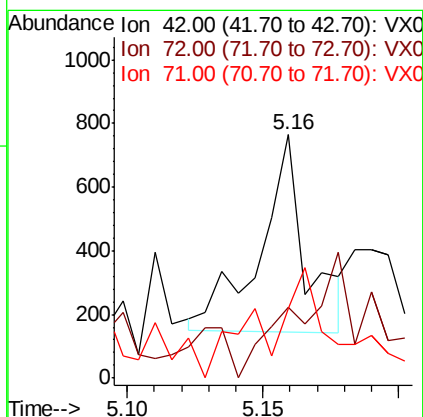
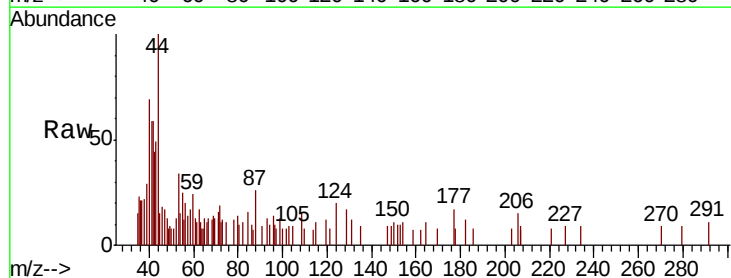
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

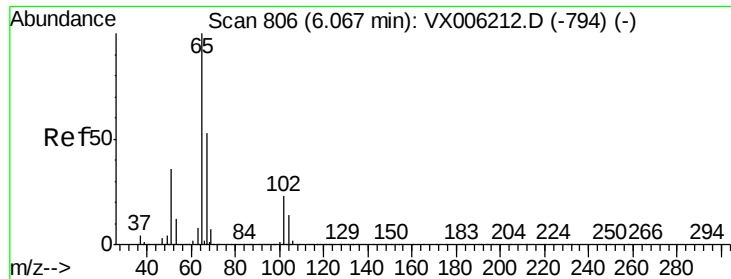
Tot Ion: 84 Resp: 3103
Ion Ratio Lower Upper
84 100
49 105.1 102.2 153.4
51 49.5 31.1 46.7#
86 54.7 53.7 80.5



#29
Tetrahydrofuran
Concen: 0.201 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Tgt Ion: 42 Resp: 730
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.8#
71 87.9 35.2 52.8#





#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

Instrument :

MSVOA_X

ClientSampleId :

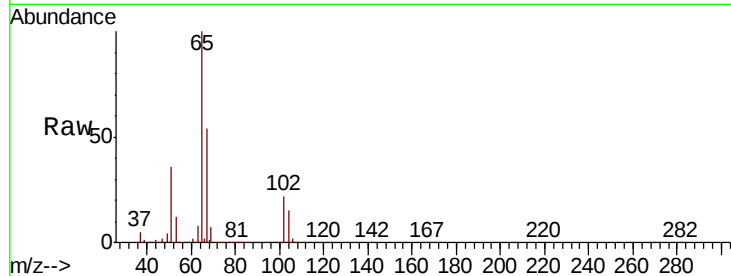
4UST-BASEMEDL

Tot 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

6.07

150000

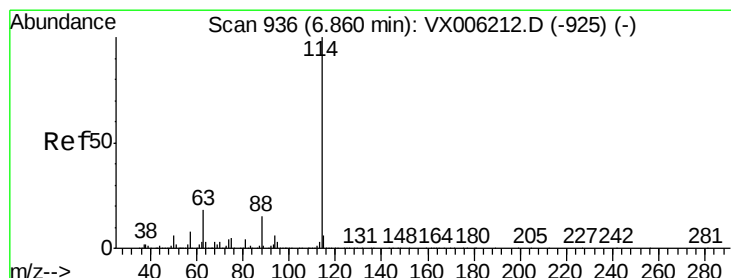
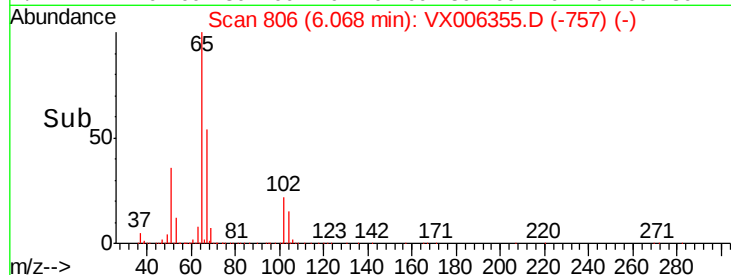
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#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

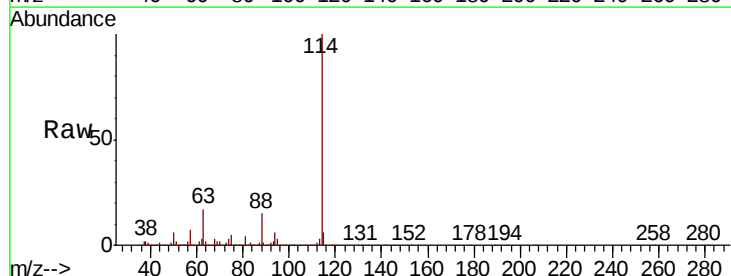
Tgt Ion: 114 Resp: 1177941

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

6.86

600000

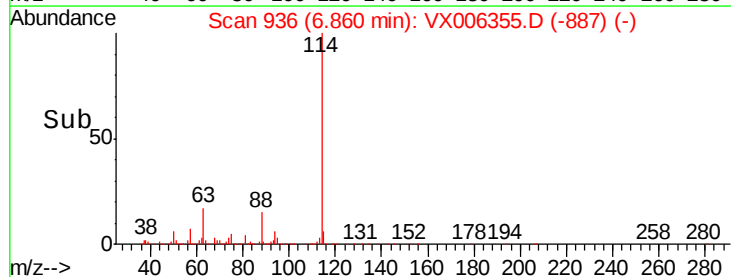
400000

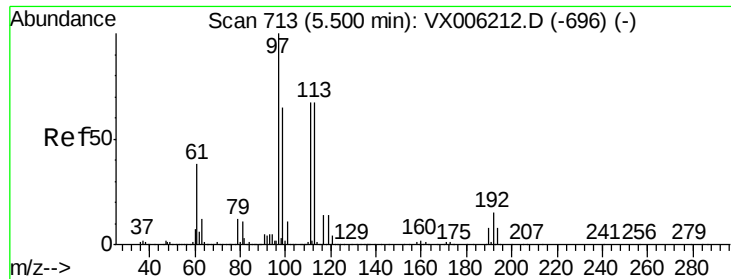
200000

0

Time-->

6.70 6.80 6.90 7.00





#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

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEMEDL

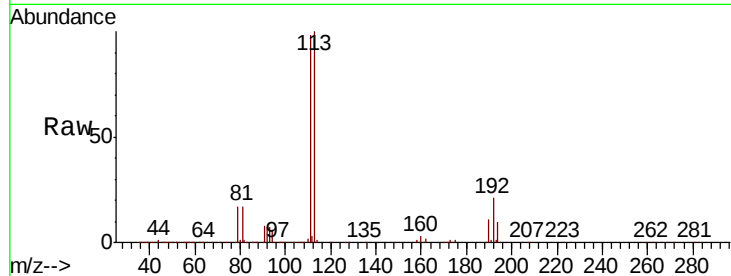
Tot Ion:113 Resp: 365525

Ion Ratio Lower Upper

113 100

111 100.2 81.1 121.7

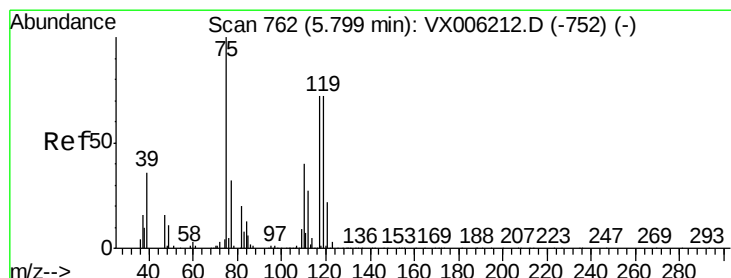
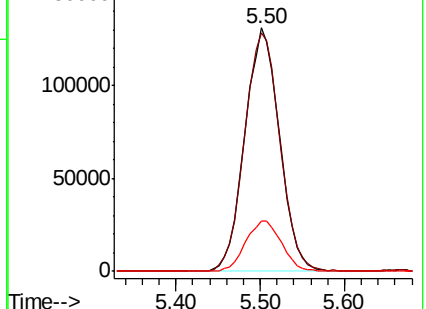
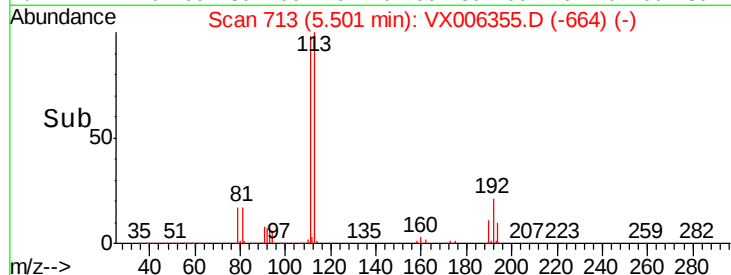
192 21.5 18.2 27.2



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



#36

1,1-Dichloropropene

Concen: 4.932 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

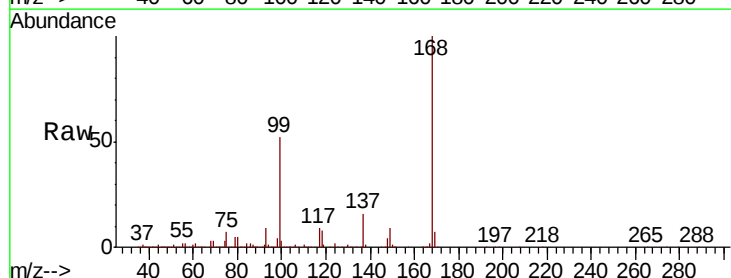
Tgt Ion: 75 Resp: 48921

Ion Ratio Lower Upper

75 100

110 10.7 20.4 61.3#

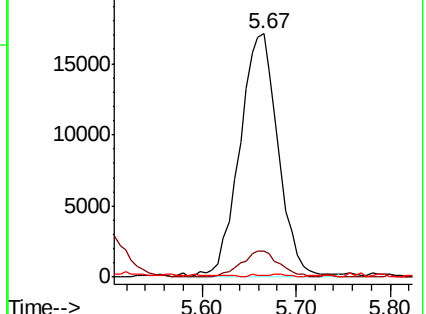
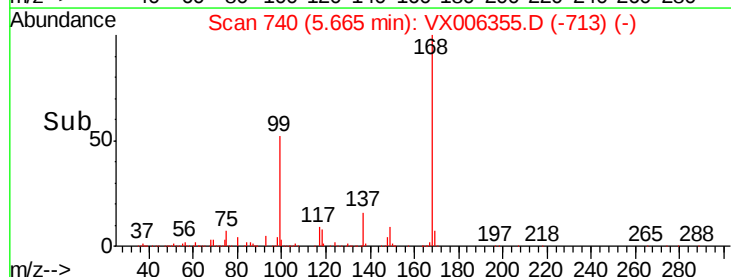
77 0.4 24.9 37.3#

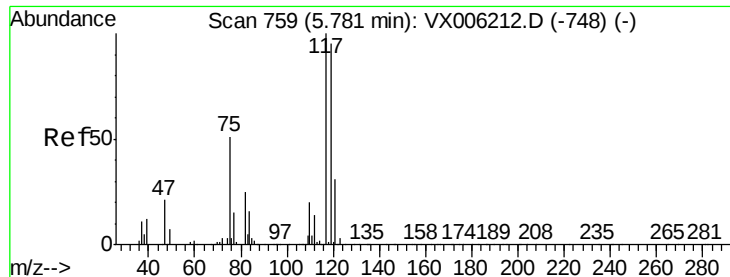


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

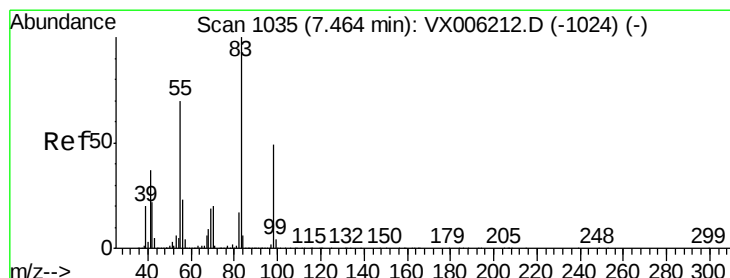
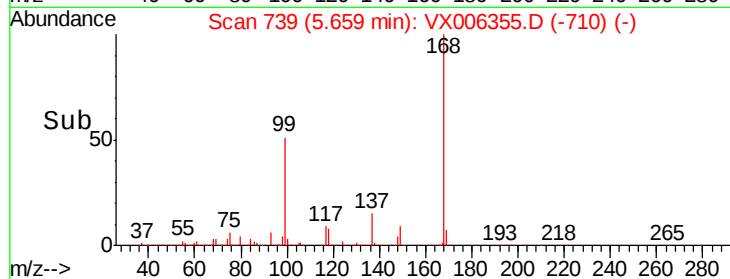
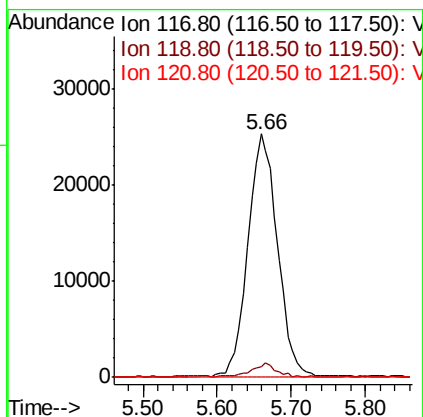
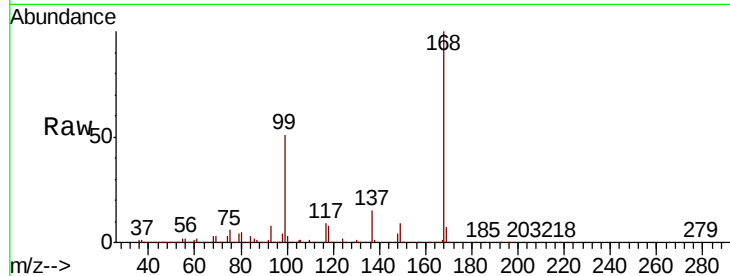




#38
Carbon Tetrachloride
Concen: 6.089 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

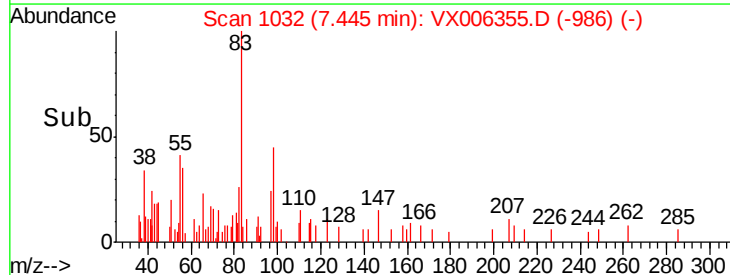
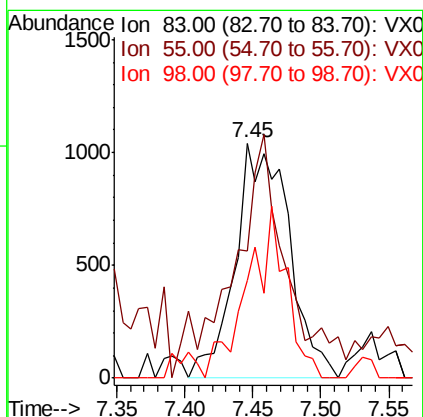
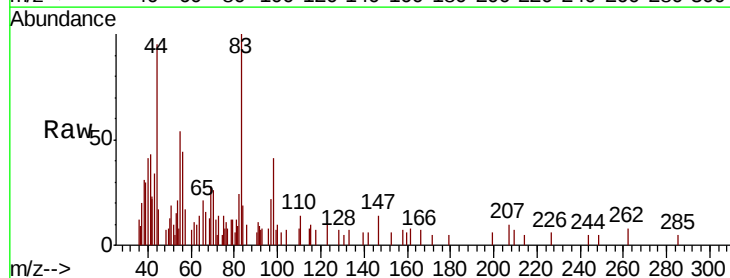
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

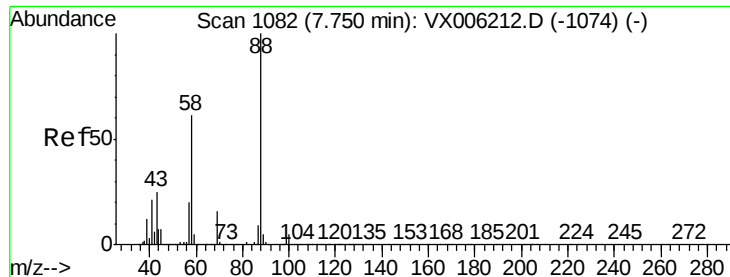
Tot Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.8#
121	0.3	24.6	37.0#



#39
Methylcyclohexane
Concen: 0.223 ug/l
RT: 7.45 min Scan# 1032
Delta R.T. -0.02 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Tgt Ion	Ratio	Lower	Upper
83	100		
55	36.4	56.4	84.6#
98	41.4	39.0	58.6

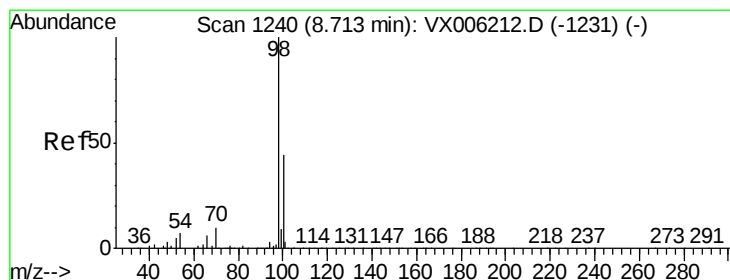
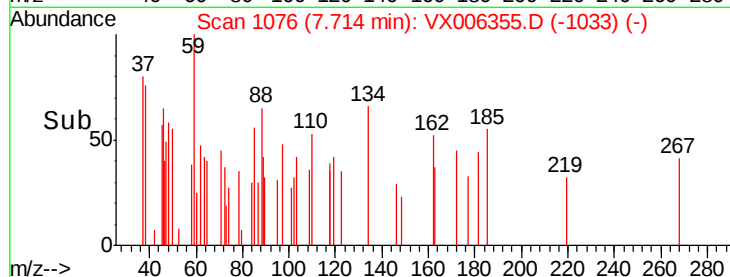
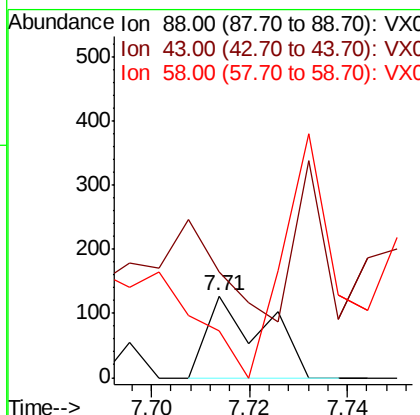
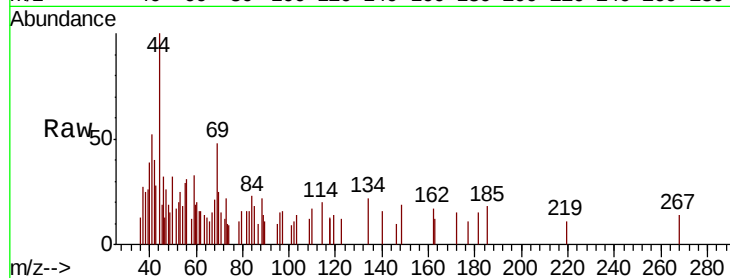




#49
1,4-Dioxane
Concen: 0.464 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.04 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

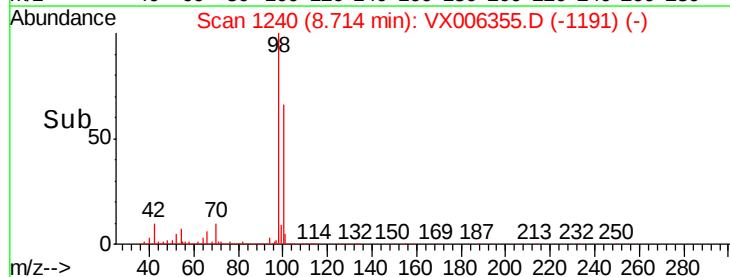
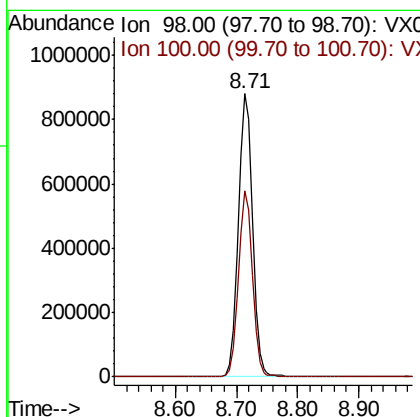
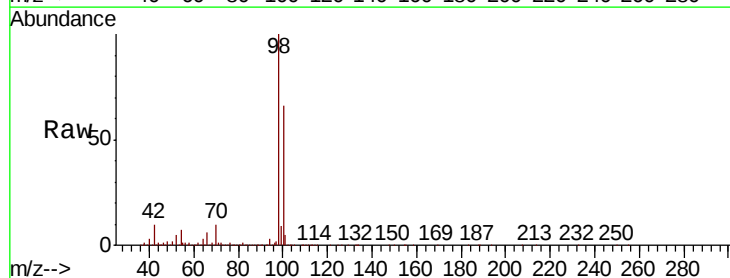
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

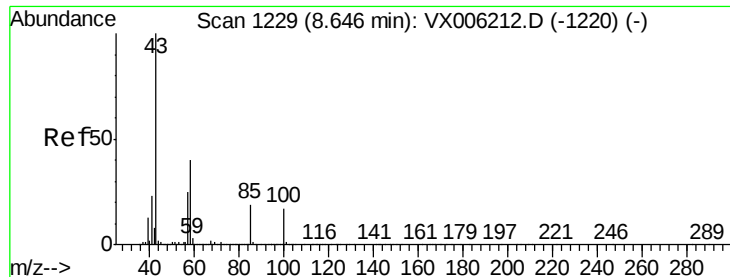
Tot Ion: 88 Resp: 103
Ion Ratio Lower Upper
88 100
43 158.3 23.2 34.8#
58 0.0 51.4 77.0#



#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

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





#51

4-Methyl-2-Pentanone

Concen: 0.315 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

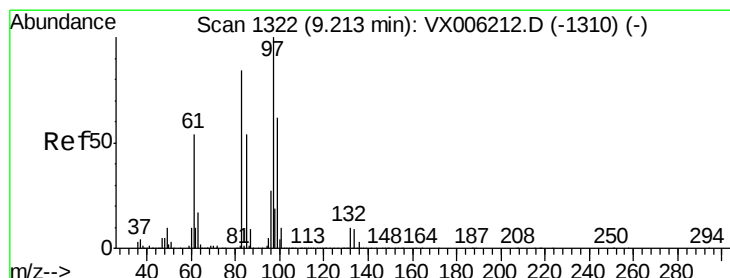
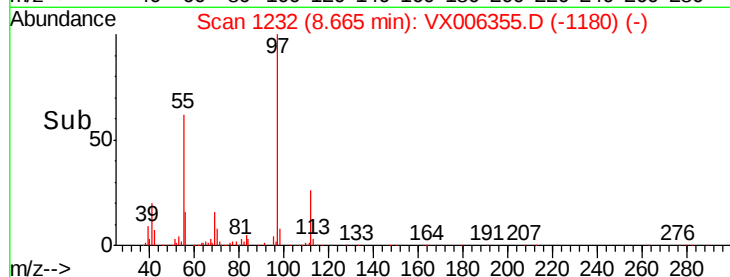
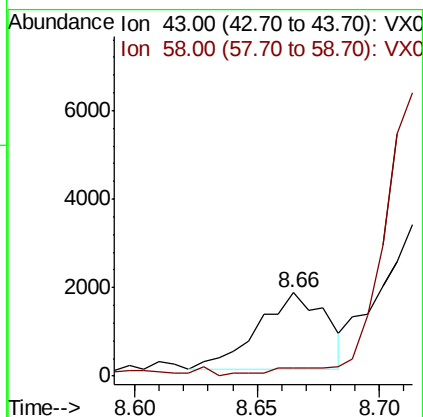
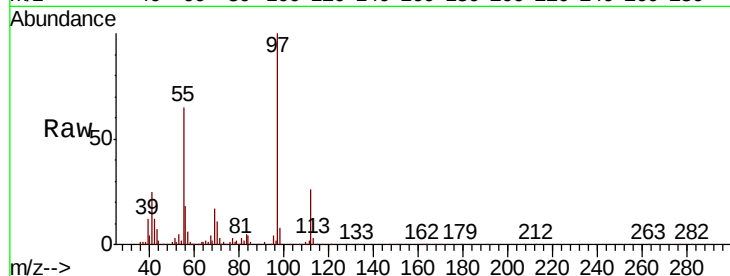
4UST-BASEMEDL

Tot Ion: 43 Resp: 3400

Ion Ratio Lower Upper

43 100

58 0.0 31.3 46.9#



#55

1,1,2-Trichloroethane

Concen: 4.080 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Tgt Ion: 97 Resp: 32396

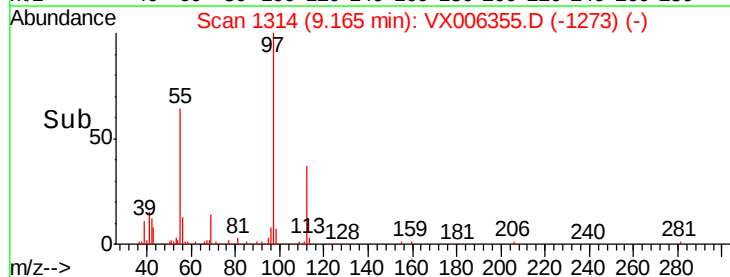
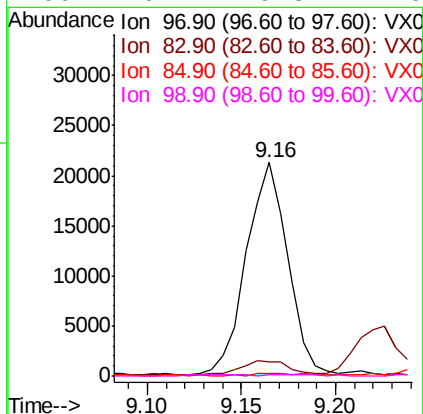
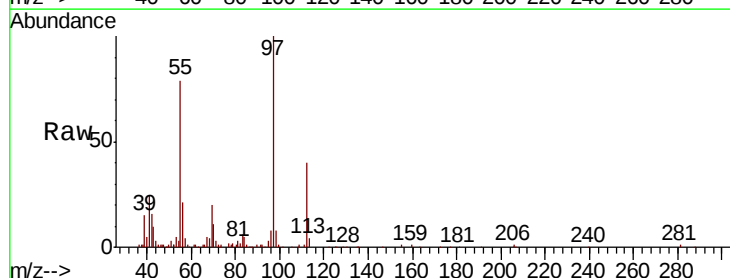
Ion Ratio Lower Upper

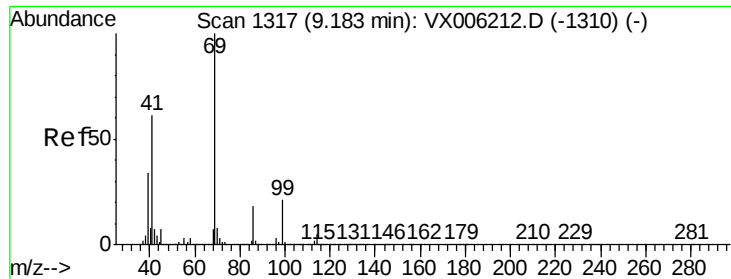
97 100

83 6.0 67.1 100.7#

85 1.0 43.2 64.8#

99 0.2 49.8 74.6#





#56

Ethyl methacrylate

Concen: 0.555 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEMEDL

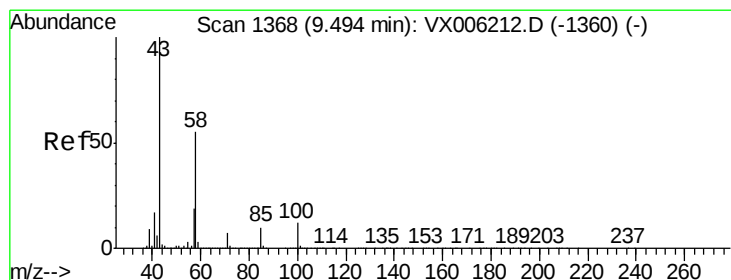
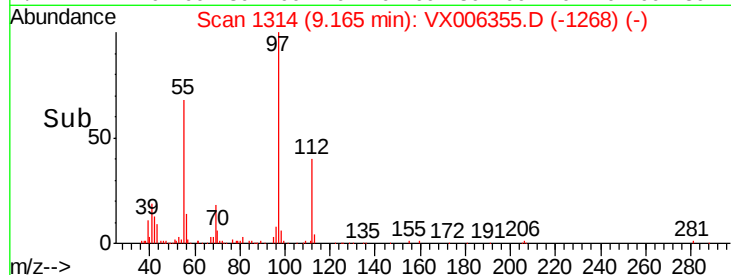
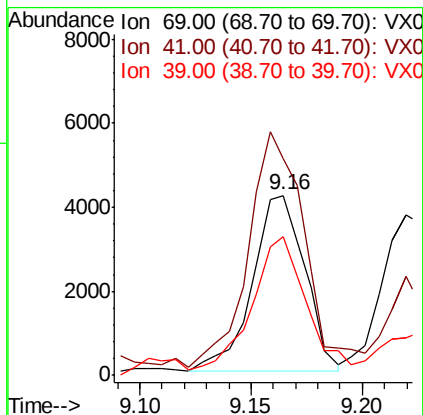
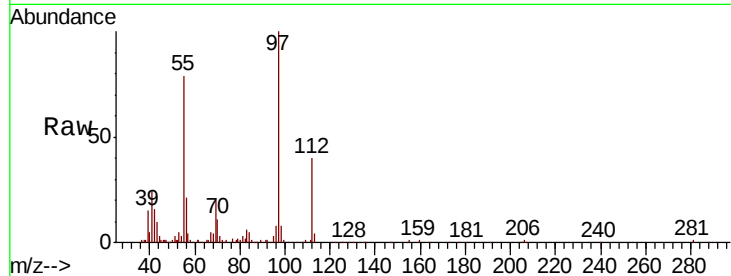
Tot Ion: 69 Resp: 6884

Ion Ratio Lower Upper

69 100

41 137.4 50.6 76.0#

39 75.4 27.6 41.4#



#59

2-Hexanone

Concen: 21.545 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX006355.D

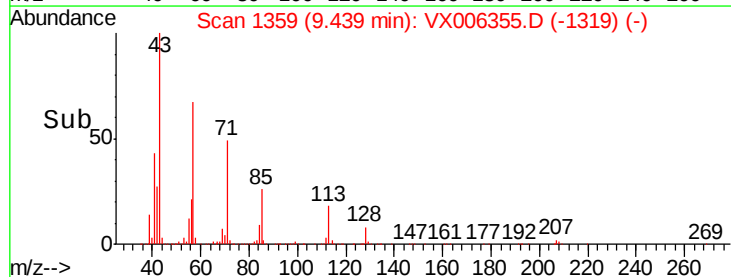
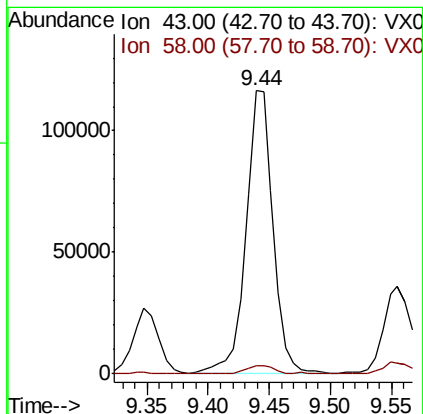
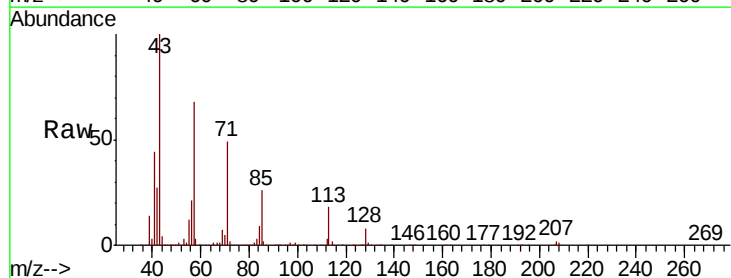
Acq: 07 Dec 2018 18:45

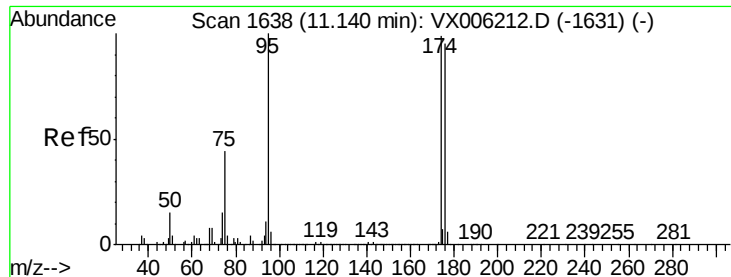
Tgt Ion: 43 Resp: 177473

Ion Ratio Lower Upper

43 100

58 3.7 27.7 83.1#





#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

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEMEDL

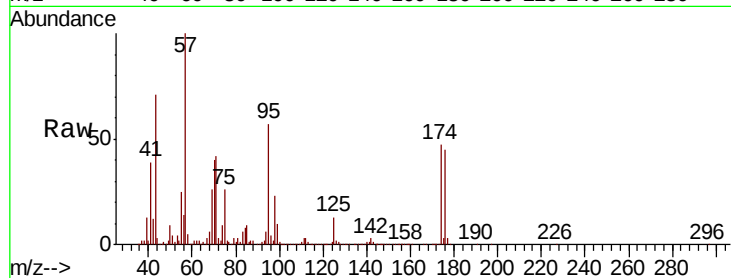
Tot Ion: 95 Resp: 530236

Ion Ratio Lower Upper

95 100

174 82.3 0.0 187.0

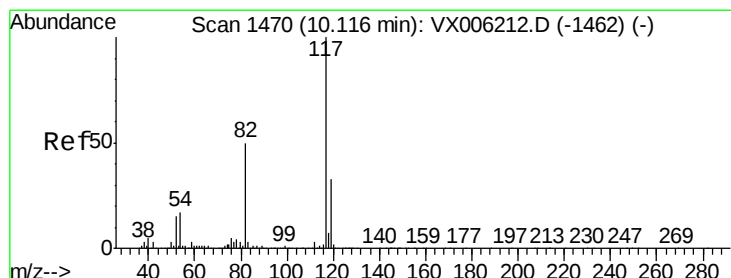
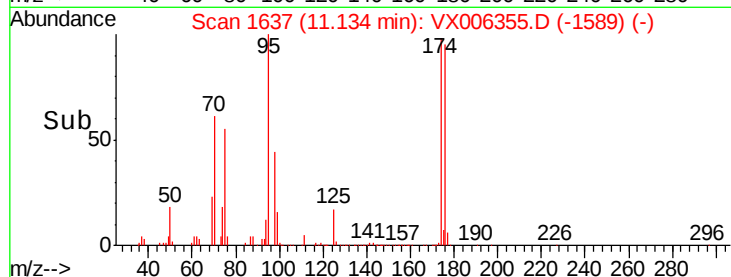
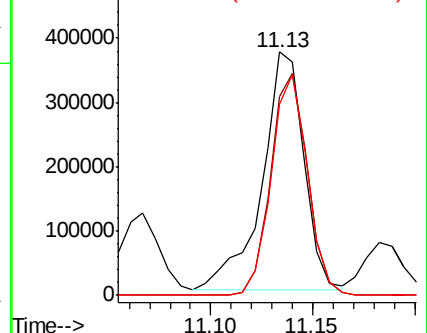
176 80.7 0.0 181.8



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: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

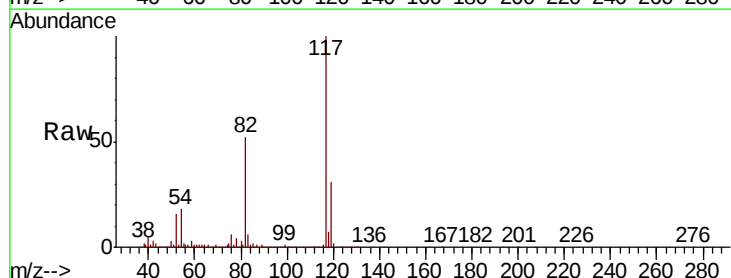
Tgt Ion: 117 Resp: 1073440

Ion Ratio Lower Upper

117 100

82 50.8 39.6 59.4

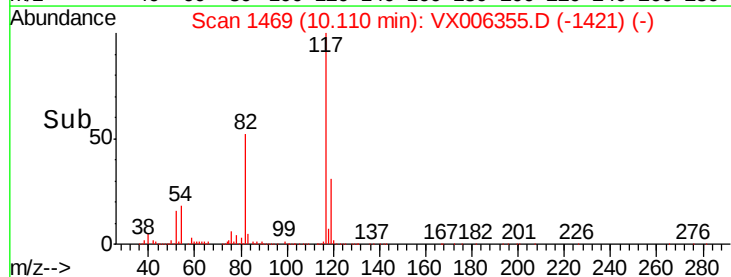
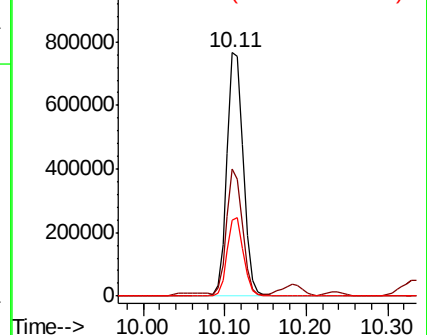
119 31.3 26.3 39.5

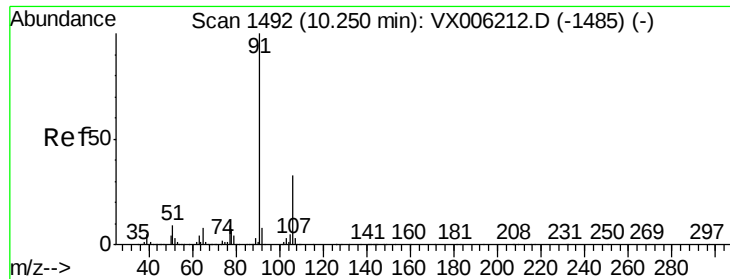


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 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

Instrument :

MSVOA_X

ClientSampleId :

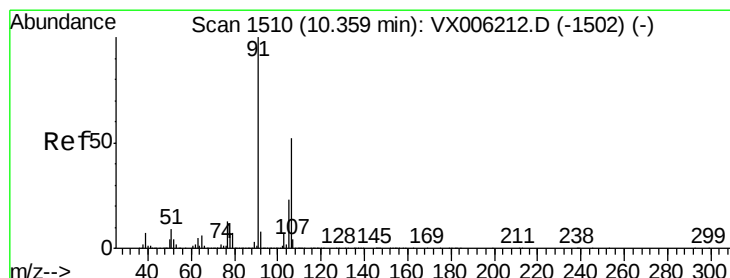
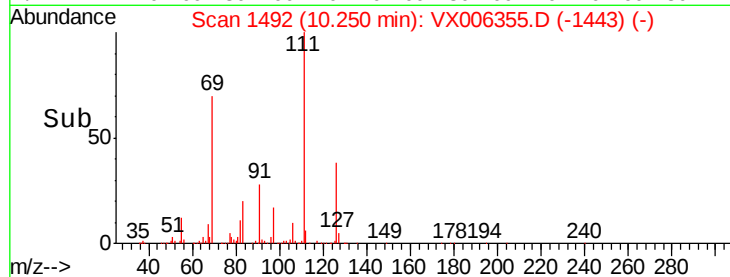
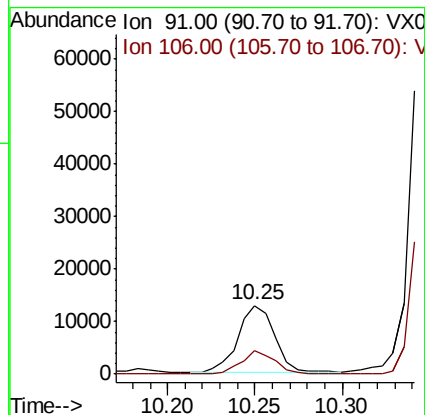
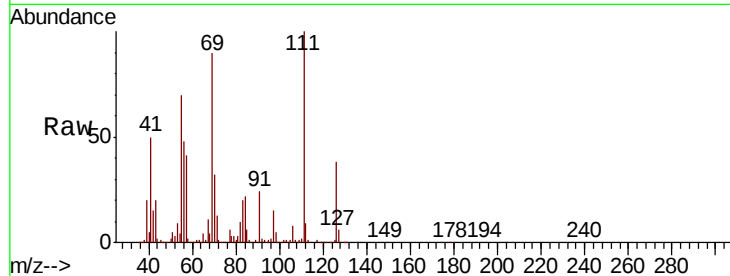
4UST-BASEMEDL

Tot 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

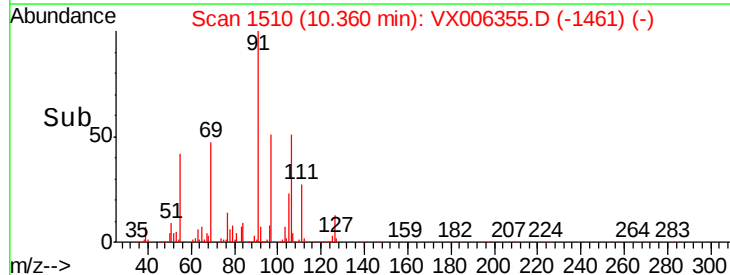
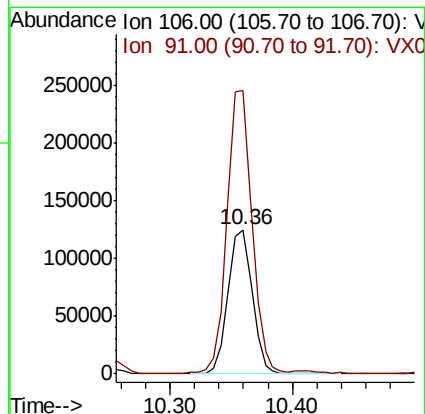
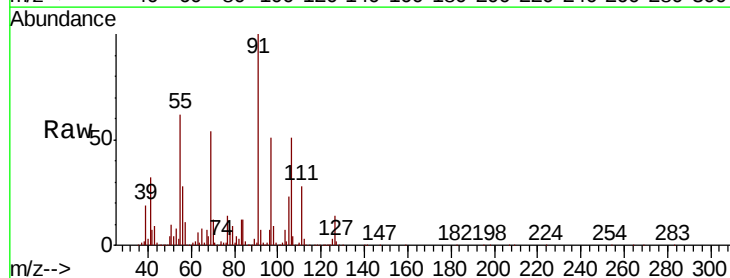
Acq: 07 Dec 2018 18:45

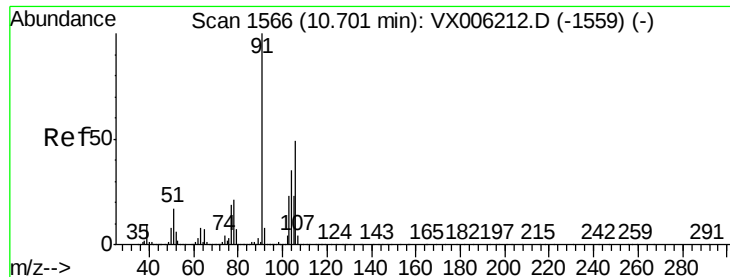
Tgt Ion: 106 Resp: 172212

Ion Ratio Lower Upper

106 100

91 200.9 155.2 232.8

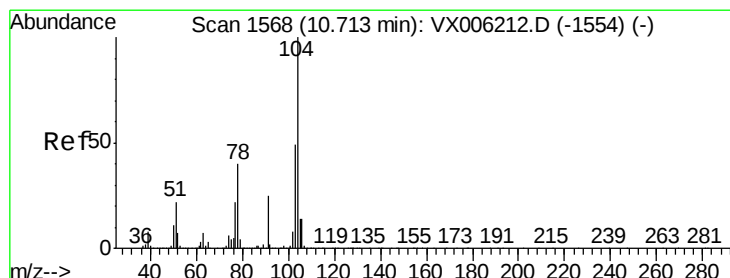
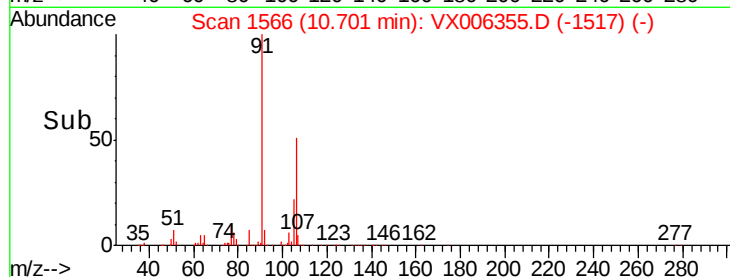
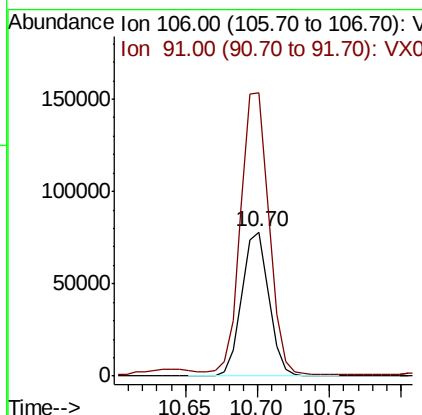
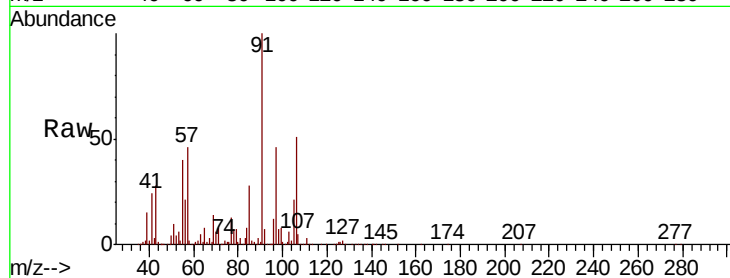




#69
o-Xylene
Concen: 6.790 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

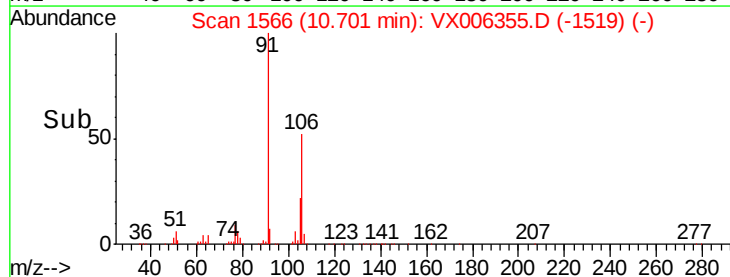
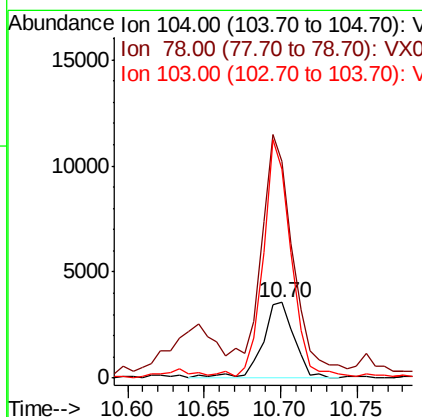
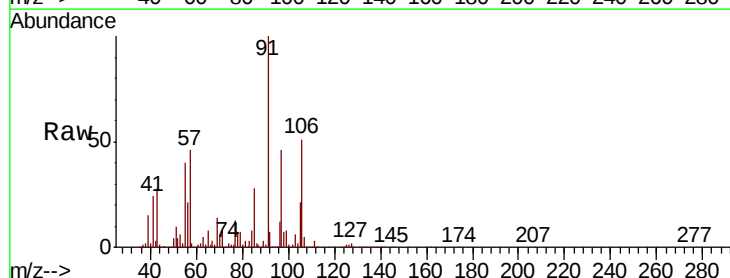
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

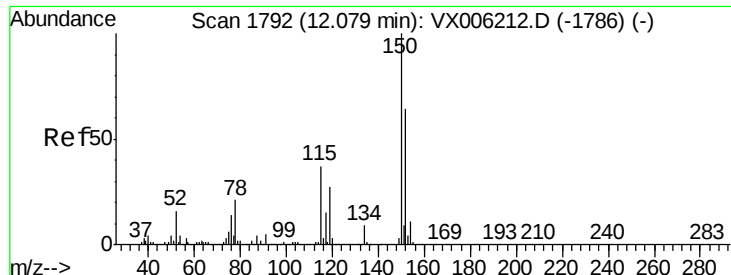
Tot Ion:106 Resp: 101812
Ion Ratio Lower Upper
106 100
91 204.2 101.8 305.6



#70
Styrene
Concen: 0.212 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Tgt Ion:104 Resp: 5143
Ion Ratio Lower Upper
104 100
78 314.3 37.2 55.8#
103 274.1 43.5 65.3#





#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

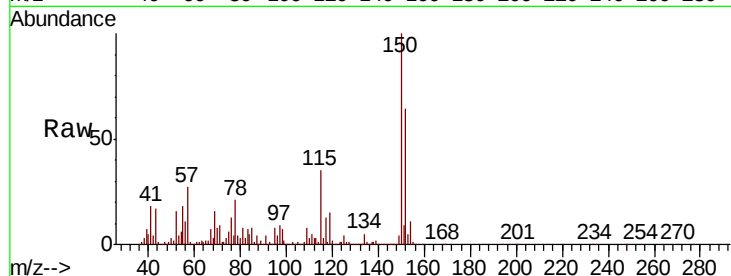
Tot Ion:152 Resp: 527631

Ion Ratio Lower Upper

152 100

115 62.2 39.0 116.9

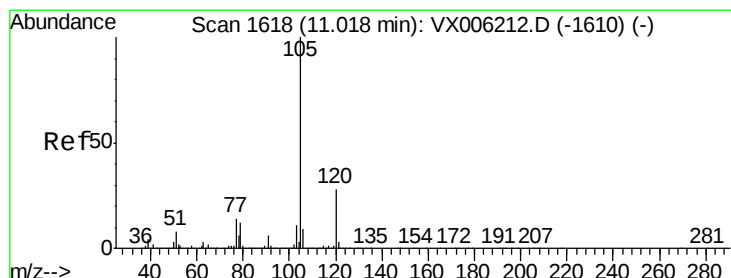
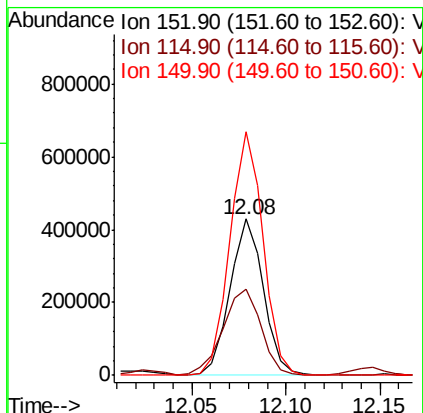
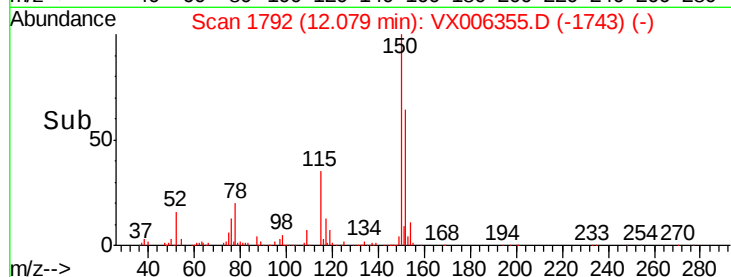
150 154.6 0.0 345.8



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

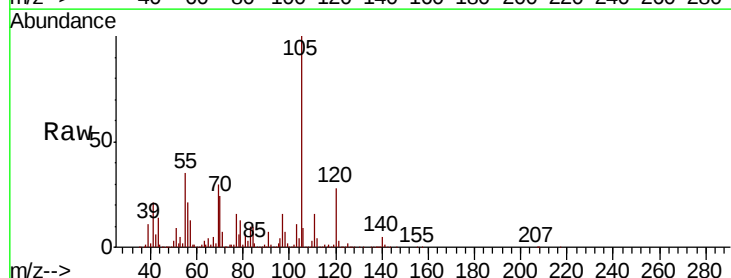
Acq: 07 Dec 2018 18:45

Tgt Ion:105 Resp: 324338

Ion Ratio Lower Upper

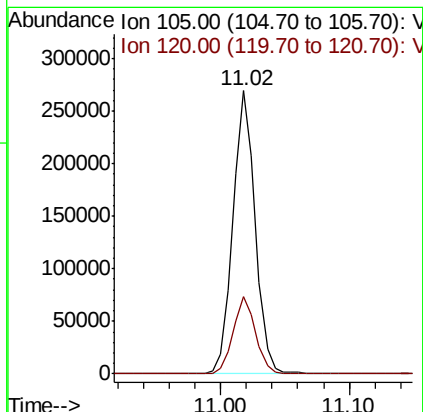
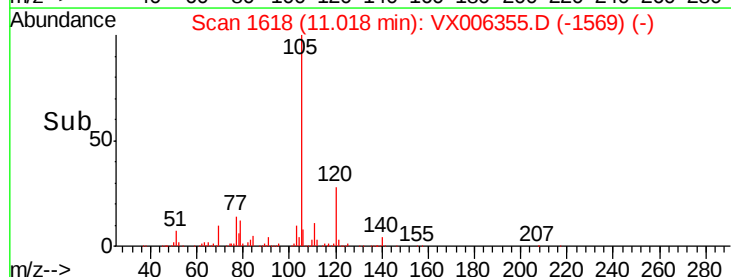
105 100

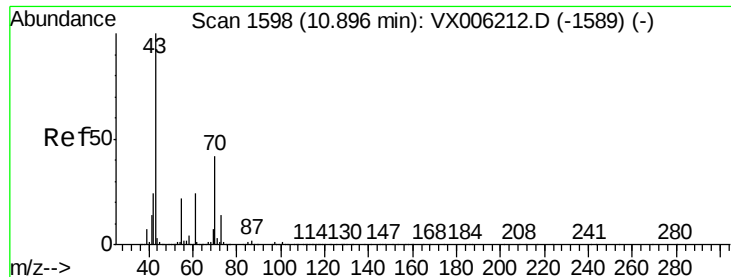
120 27.5 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 31.427 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEMEDL

Tot Ion: 43 Resp: 493119

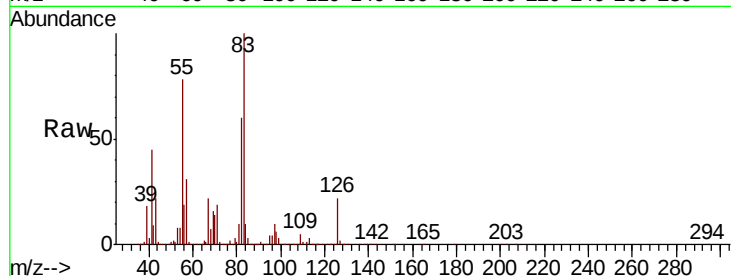
Ion Ratio Lower Upper

43 100

70 80.8 34.1 51.1#

55 310.0 17.8 26.8#

61 0.1 19.7 29.5#

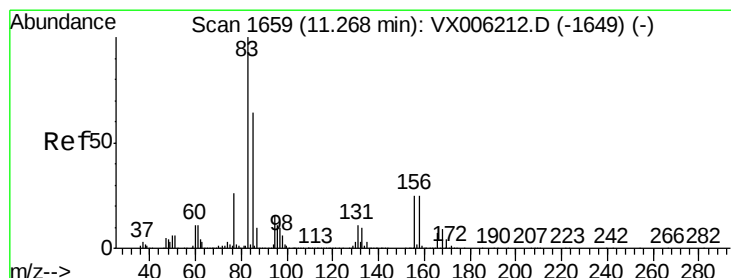
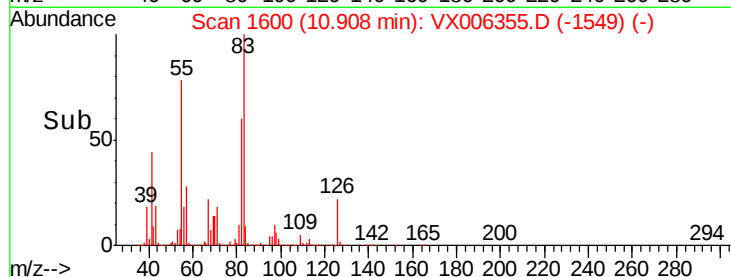
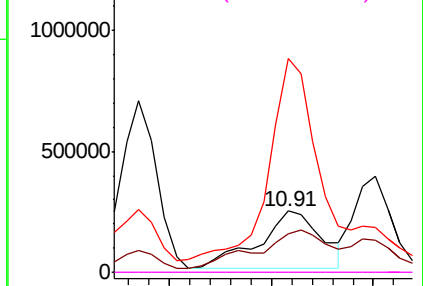


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 36.633 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

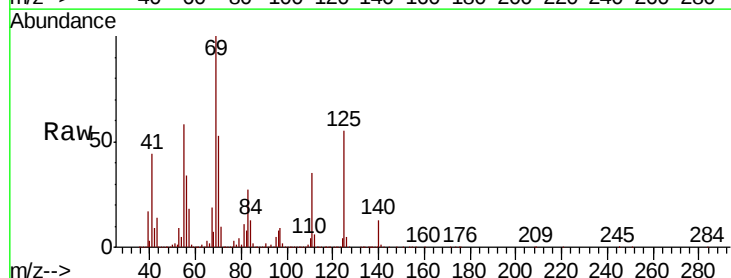
Tgt Ion: 83 Resp: 427035

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

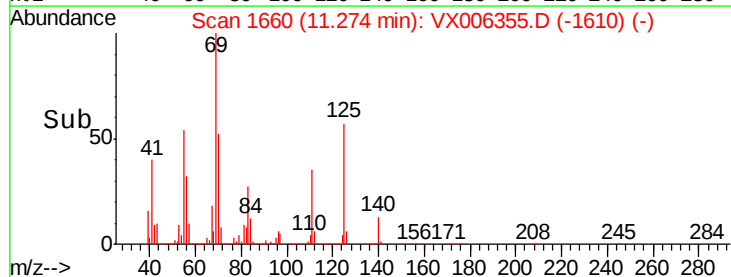
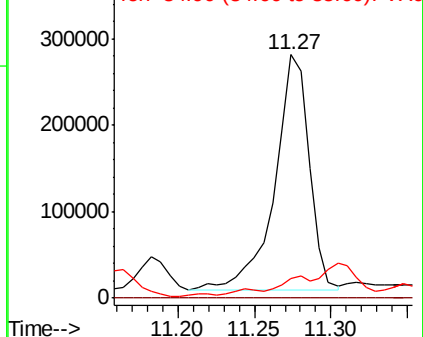
85 4.7 32.1 96.5#

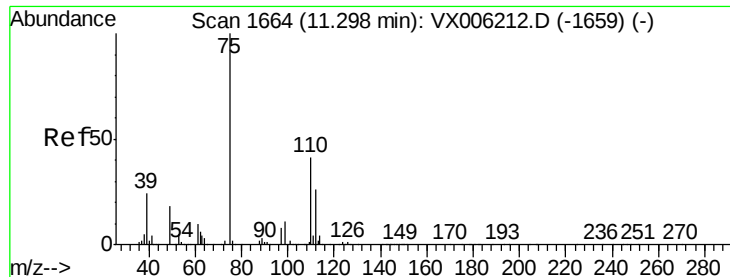


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 0.738 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

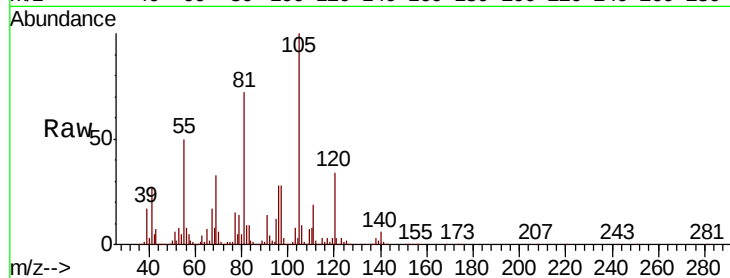
4UST-BASEMEDL

Tot Ion: 75 Resp: 7512

Ion Ratio Lower Upper

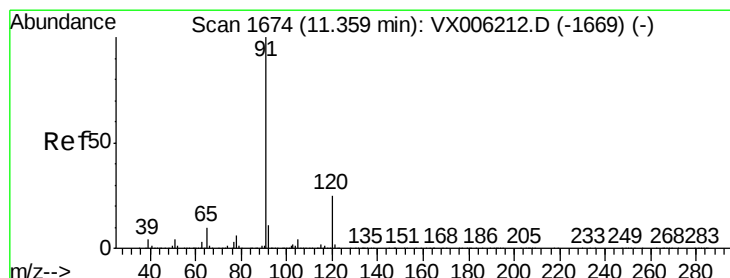
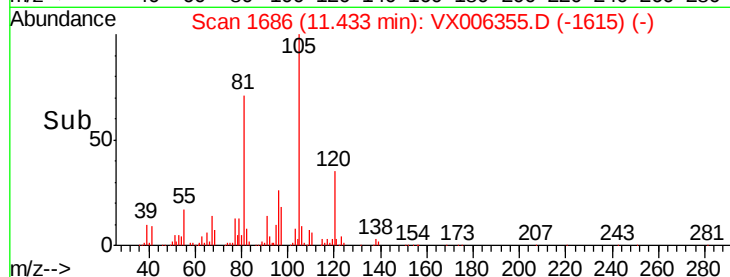
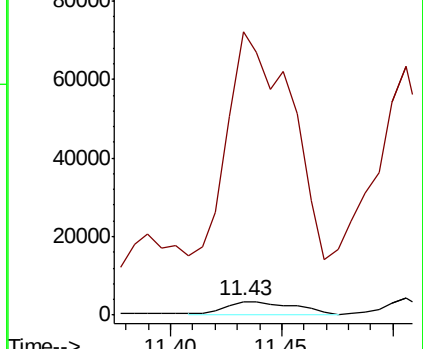
75 100

77 1939.4 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 21.417 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006355.D

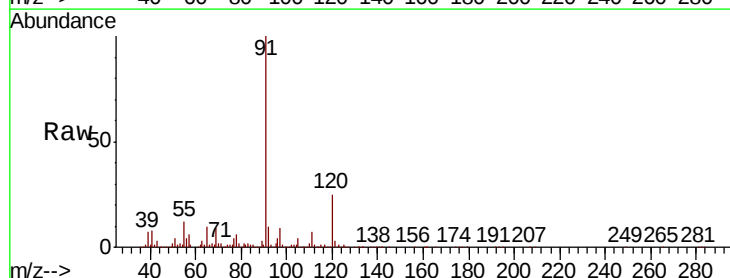
Acq: 07 Dec 2018 18:45

Tgt Ion: 91 Resp: 867481

Ion Ratio Lower Upper

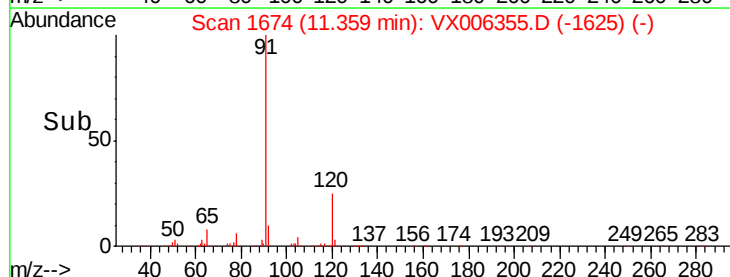
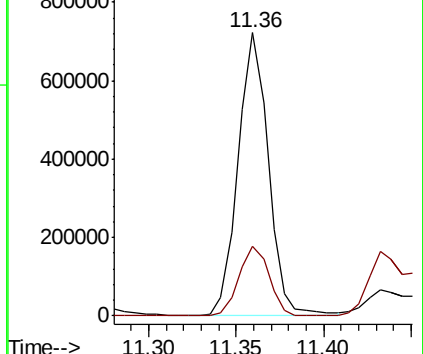
91 100

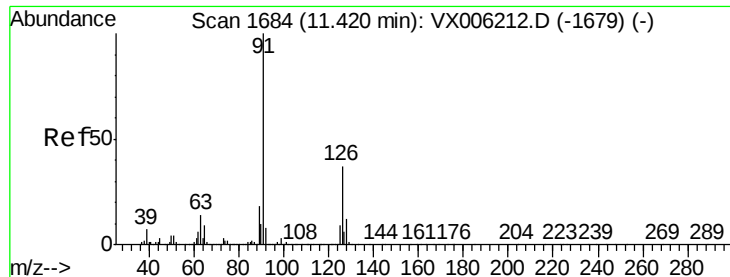
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

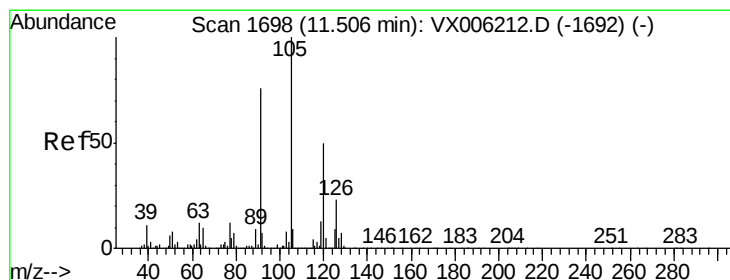
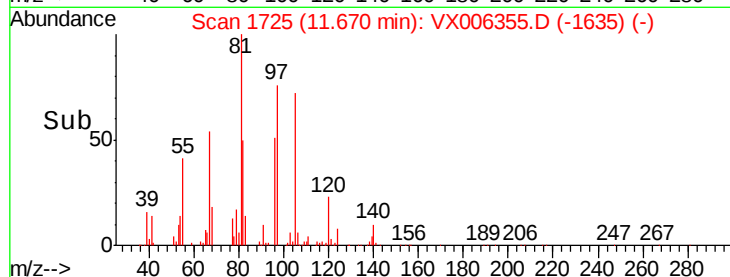
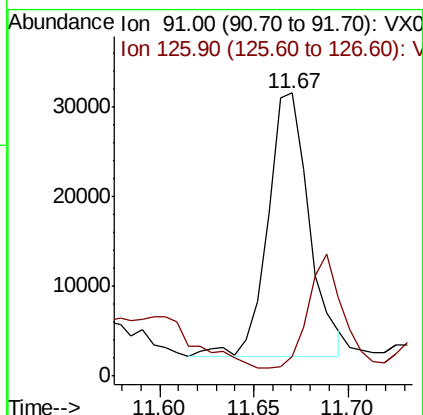
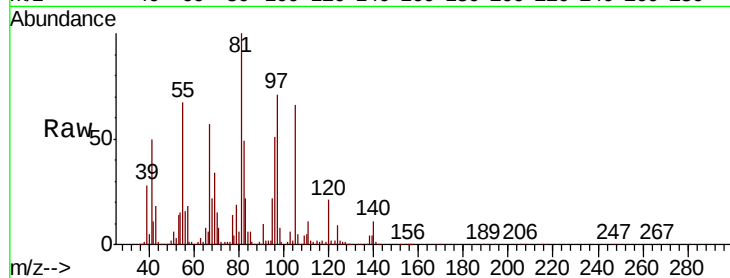




#79
 2-Chlorotoluene
 Concen: 1.840 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. 0.25 min
 Lab File: VX006355.D
 Acq: 07 Dec 2018 18:45

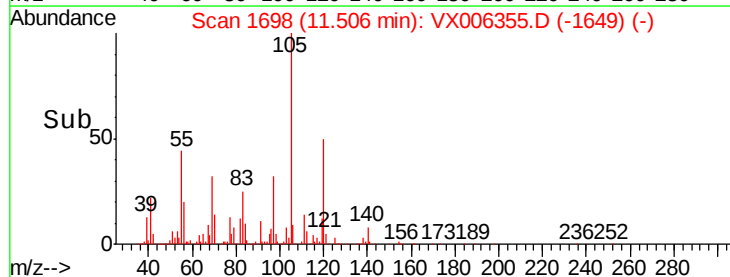
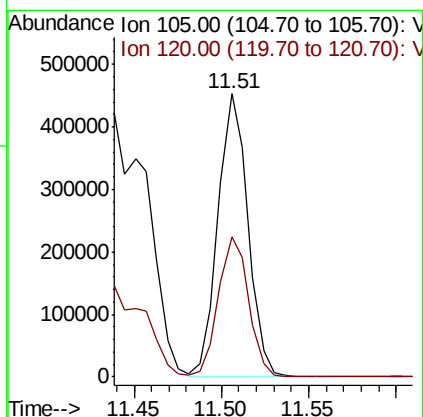
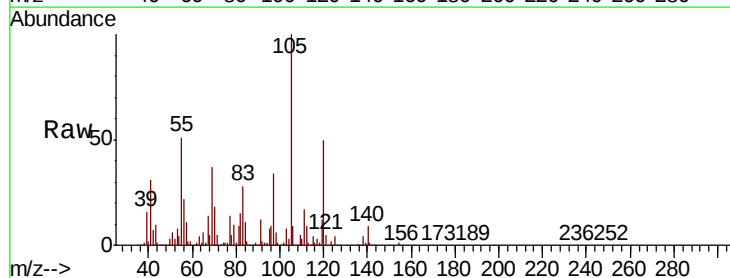
Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-BASEMEDL

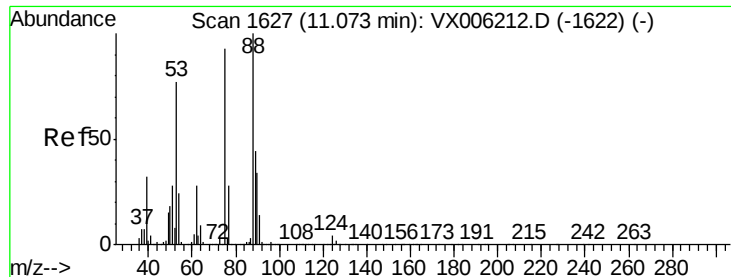
Tot Ion: 91 Resp: 44286
 Ion Ratio Lower Upper
 91 100
 126 30.4 18.6 56.0



#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





#81

trans-1,4-Dichloro-2-butene

Concen: 50.893 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEMEDL

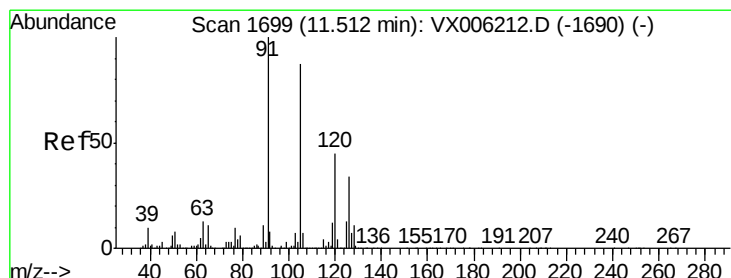
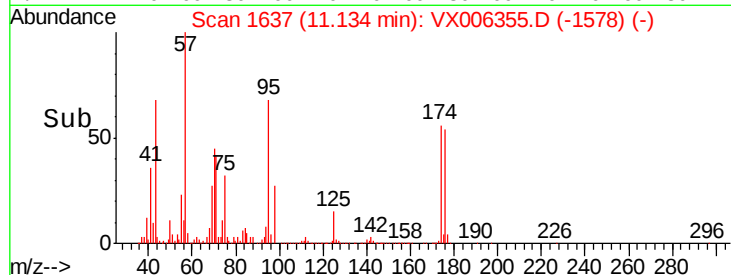
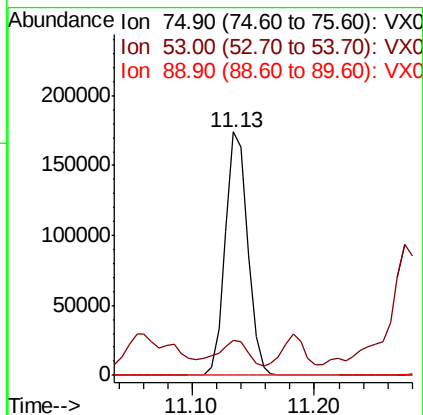
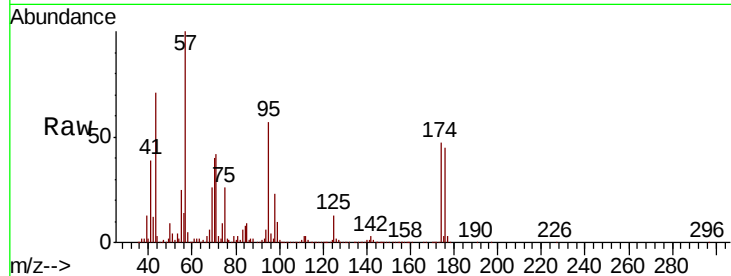
Tot Ion: 75 Resp: 220860

Ion Ratio Lower Upper

75 100

53 14.1 64.4 96.6#

89 0.0 44.2 66.4#



#82

4-Chlorotoluene

Concen: 1.612 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. 0.16 min

Lab File: VX006355.D

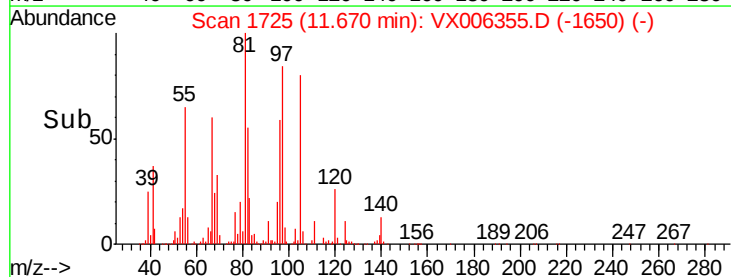
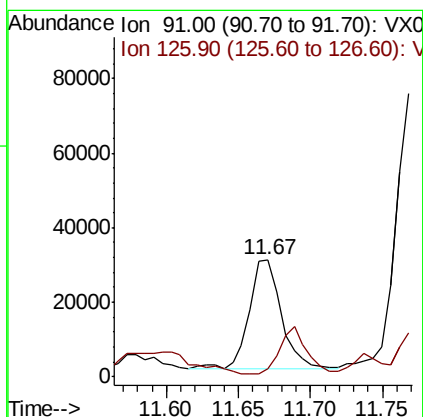
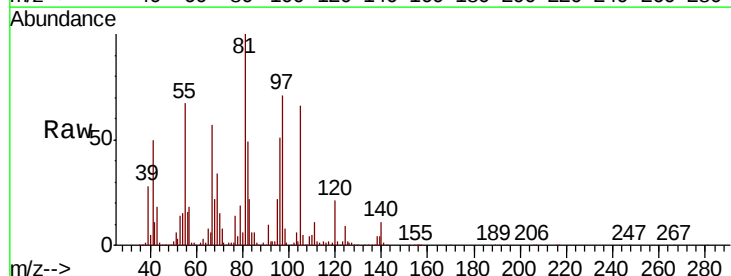
Acq: 07 Dec 2018 18:45

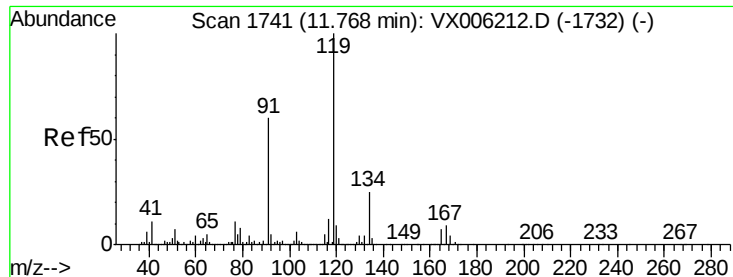
Tgt Ion: 91 Resp: 45115

Ion Ratio Lower Upper

91 100

126 35.8 16.4 49.4

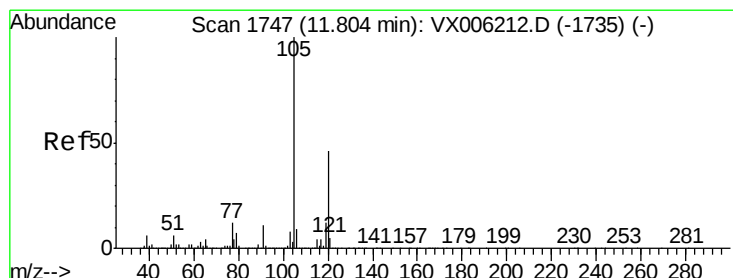
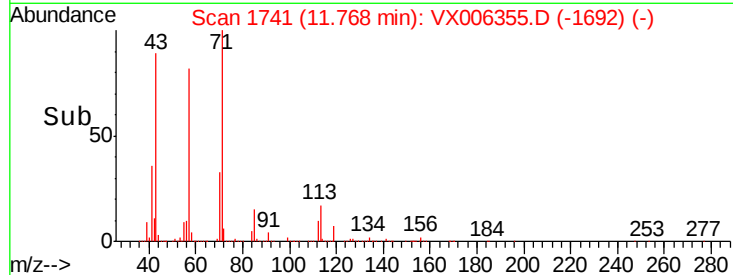
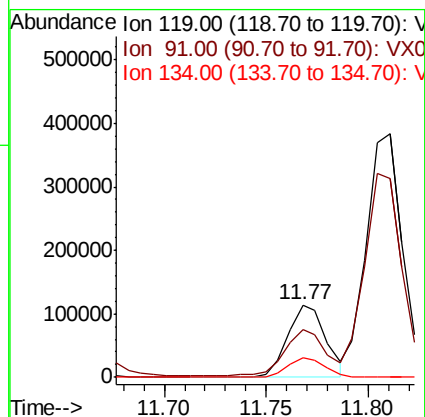
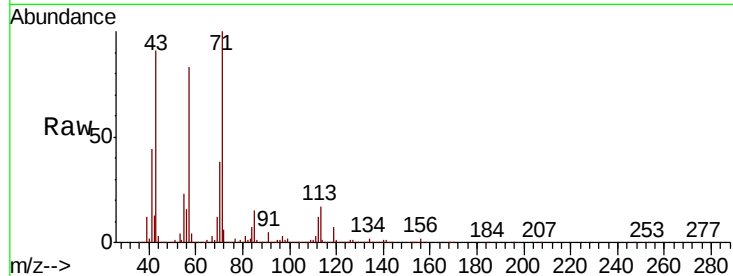




#83
tert-Butylbenzene
Concen: 4.621 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

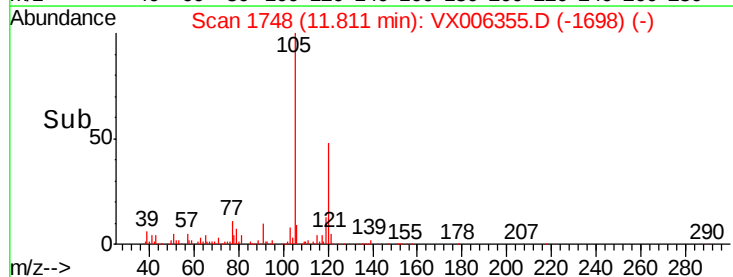
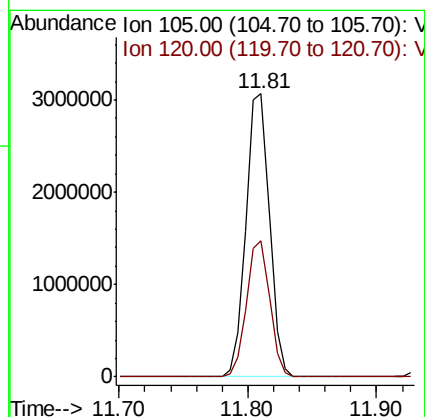
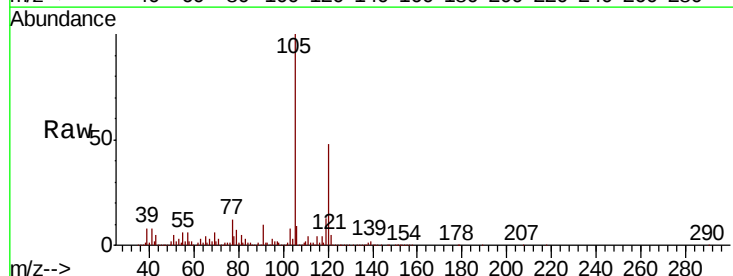
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

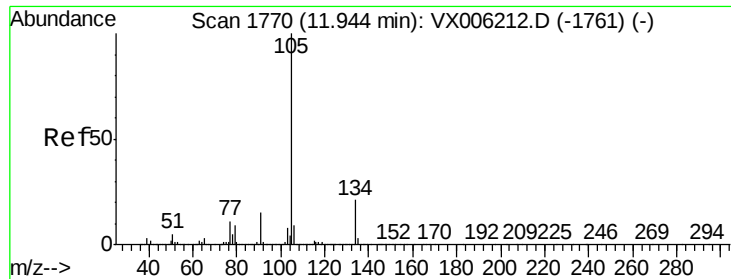
Tot Ion:119 Resp: 149468
Ion Ratio Lower Upper
119 100
91 67.9 26.4 79.2
134 26.3 11.6 34.7



#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 :

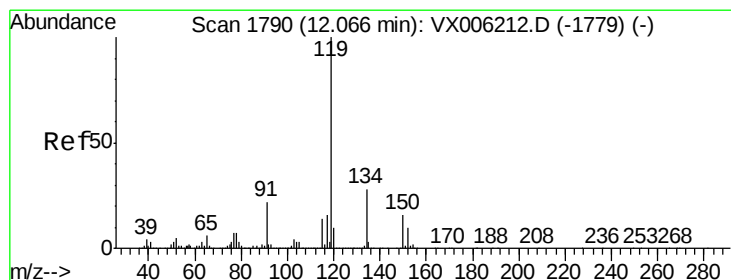
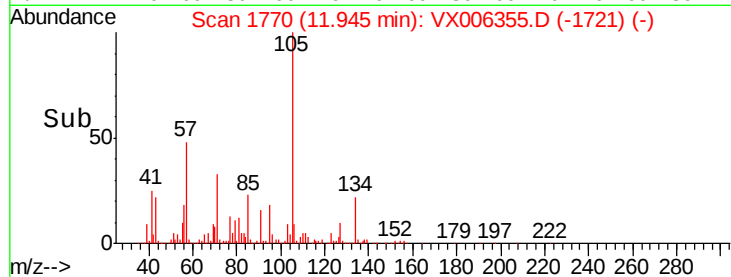
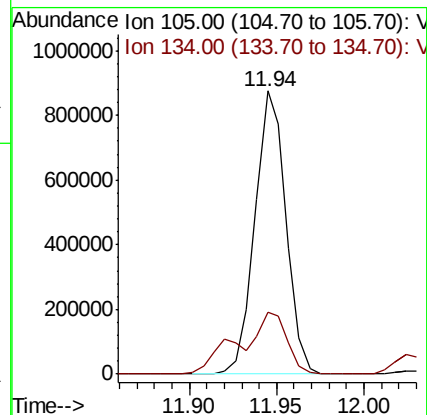
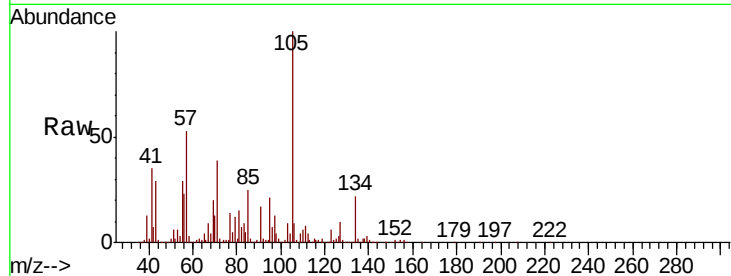
4UST-BASEMEDL

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

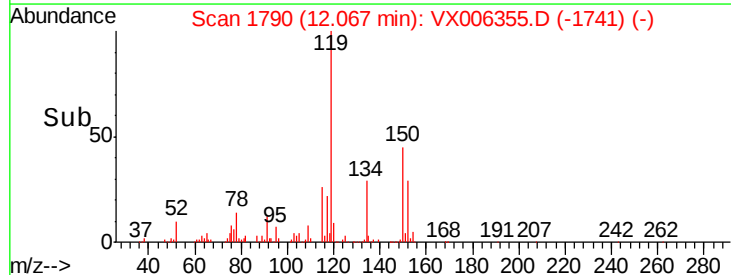
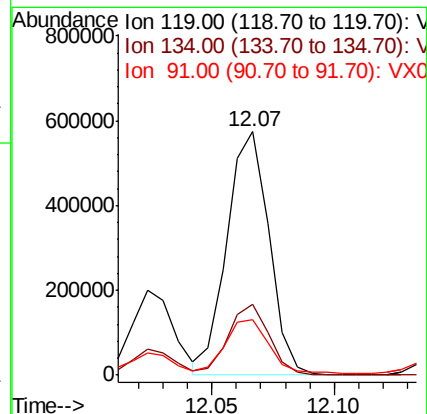
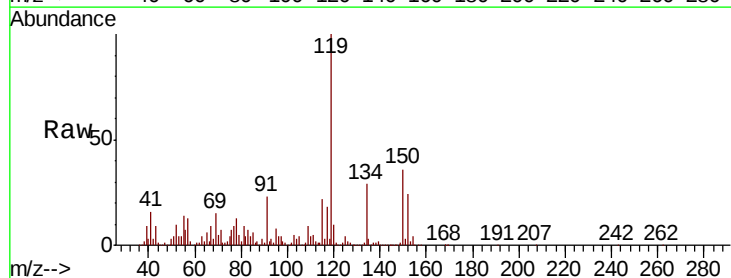
Tgt Ion:119 Resp: 686888

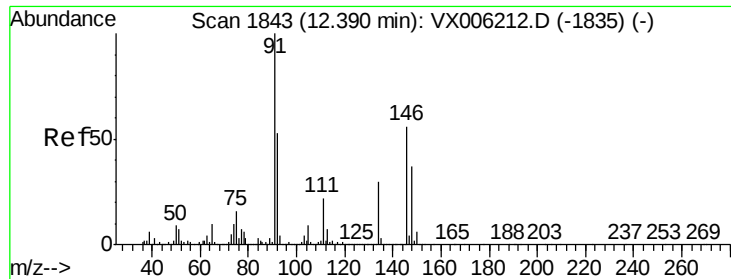
Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

91 22.4 11.3 33.8

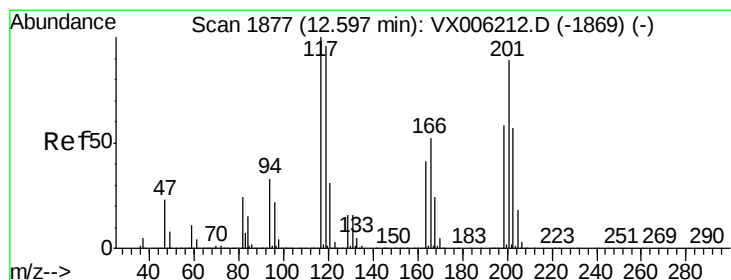
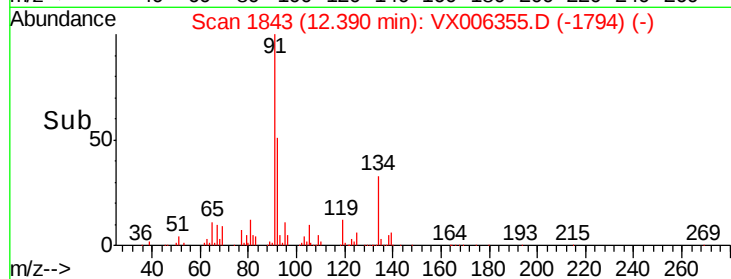
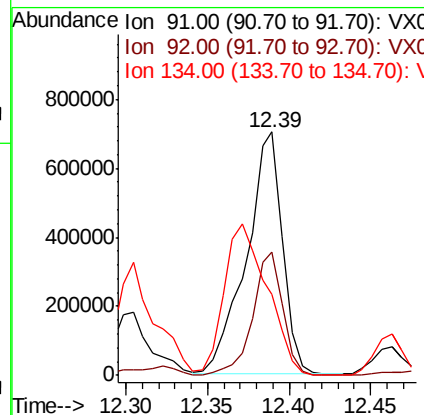
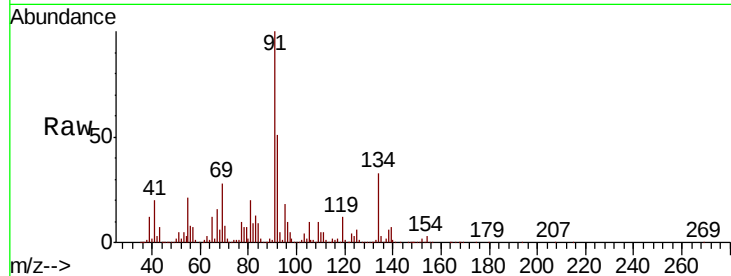




#89
n-Butylbenzene
Concen: 38.196 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

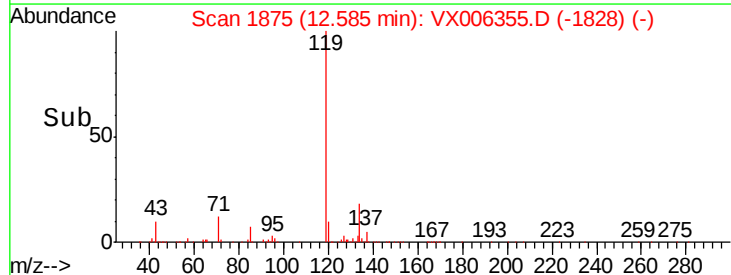
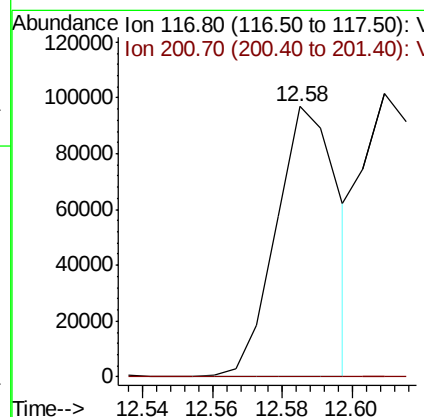
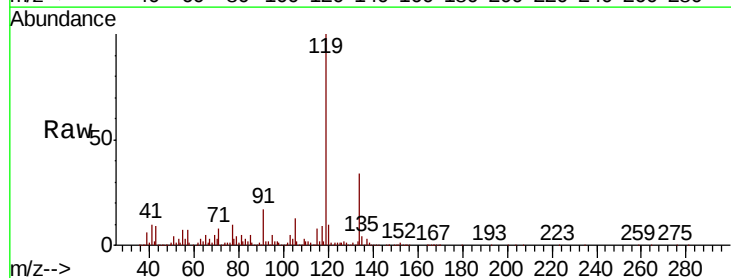
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEMEDL

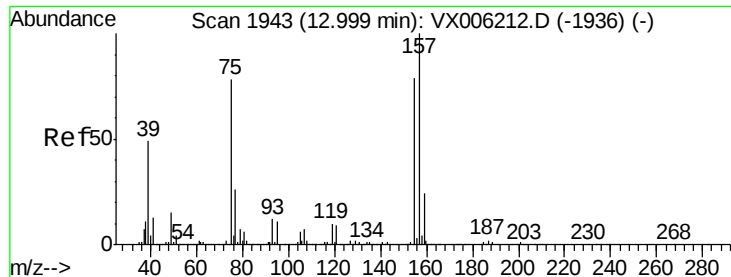
Tot Ion: 91 Resp: 1079932
Ion Ratio Lower Upper
91 100
92 42.2 26.6 79.8
134 74.9 14.8 44.3#



#90
Hexachloroethane
Concen: 17.663 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006355.D
Acq: 07 Dec 2018 18:45

Tgt Ion: 117 Resp: 119286
Ion Ratio Lower Upper
117 100
201 0.0 44.7 134.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.124 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006355.D

Acq: 07 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEMEDL

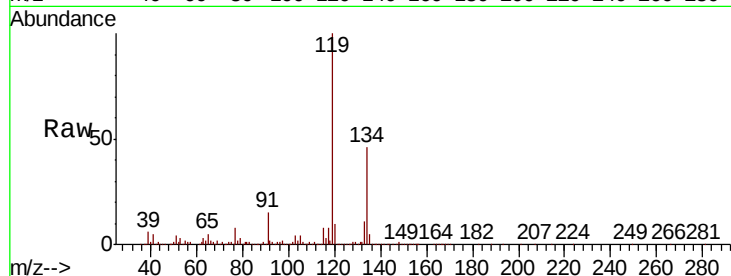
Tot Ion: 75 Resp: 12323

Ion Ratio Lower Upper

75 100

155 0.0 53.4 160.3#

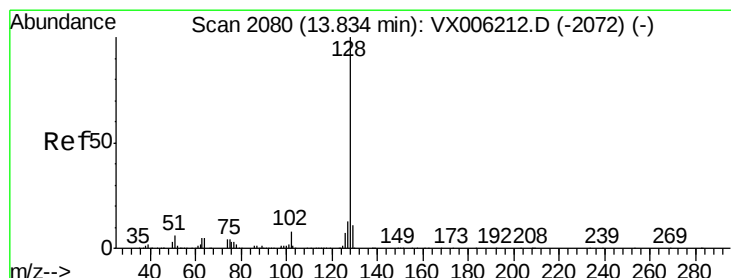
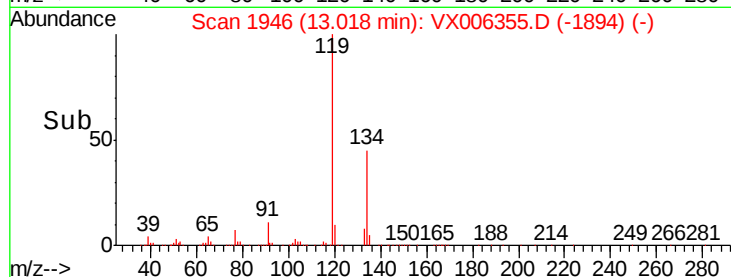
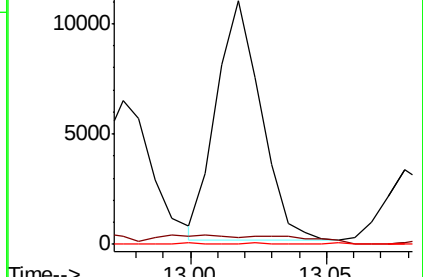
157 0.3 68.0 203.8#



Abundance Ion 74.90 (74.60 to 75.60): VX006355.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006355.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006355.D (-1894) (-)



#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

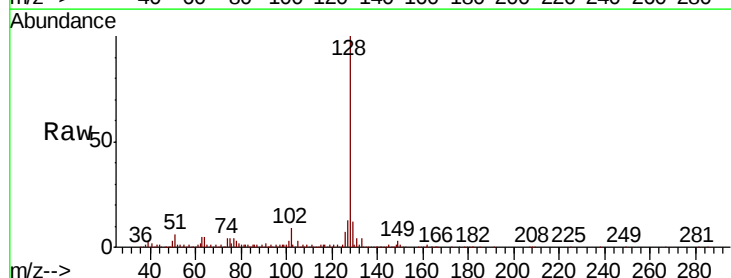
Tgt Ion: 128 Resp: 208894

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 15.8 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): VX006355.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX006355.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX006355.D (-2031) (-)

