

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005605.D
 Acq On : 26 Oct 2018 15:23
 Operator : JC/MD
 Sample : J5515-01
 Misc : 6.14g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NON-UST-1A

Quant Time: Oct 27 04:45:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	233899	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	323767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156010	50.00	ug/l	0.00

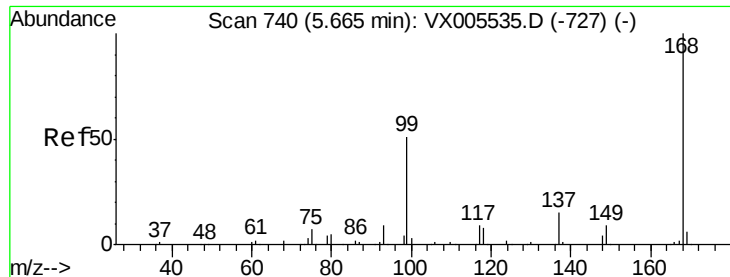
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	142216	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	5.50	113	109339	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	389352	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.14	95	142354	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

					Qvalue	
5) Bromomethane	1.64	94	1030	0.573	ug/l	93
10) Methyl Iodide	2.47	142	941	3.095	ug/l	90
11) Tert butyl alcohol	3.02	59	3207	4.174	ug/l #	81
13) Acrolein	2.25	56	79	0.202	ug/l #	1
17) Carbon Disulfide	2.52	76	1364	0.204	ug/l	97
18) Methyl Acetate	2.79	43	2304	Below Cal	#	60
20) Methylene Chloride	2.84	84	574	0.227	ug/l #	75
29) Tetrahydrofuran	5.21	42	1854	1.240	ug/l #	49
31) Cyclohexane	5.55	56	807	0.210	ug/l #	78
36) 1,1-Dichloropropene	5.65	75	15317	4.875	ug/l #	50
38) Carbon Tetrachloride	5.66	117	20879	6.309	ug/l #	16
39) Methylcyclohexane	7.45	83	3579	1.032	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	1745	0.756	ug/l #	18
59) 2-Hexanone	9.55	43	2630	0.826	ug/l #	50
73) Isopropylbenzene	11.02	105	7680	0.805	ug/l	98
74) N-amyl acetate	10.91	43	8981	1.901	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	6400	1.819	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	71378	21.594	ug/l #	37
78) n-propylbenzene	11.36	91	14413	1.322	ug/l	98
79) 2-Chlorotoluene	11.51	91	1501	0.222	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.14	75	71378	70.558	ug/l #	10
83) tert-Butylbenzene	11.77	119	1767	0.217	ug/l	98
85) sec-Butylbenzene	11.95	105	16246	1.674	ug/l	84
89) n-Butylbenzene	12.39	91	20345	2.598	ug/l	83
90) Hexachloroethane	12.67	117	9722	6.498	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	996	1.171	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	906	0.247	ug/l #	1
94) Hexachlorobutadiene	13.78	225	385	0.203	ug/l	97
95) Naphthalene	13.84	128	7924	0.744	ug/l #	27
96) 1,2,3-Trichlorobenzene	14.04	180	2970	0.799	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampled :

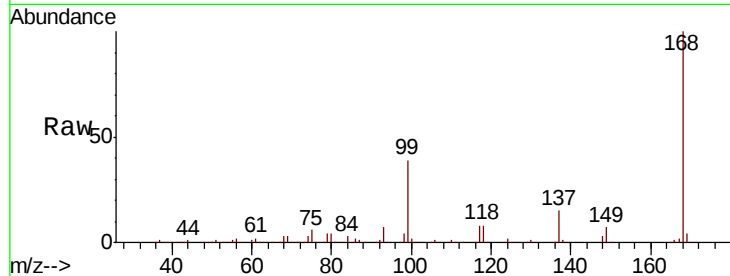
NON-UST-1A

Tot Ion:168 Resp: 233899

Ion Ratio Lower Upper

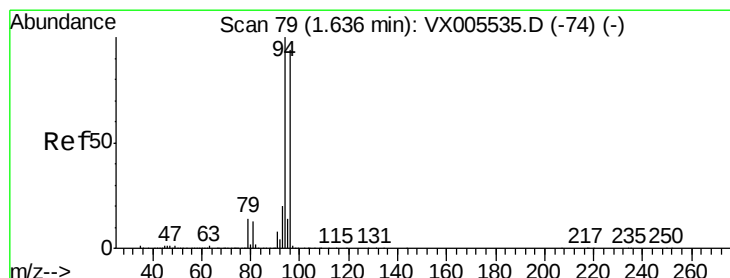
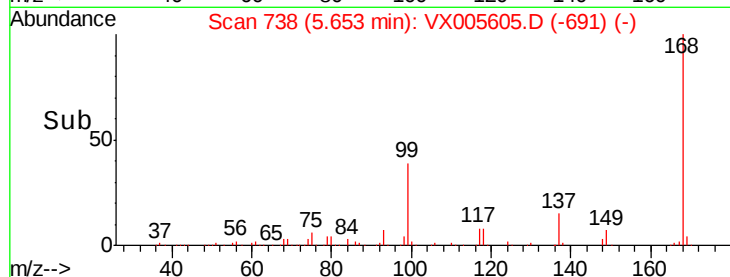
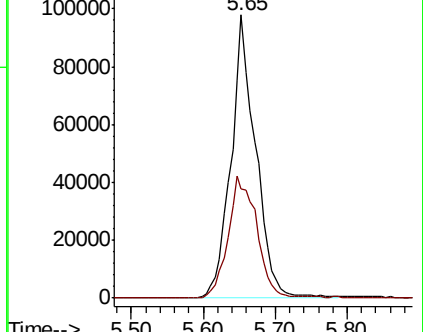
168 100

99 38.6 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.573 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005605.D

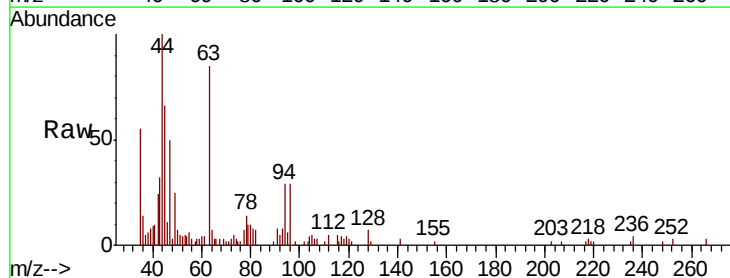
Acq: 26 Oct 2018 15:23

Tgt Ion: 94 Resp: 1030

Ion Ratio Lower Upper

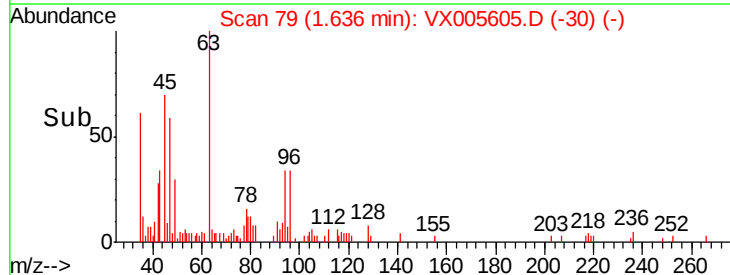
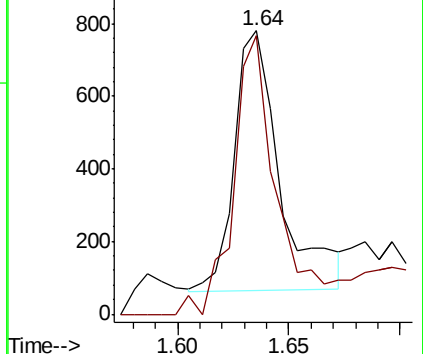
94 100

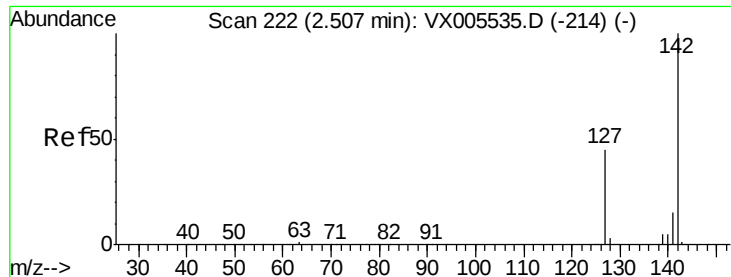
96 100.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

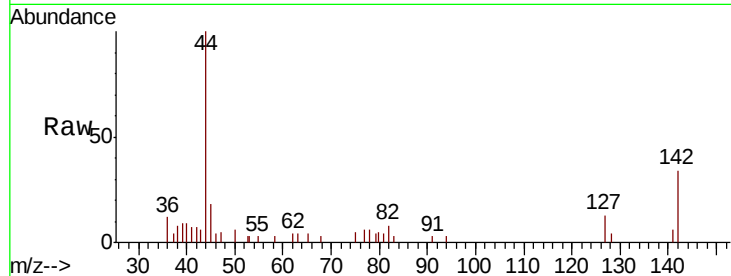




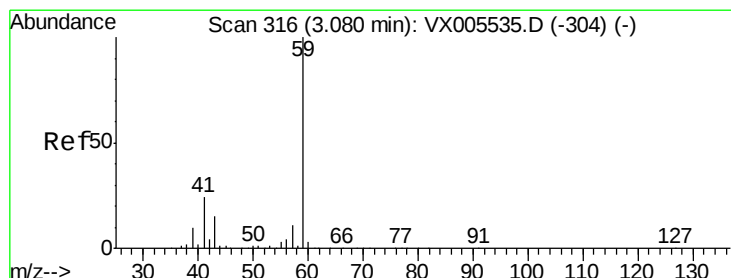
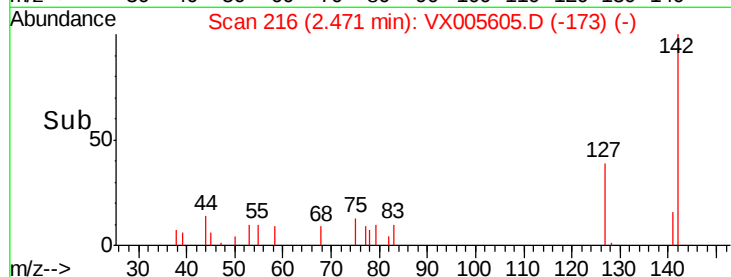
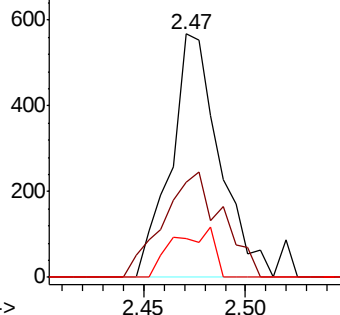
#10
Methvl Iodide
Concen: 3.095 ug/l
RT: 2.47 min Scan# 216
Delta R.T. -0.04 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Instrument :
MSVOA_X
ClientSampleId :
NON-UST-1A

Tot Ion:142 Resp: 941
Ion Ratio Lower Upper
142 100
127 52.1 36.0 54.0
141 17.0 11.7 17.5

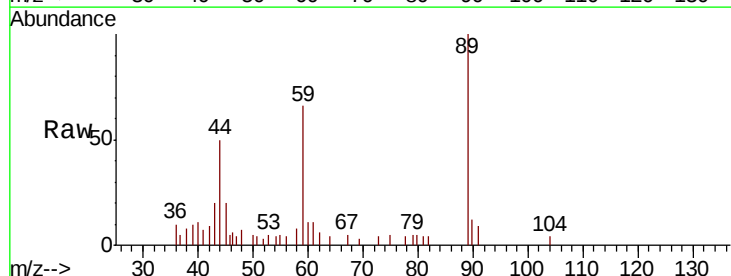


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

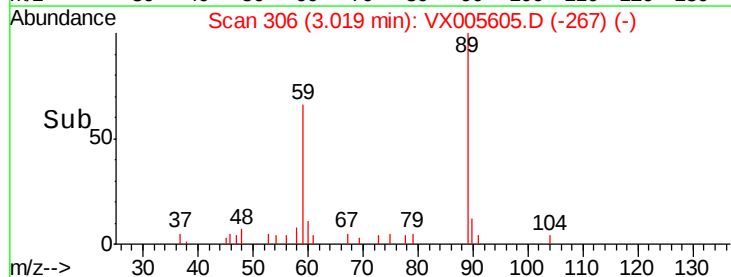
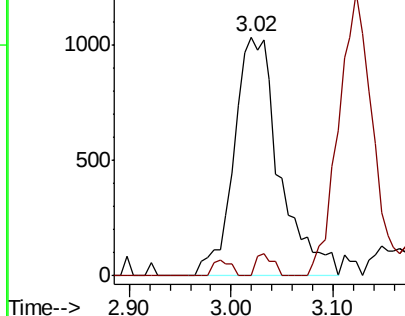


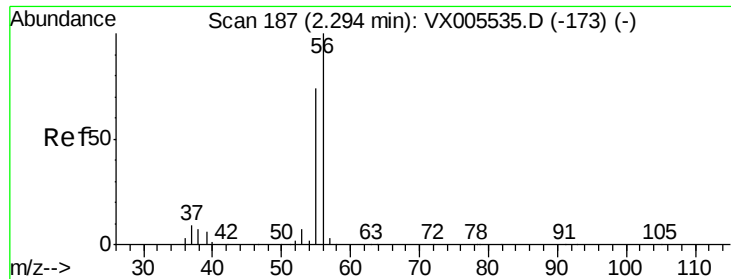
#11
Tert butyl alcohol
Concen: 4.174 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Tgt Ion: 59 Resp: 3207
Ion Ratio Lower Upper
59 100
57 3.5 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.202 ug/l

RT: 2.25 min Scan# 180

Delta R.T. -0.04 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

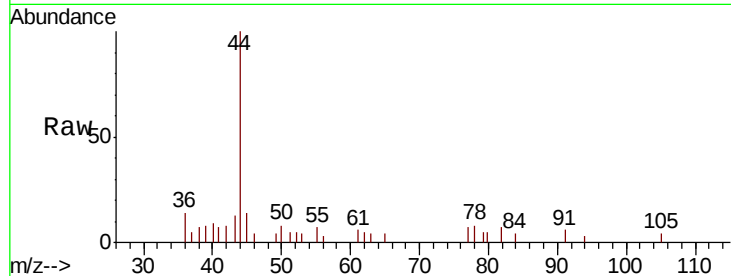
NON-UST-1A

Tot Ion: 56 Resp: 79

Ion Ratio Lower Upper

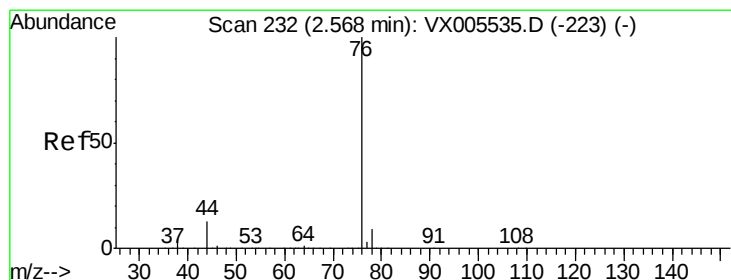
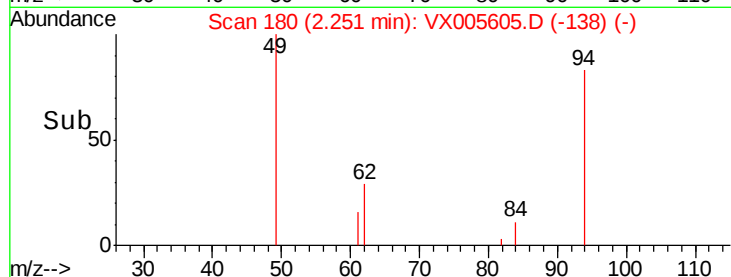
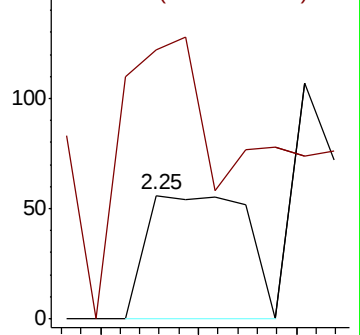
56 100

55 229.1 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#17

Carbon Disulfide

Concen: 0.204 ug/l

RT: 2.52 min Scan# 224

Delta R.T. -0.05 min

Lab File: VX005605.D

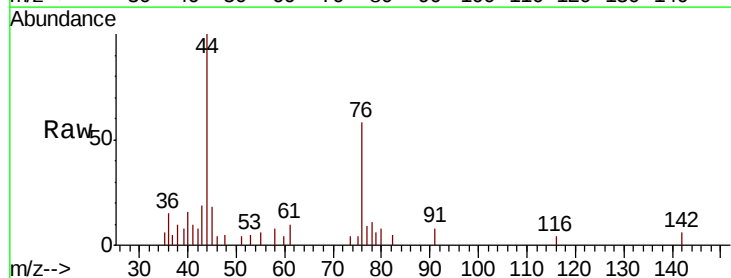
Acq: 26 Oct 2018 15:23

Tgt Ion: 76 Resp: 1364

Ion Ratio Lower Upper

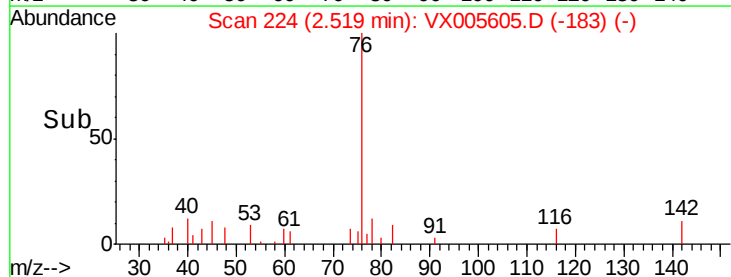
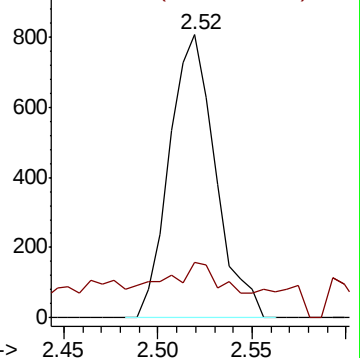
76 100

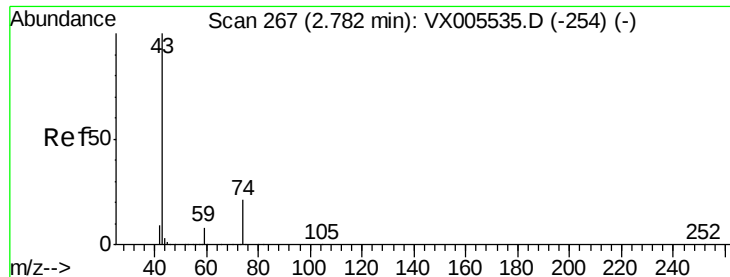
78 10.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#18

Methyl Acetate

Concen: Below Cal

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampled :

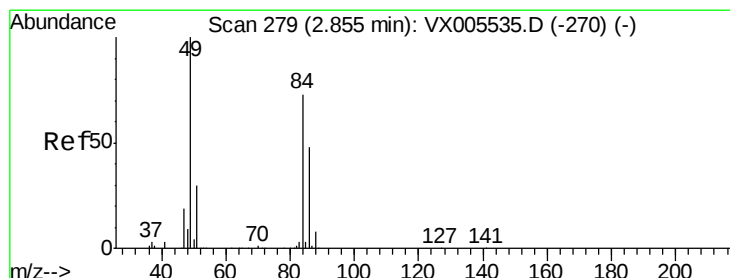
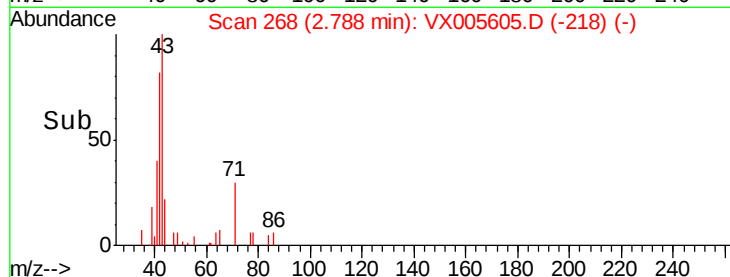
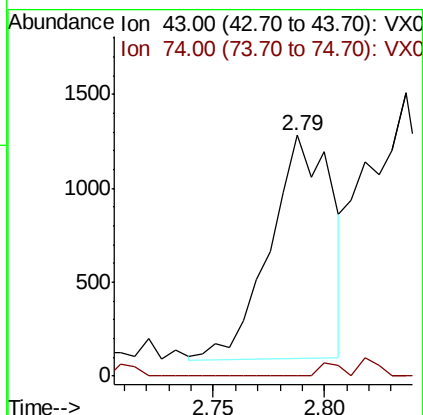
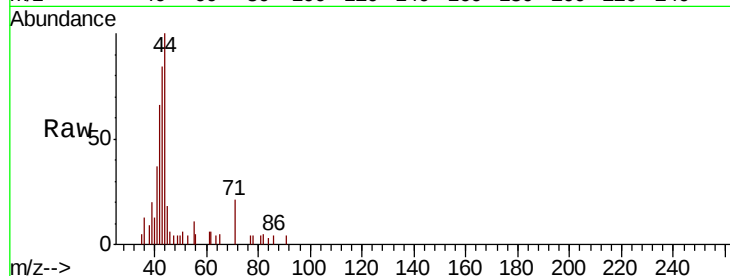
NON-UST-1A

Tot Ion: 43 Resp: 2304

Ion Ratio Lower Upper

43 100

74 2.1 16.8 25.2#



#20

Methylene Chloride

Concen: 0.227 ug/l

RT: 2.84 min Scan# 277

Delta R.T. -0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Tgt Ion: 84 Resp: 574

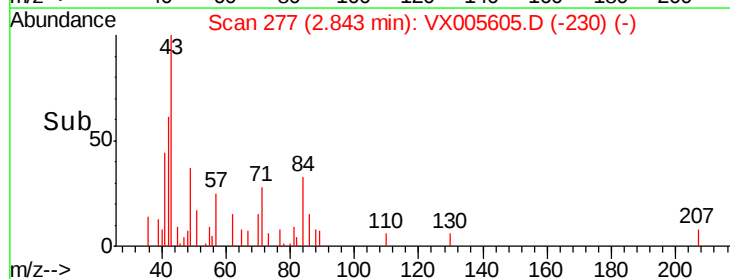
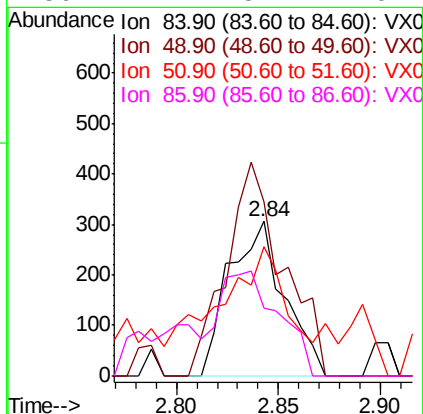
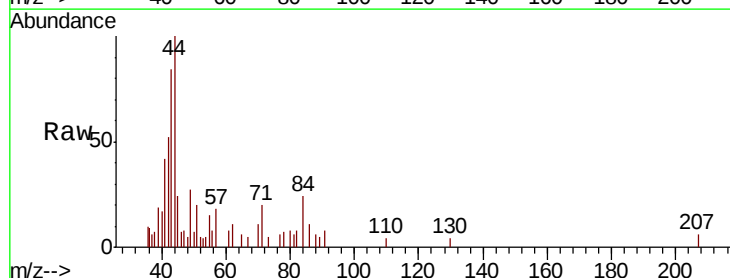
Ion Ratio Lower Upper

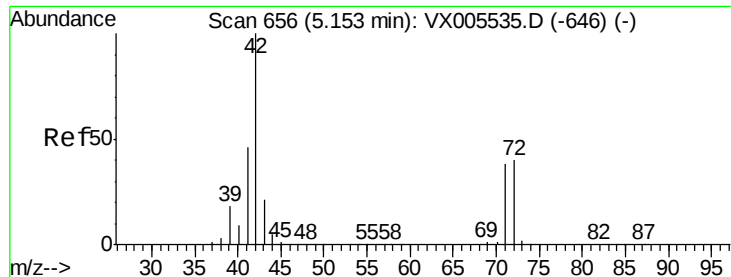
84 100

49 112.4 109.5 164.3

51 63.7 33.3 49.9#

86 44.1 52.7 79.1#

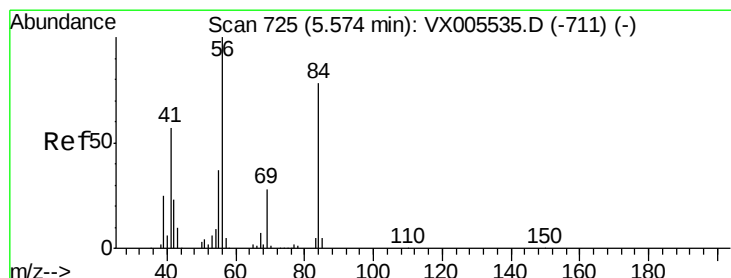
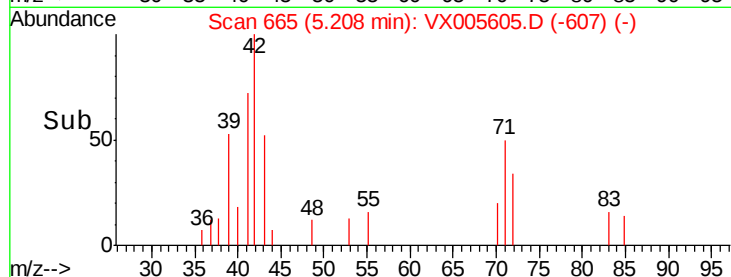
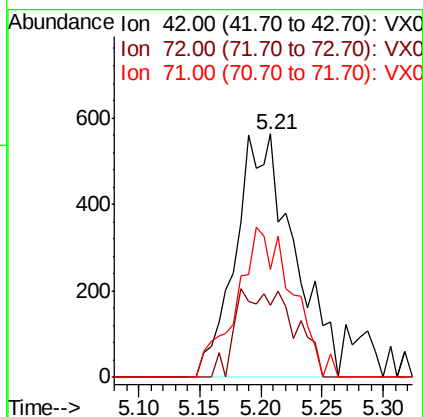
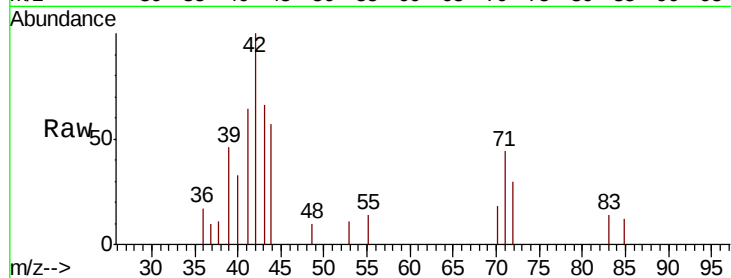




#29
Tetrahydrofuran
Concen: 1.240 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.05 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

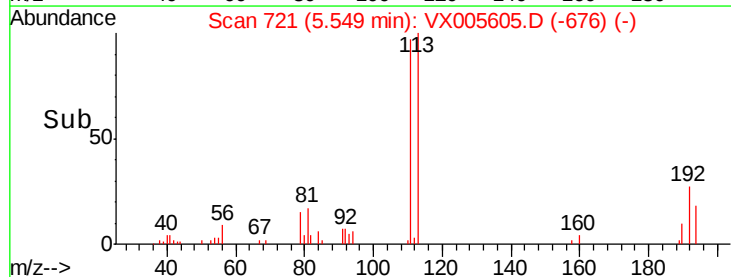
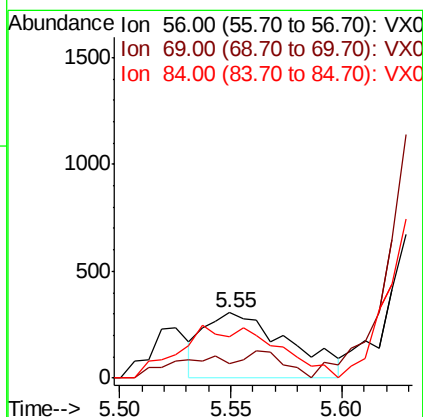
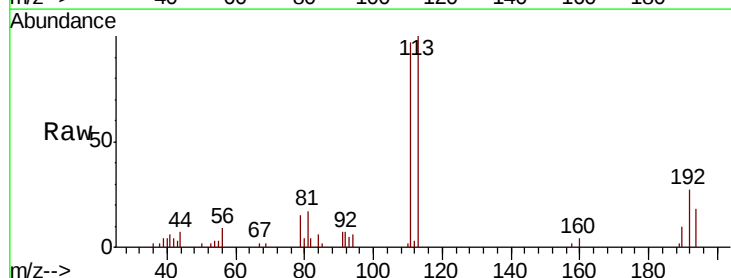
Instrument :
MSVOA_X
ClientSampleId :
NON-UST-1A

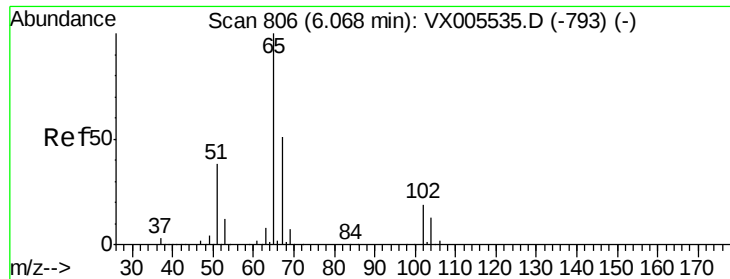
Tot Ion: 42 Resp: 1854
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 59.4 29.8 44.8#



#31
Cyclohexane
Concen: 0.210 ug/l
RT: 5.55 min Scan# 721
Delta R.T. -0.02 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Tgt Ion: 56 Resp: 807
Ion Ratio Lower Upper
56 100
69 4.2 22.6 34.0#
84 90.1 62.7 94.1

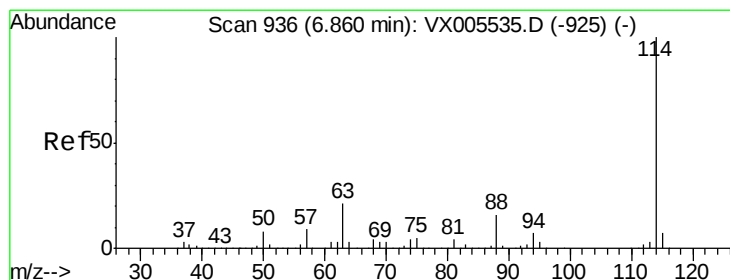
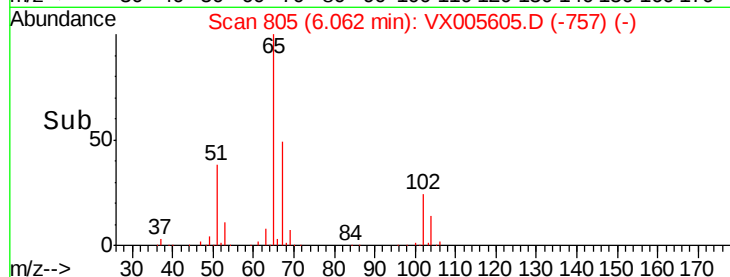
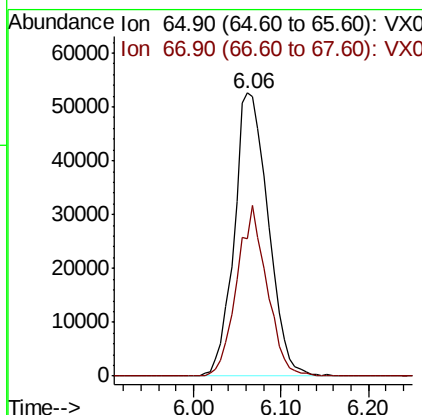
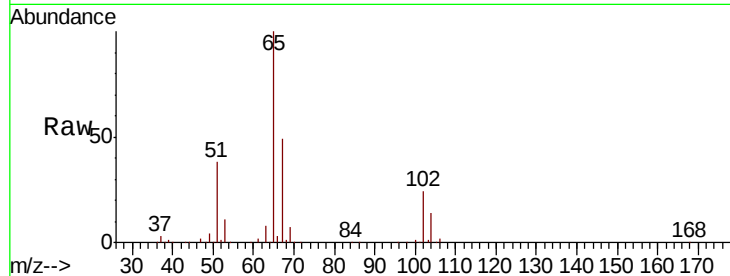




#33
 1,2-Dichloroethane-d4
 Concen: 49.810 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005605.D
 Acq: 26 Oct 2018 15:23

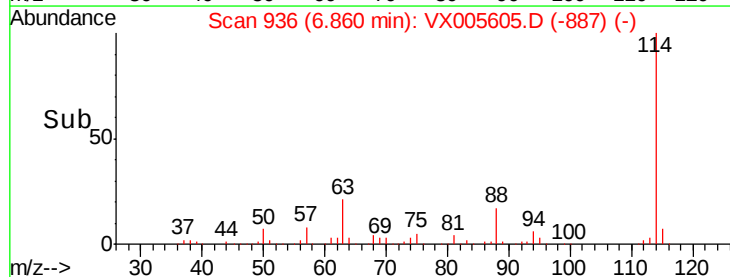
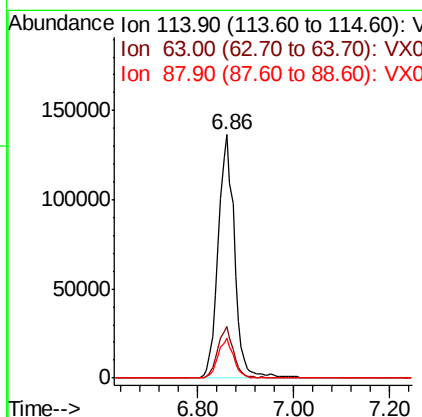
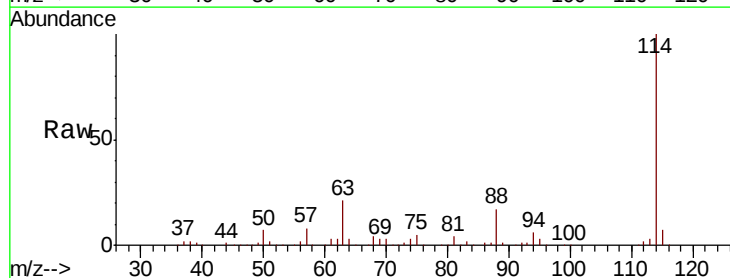
Instrument :
 MSVOA_X
 ClientSampleId :
 NON-UST-1A

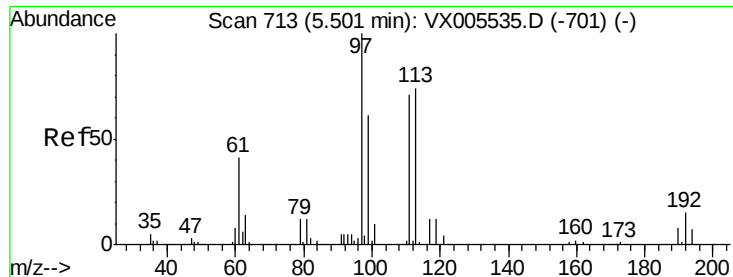
Tot Ion: 65 Resp: 142216
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005605.D
 Acq: 26 Oct 2018 15:23

Tgt Ion: 114 Resp: 323767
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 16.6 0.0 31.2

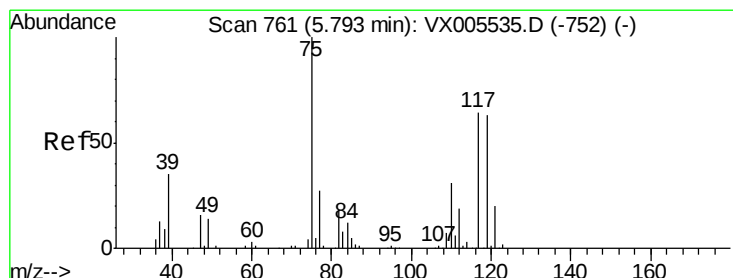
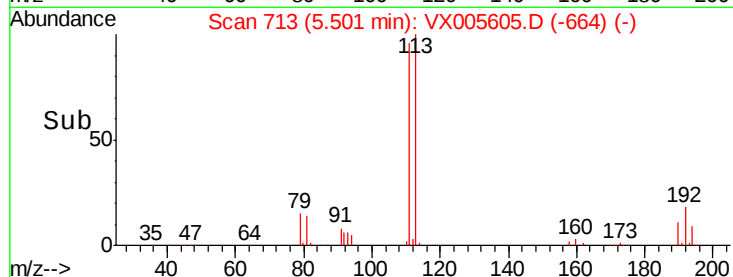
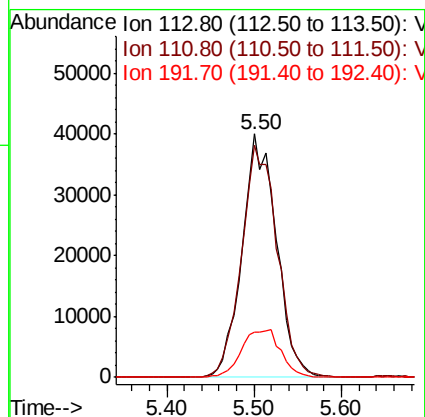
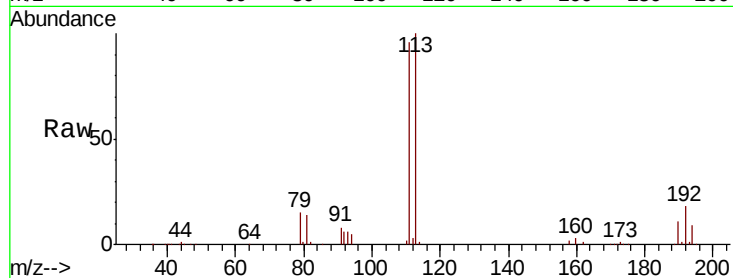




#35
 Dibromofluoromethane
 Concen: 49.875 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005605.D
 Acq: 26 Oct 2018 15:23

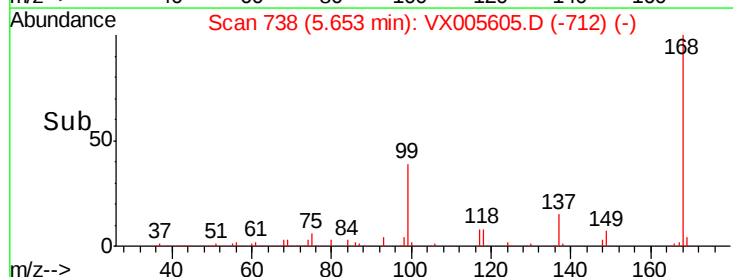
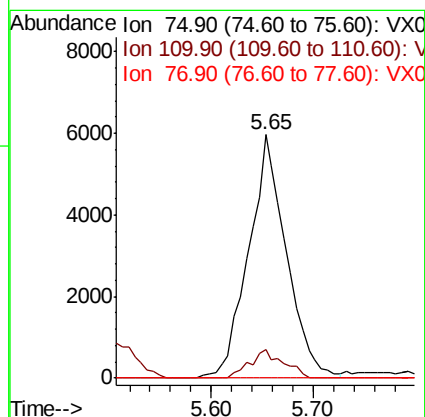
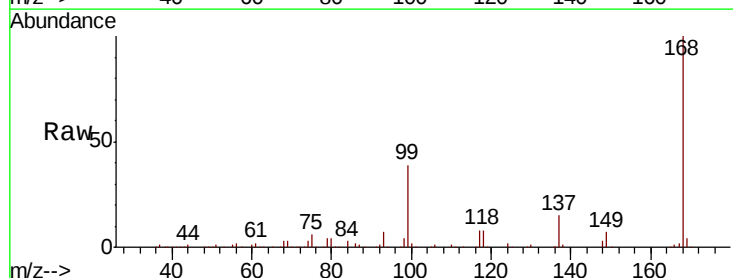
Instrument :
 MSVOA_X
 ClientSampleId :
 NON-UST-1A

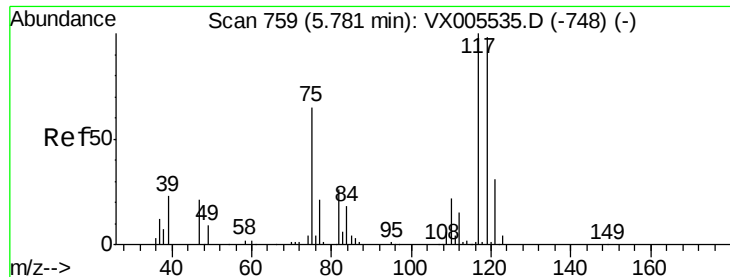
Tot Ion:113 Resp: 109339
 Ion Ratio Lower Upper
 113 100
 111 99.4 82.3 123.5
 192 22.3 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 4.875 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX005605.D
 Acq: 26 Oct 2018 15:23

Tgt Ion: 75 Resp: 15317
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.4 52.2#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.309 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

NON-UST-1A

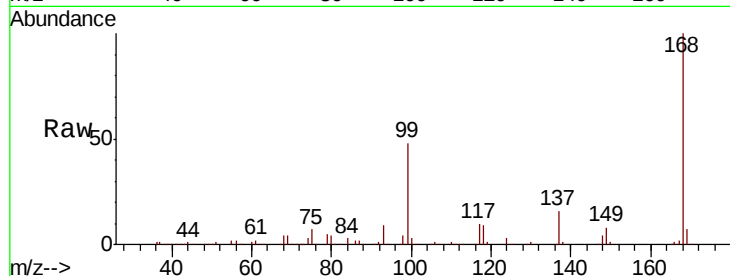
Tot Ion:117 Resp: 20879

Ion Ratio Lower Upper

117 100

119 5.6 78.1 117.1#

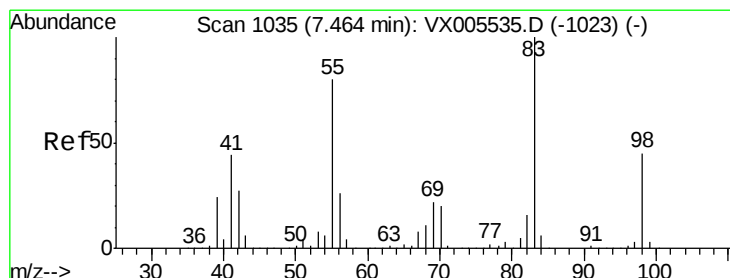
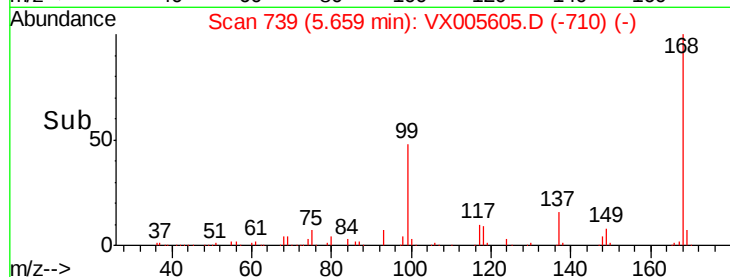
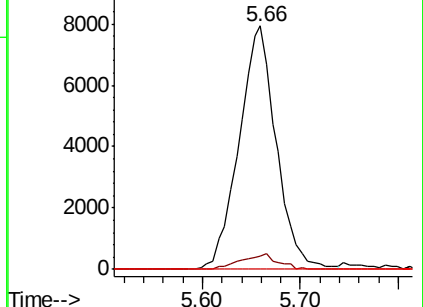
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.032 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

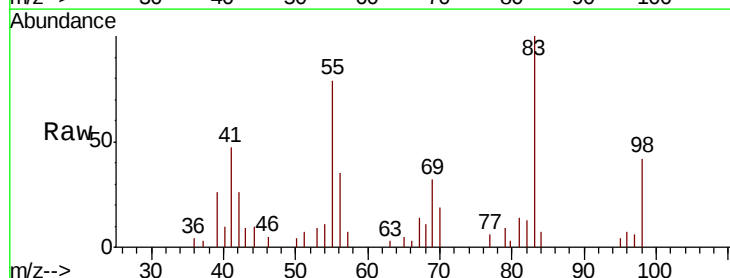
Tgt Ion: 83 Resp: 3579

Ion Ratio Lower Upper

83 100

55 79.0 63.7 95.5

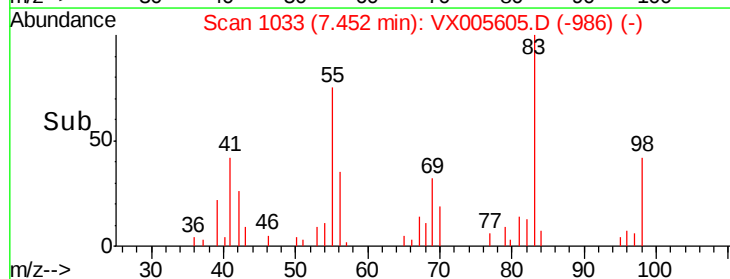
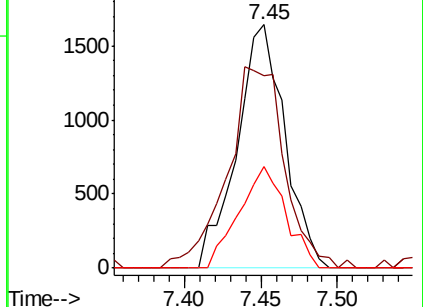
98 41.6 36.2 54.2

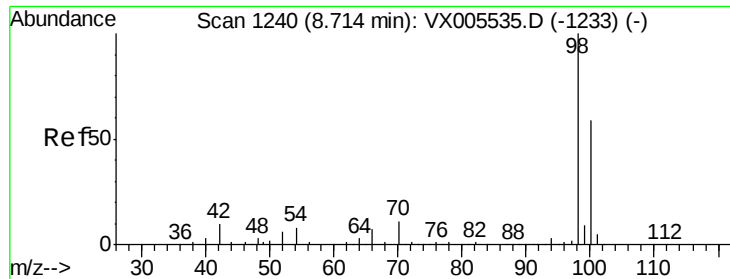


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 49.427 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampled :

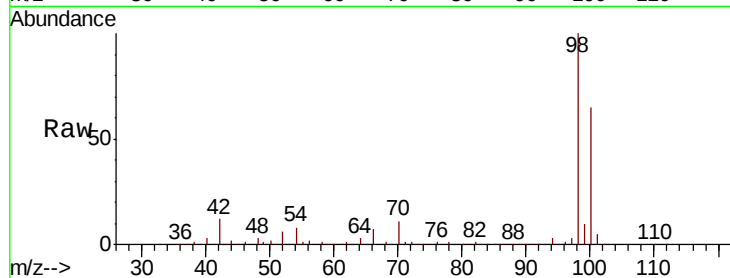
NON-UST-1A

Tot Ion: 98 Resp: 389352

Ion Ratio Lower Upper

98 100

100 63.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

250000

200000

150000

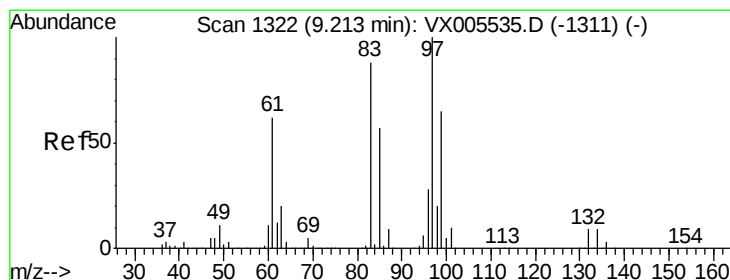
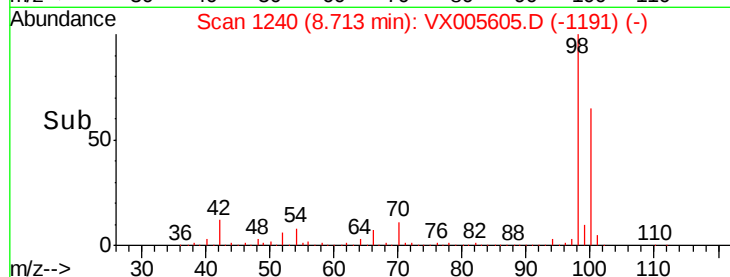
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.756 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Tgt Ion: 97 Resp: 1745

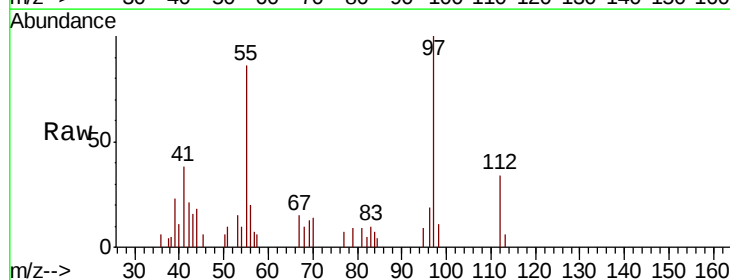
Ion Ratio Lower Upper

97 100

83 9.8 70.7 106.1#

85 0.0 45.8 68.6#

99 0.0 51.8 77.8#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

1500

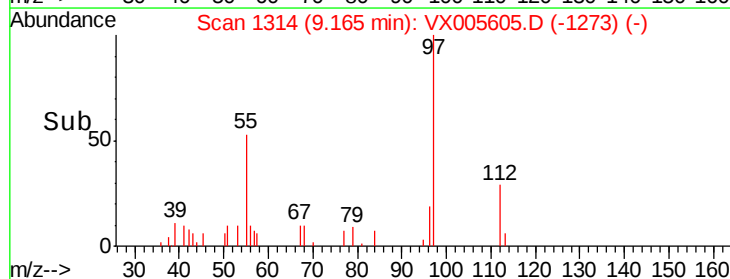
1000

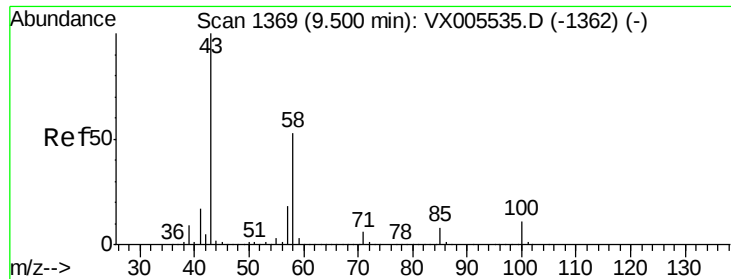
500

0

9.10 9.15 9.20

Time-->

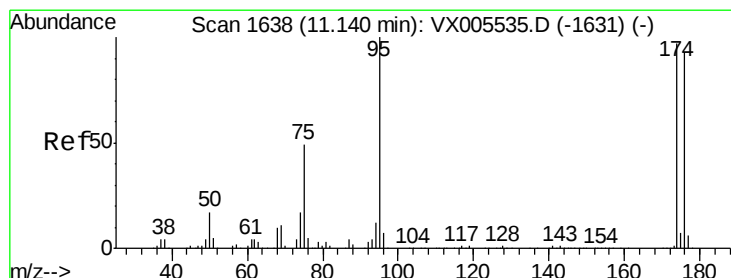
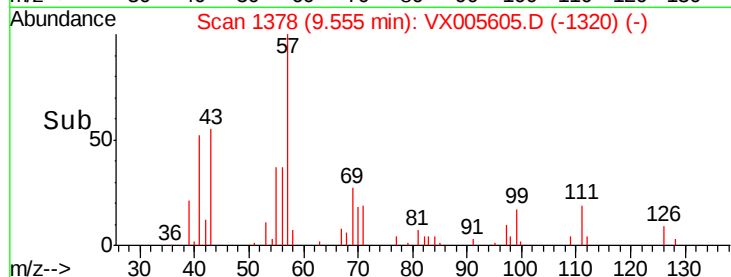
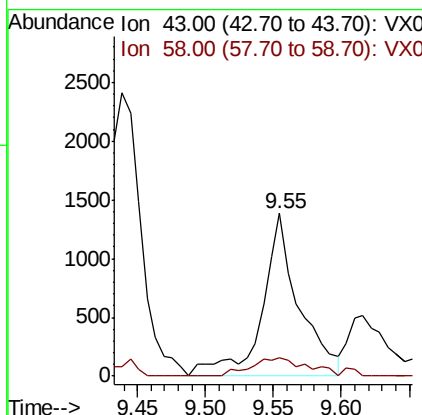
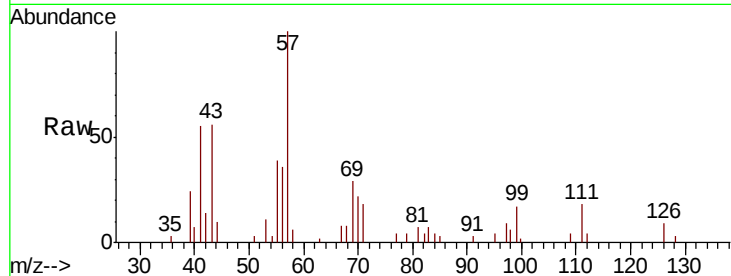




#59
 2-Hexanone
 Concen: 0.826 ug/l
 RT: 9.55 min Scan# 1378
 Delta R.T. 0.05 min
 Lab File: VX005605.D
 Acq: 26 Oct 2018 15:23

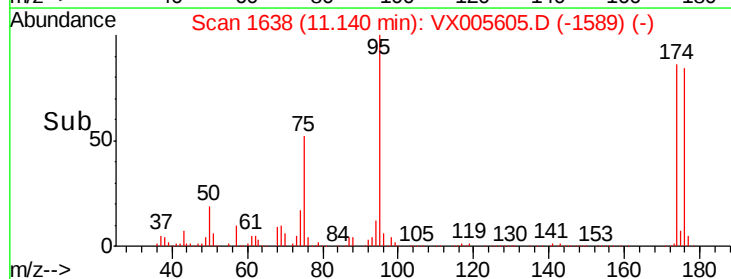
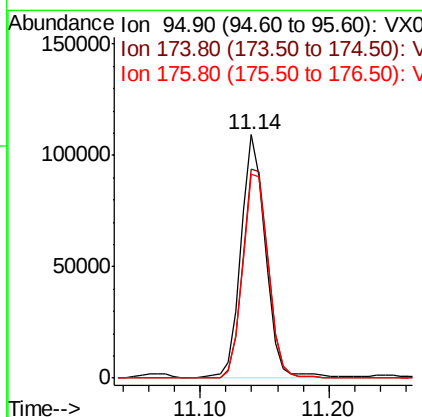
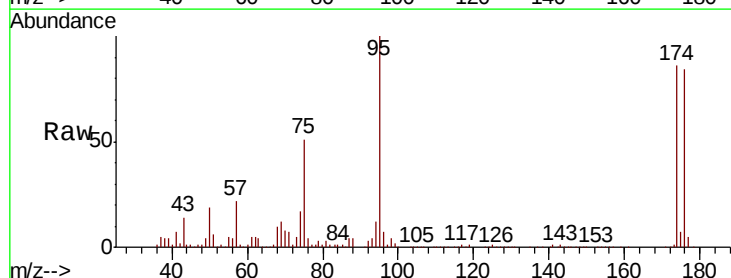
Instrument :
 MSVOA_X
 ClientSampled :
 NON-UST-1A

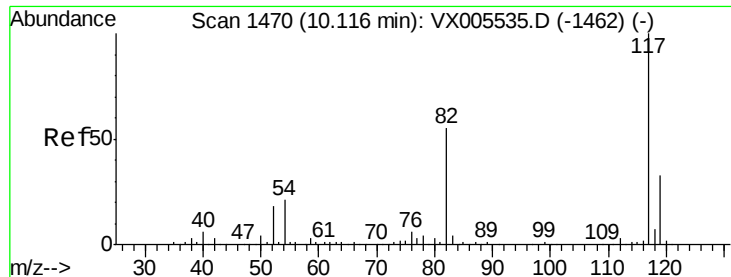
Tot Ion: 43 Resp: 2630
 Ion Ratio Lower Upper
 43 100
 58 17.0 25.9 77.8#



#62
 4-Bromofluorobenzene
 Concen: 47.853 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005605.D
 Acq: 26 Oct 2018 15:23

Tgt Ion: 95 Resp: 142354
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 184.4
 176 87.7 0.0 177.4

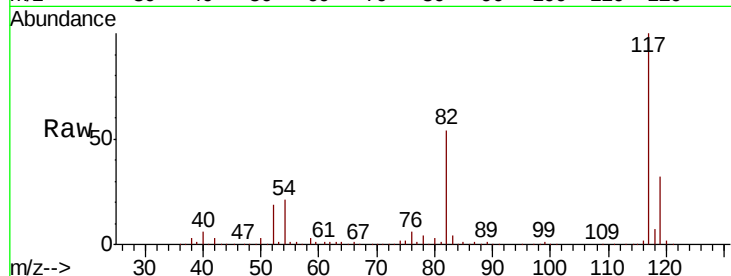




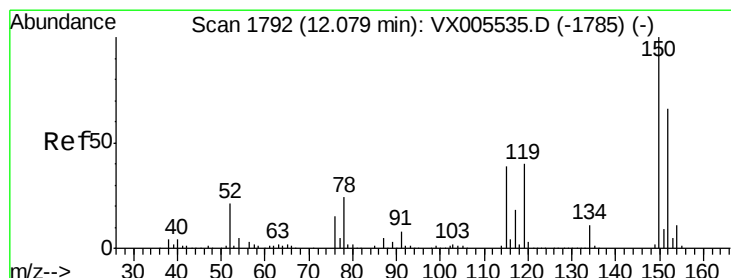
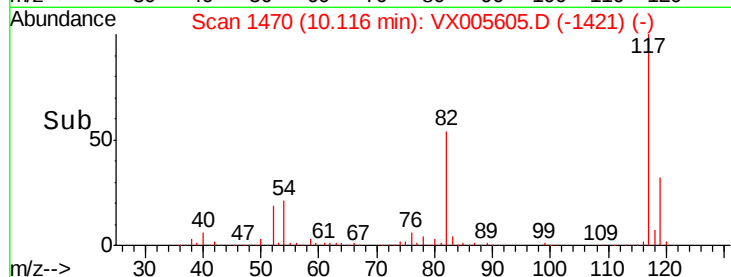
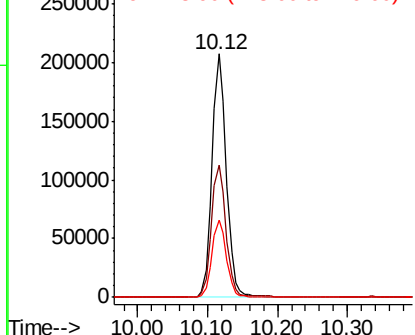
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Instrument :
MSVOA_X
ClientSampled :
NON-UST-1A

Tot Ion:117 Resp: 294488
Ion Ratio Lower Upper
117 100
82 54.1 44.1 66.1
119 31.7 26.2 39.2

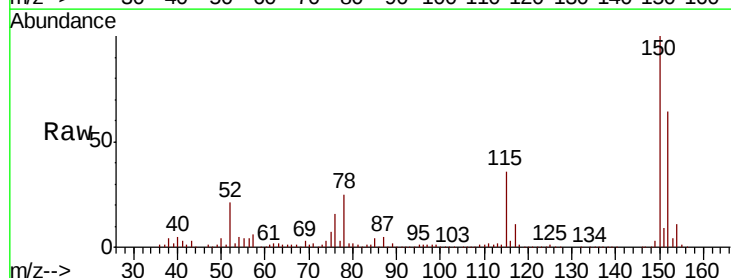


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

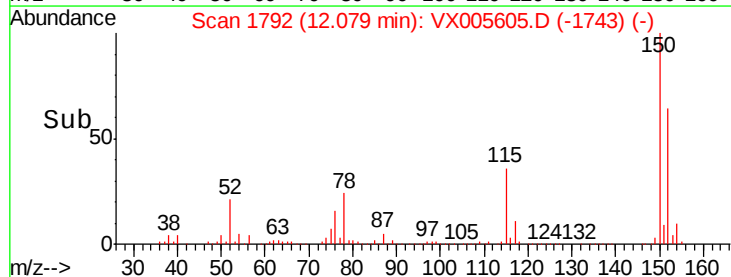
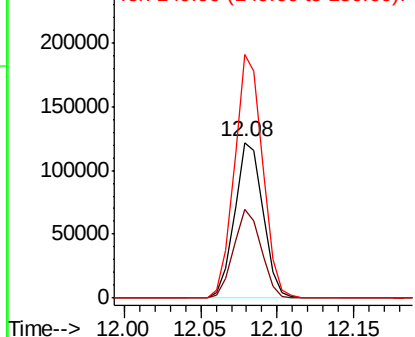


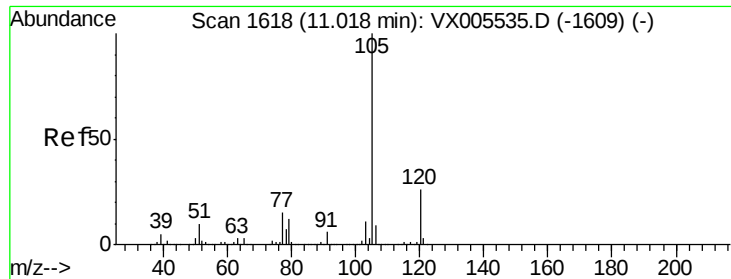
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Tgt Ion:152 Resp: 156010
Ion Ratio Lower Upper
152 100
115 55.7 39.4 118.1
150 155.8 0.0 346.4



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: 0.805 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

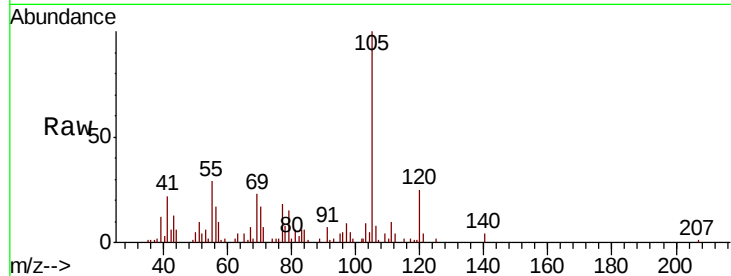
NON-UST-1A

Tot Ion:105 Resp: 7680

Ion Ratio Lower Upper

105 100

120 27.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

3000

2000

1000

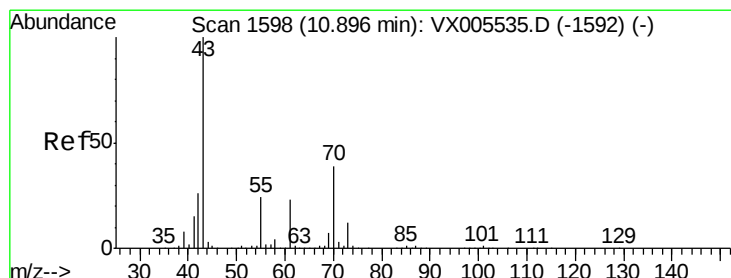
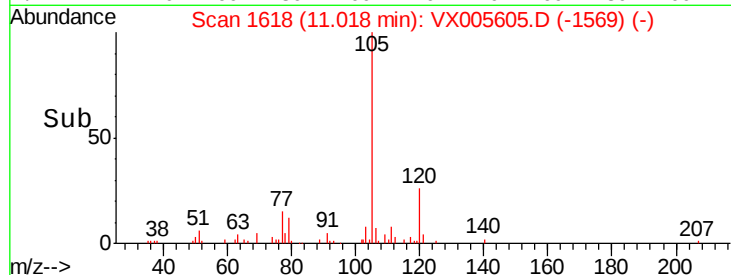
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 1.901 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Tgt Ion: 43 Resp: 8981

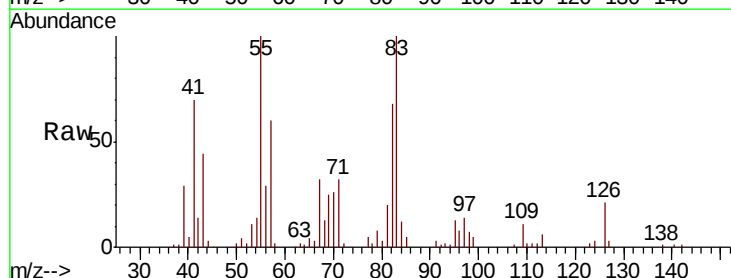
Ion Ratio Lower Upper

43 100

70 84.4 31.6 47.4#

55 205.9 19.7 29.5#

61 0.0 18.3 27.5#



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

15000

10000

5000

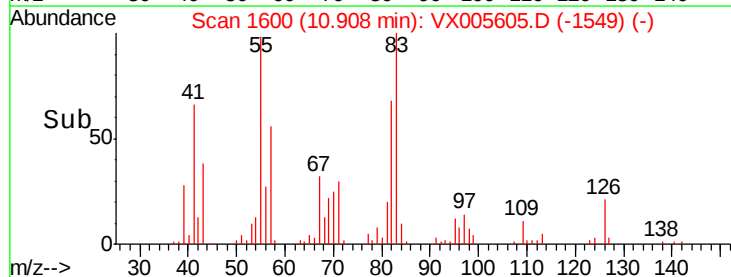
0

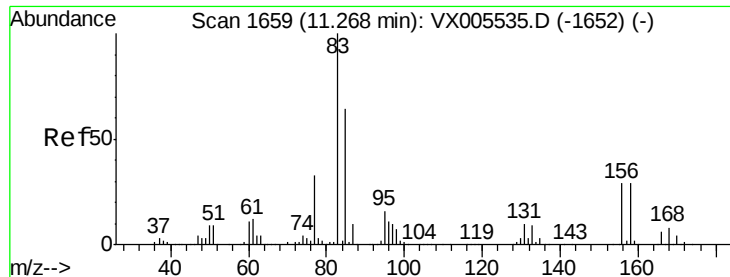
10.91

10.85

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 1.819 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampled :

NON-UST-1A

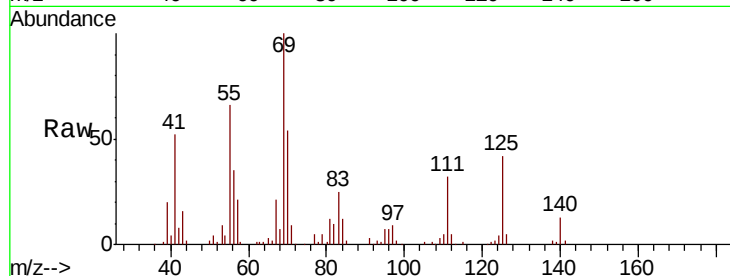
Tot Ion: 83 Resp: 6400

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

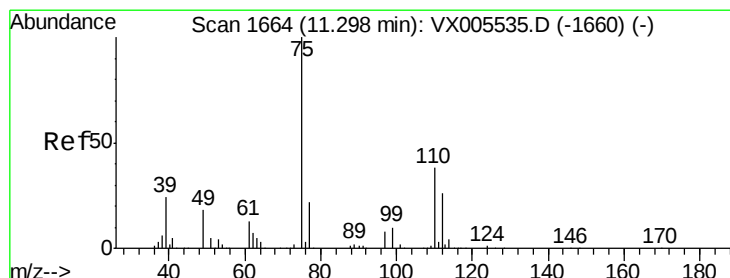
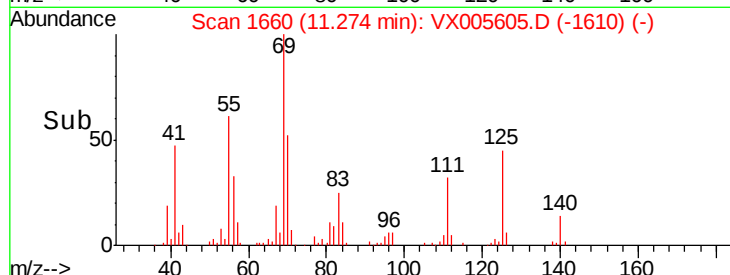
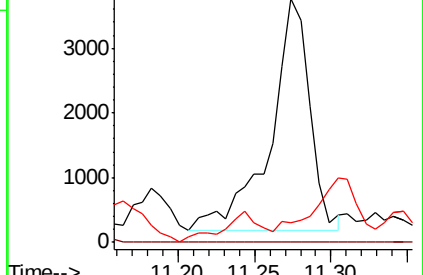
85 0.0 32.0 96.2#



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: 21.594 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005605.D

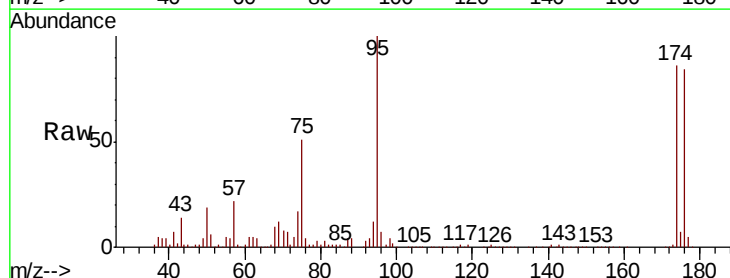
Acq: 26 Oct 2018 15:23

Tgt Ion: 75 Resp: 71378

Ion Ratio Lower Upper

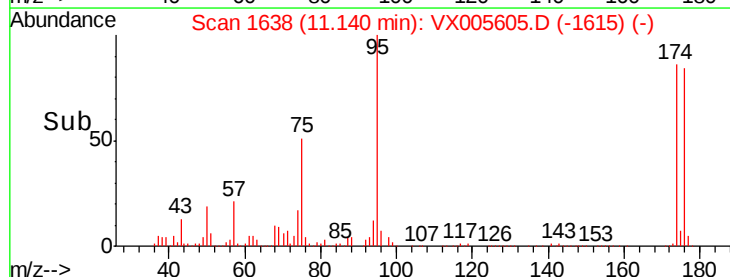
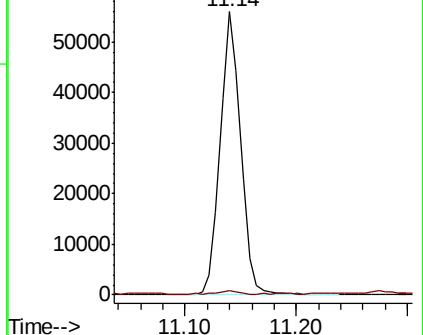
75 100

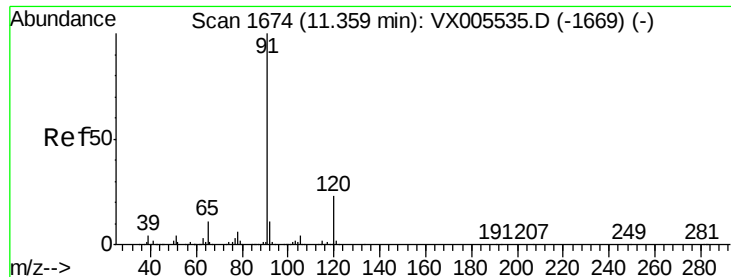
77 1.4 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

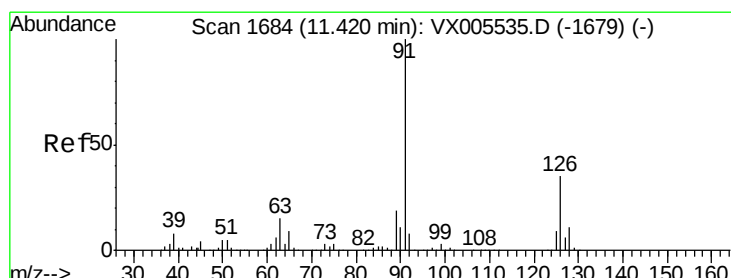
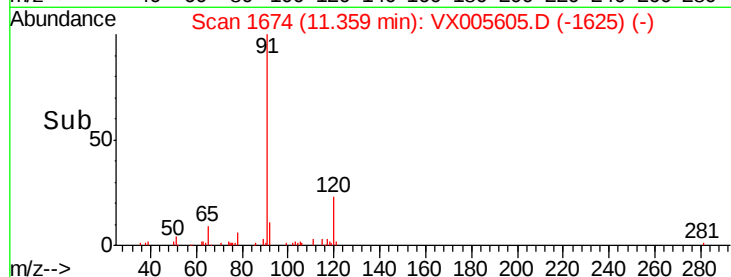
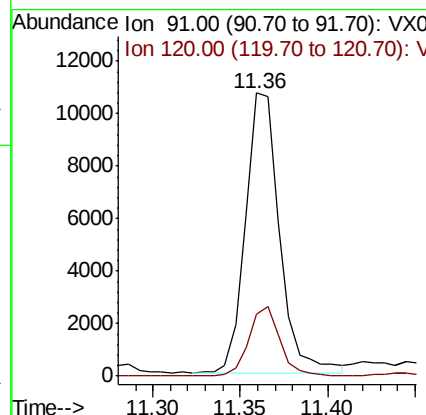
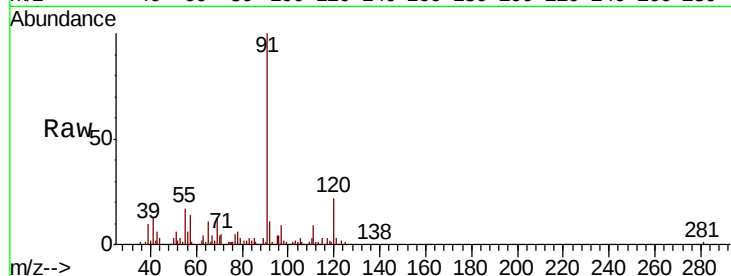




#78
n-propylbenzene
Concen: 1.322 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

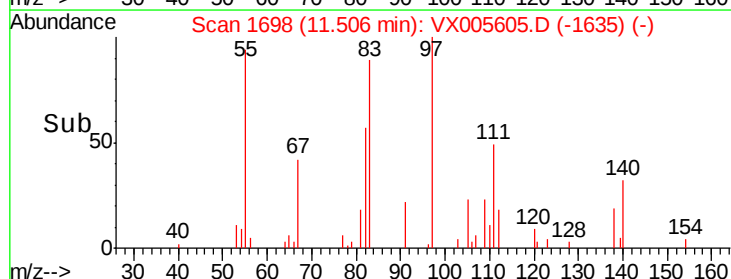
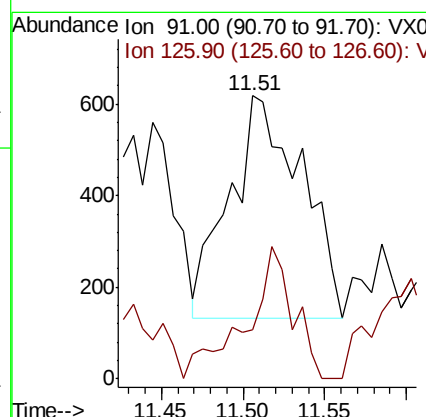
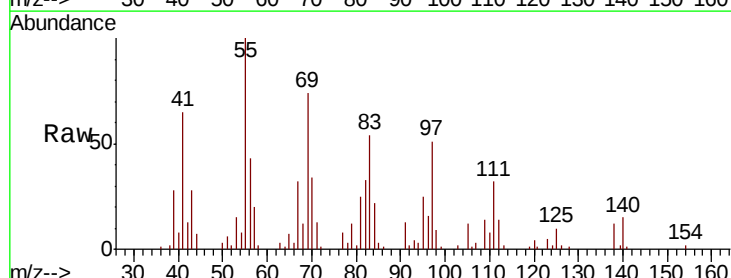
Instrument :
MSVOA_X
ClientSampleId :
NON-UST-1A

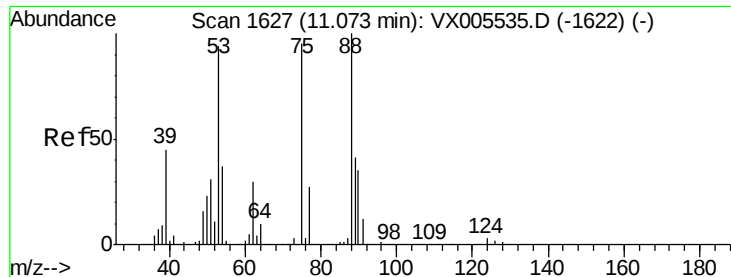
Tot Ion: 91 Resp: 14413
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.222 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.09 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Tgt Ion: 91 Resp: 1501
Ion Ratio Lower Upper
91 100
126 38.7 17.3 52.0





#81

trans-1,4-Dichloro-2-butene

Concen: 70.558 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

NON-UST-1A

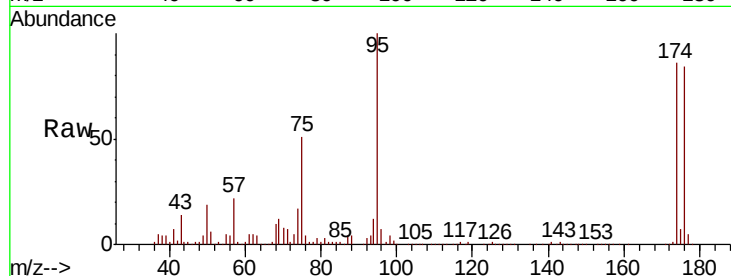
Tot Ion: 75 Resp: 71378

Ion Ratio Lower Upper

75 100

53 1.6 80.2 120.2#

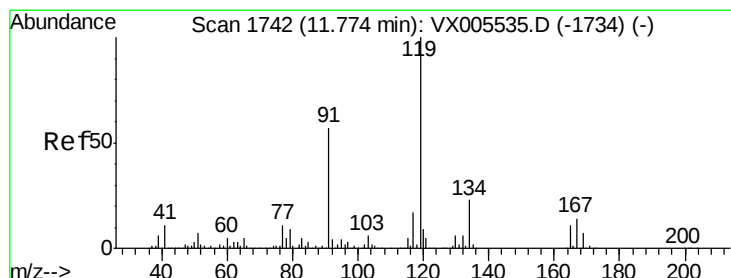
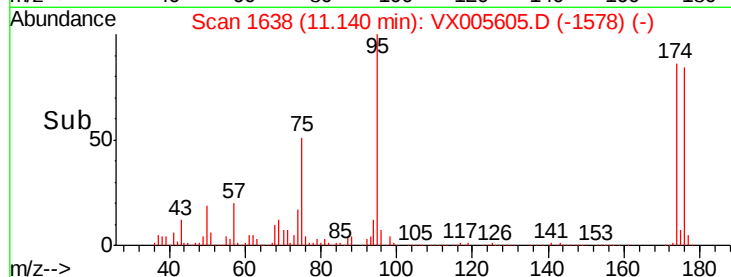
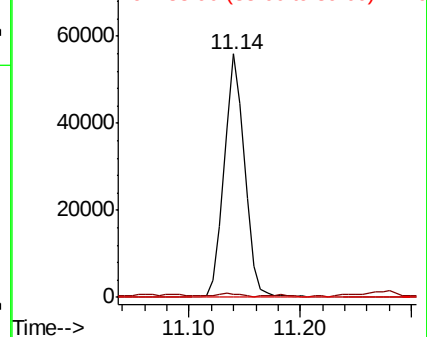
89 0.0 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#83

tert-Butylbenzene

Concen: 0.217 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

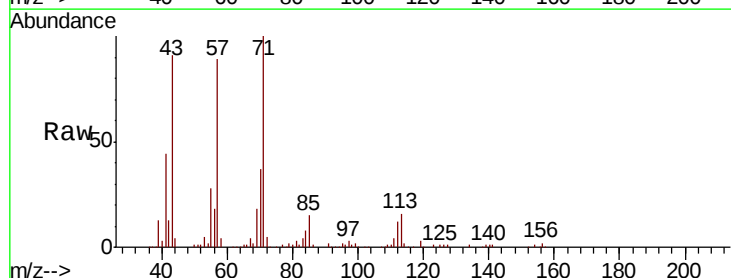
Tgt Ion: 119 Resp: 1767

Ion Ratio Lower Upper

119 100

91 57.3 28.5 85.5

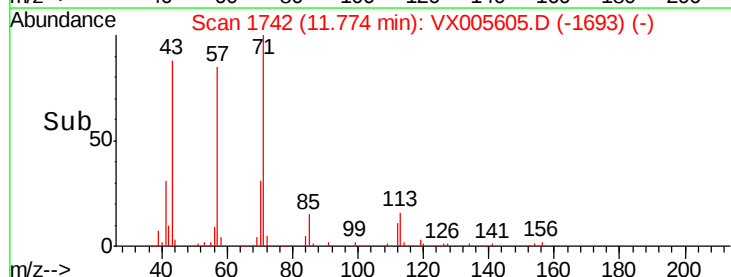
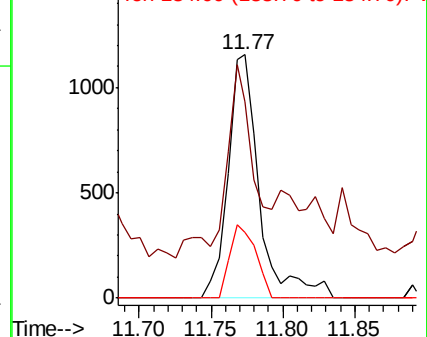
134 24.9 11.3 33.8

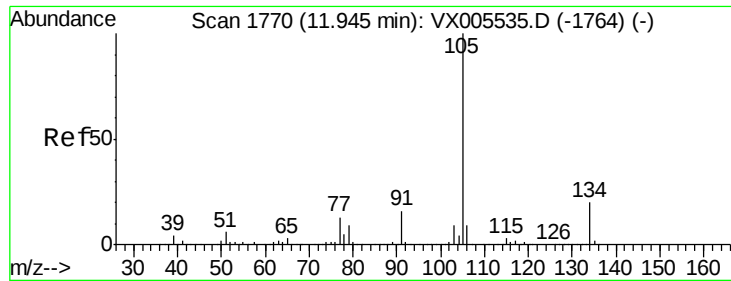


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 1.674 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

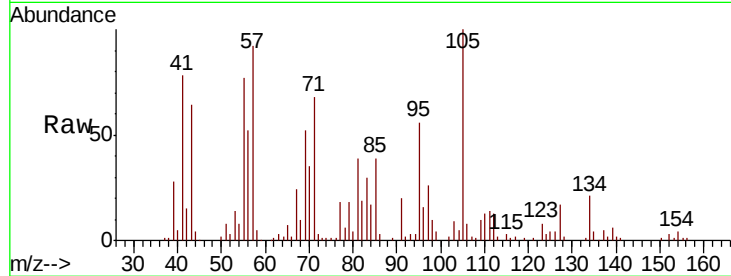
NON-UST-1A

Tot Ion:105 Resp: 16246

Ion Ratio Lower Upper

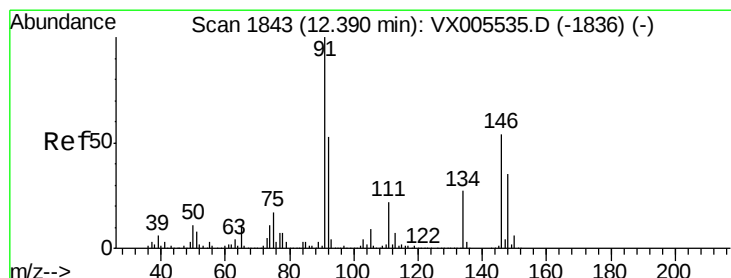
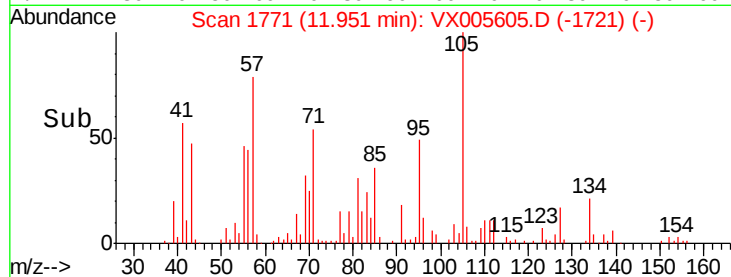
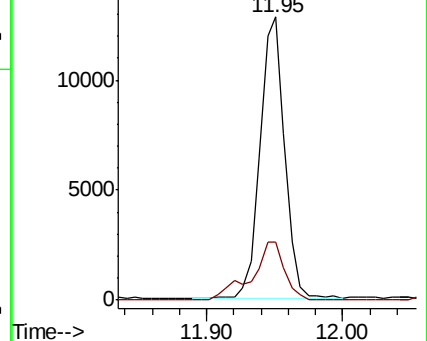
105 100

134 27.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 2.598 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

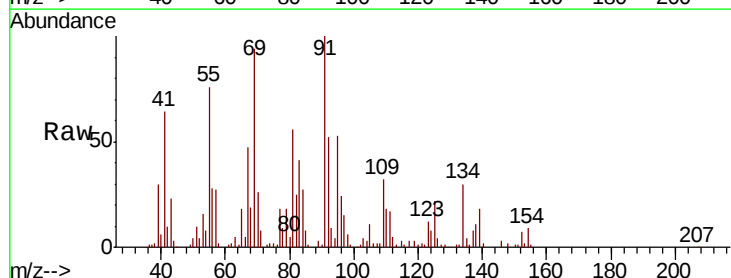
Tgt Ion: 91 Resp: 20345

Ion Ratio Lower Upper

91 100

92 42.4 26.1 78.2

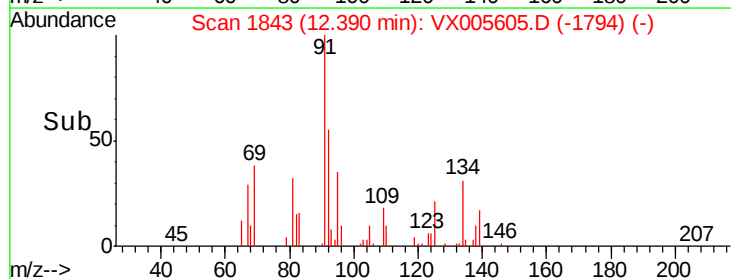
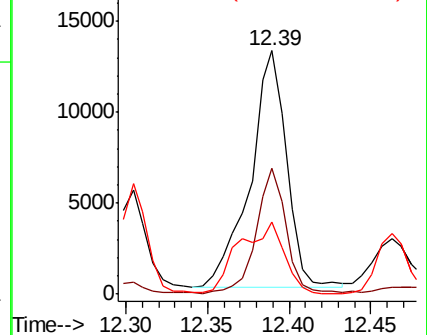
134 37.8 13.1 39.3

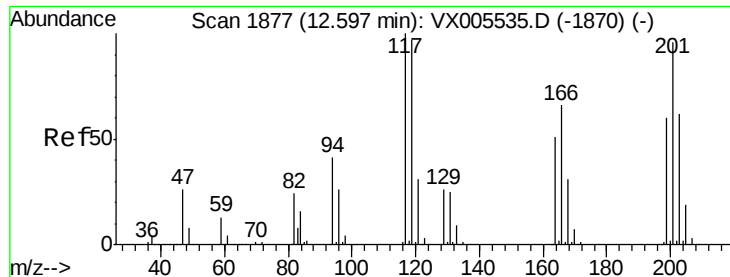


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 6.498 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampled :

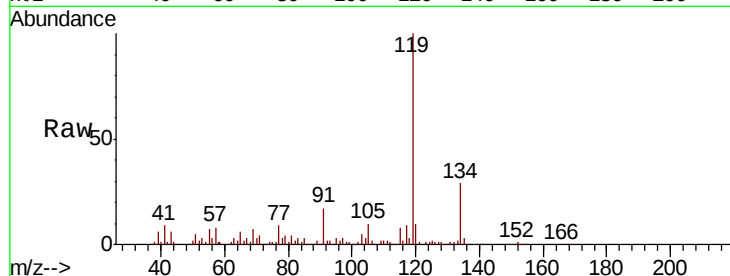
NON-UST-1A

Tot Ion:117 Resp: 9722

Ion Ratio Lower Upper

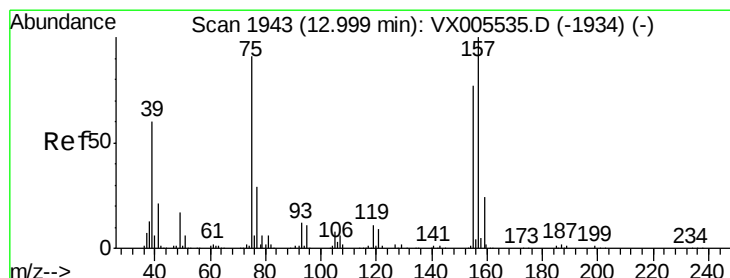
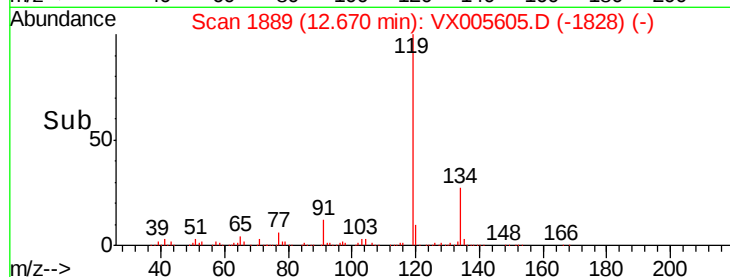
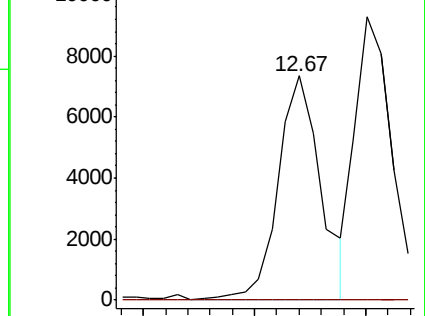
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.171 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

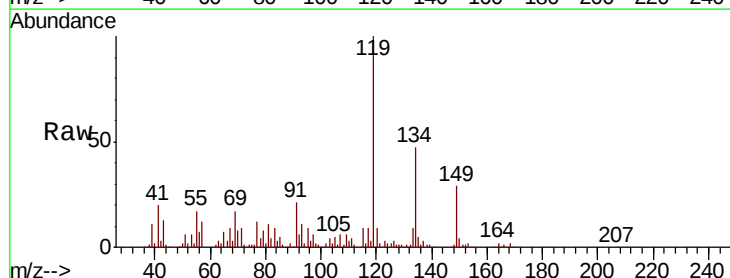
Tgt Ion: 75 Resp: 996

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

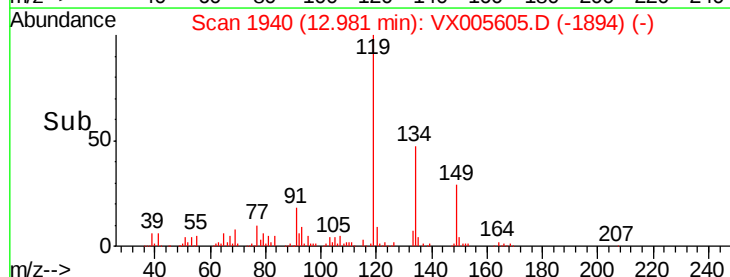
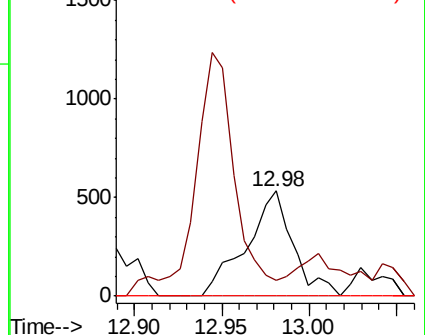
157 0.0 57.4 172.0#

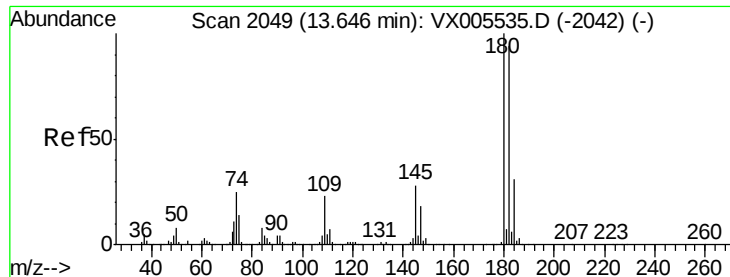


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

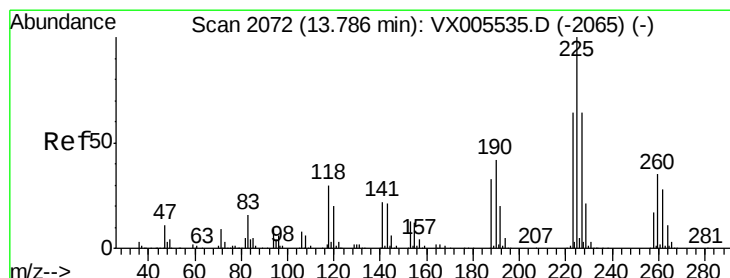
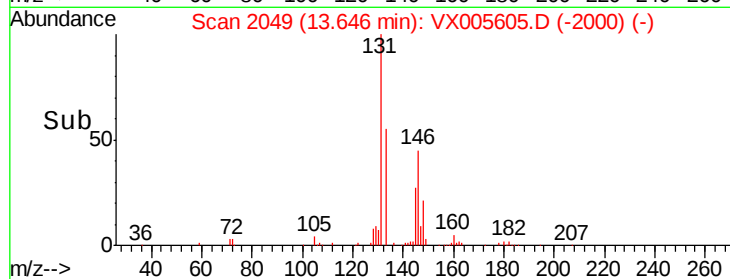
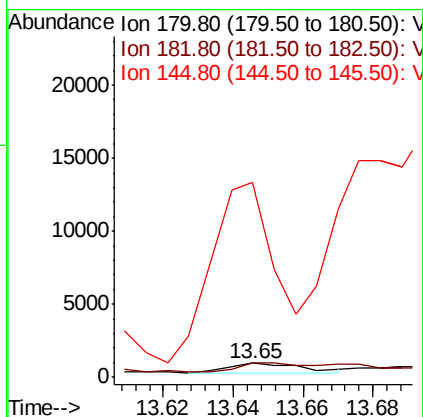
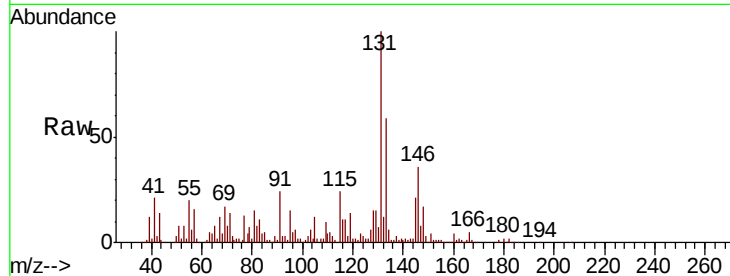




#93
1,2,4-Trichlorobenzene
Concen: 0.247 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

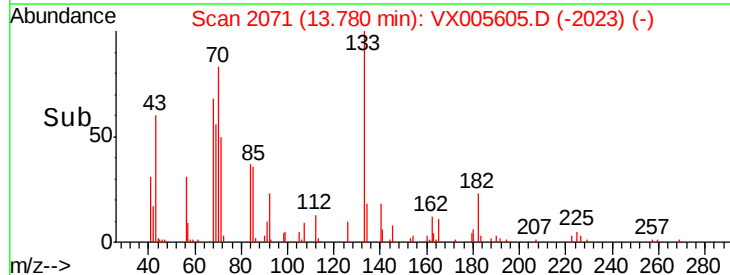
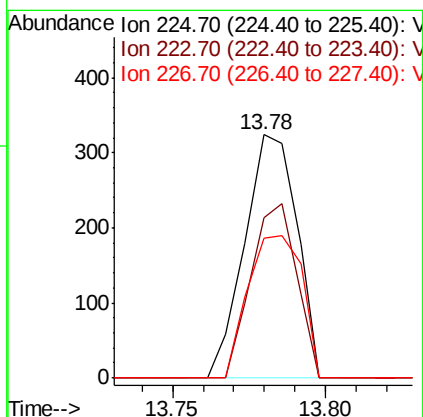
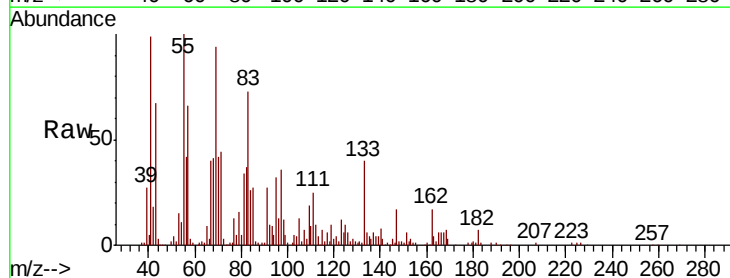
Instrument :
MSVOA_X
ClientSampleId :
NON-UST-1A

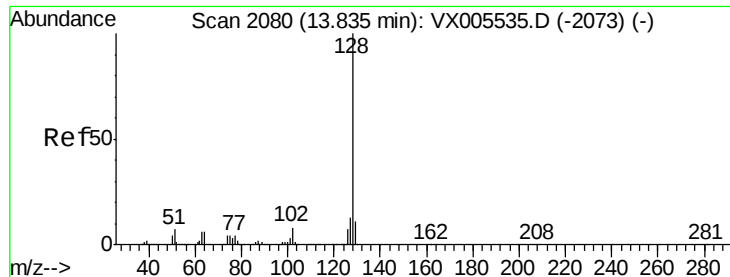
Tot Ion:180 Resp: 906
Ion Ratio Lower Upper
180 100
182 103.8 47.6 142.8
145 1840.4 14.1 42.2#



#94
Hexachlorobutadiene
Concen: 0.203 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Tgt Ion:225 Resp: 385
Ion Ratio Lower Upper
225 100
223 62.3 31.7 95.1
227 60.5 32.3 96.9





#95

Naphthalene

Concen: 0.744 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

NON-UST-1A

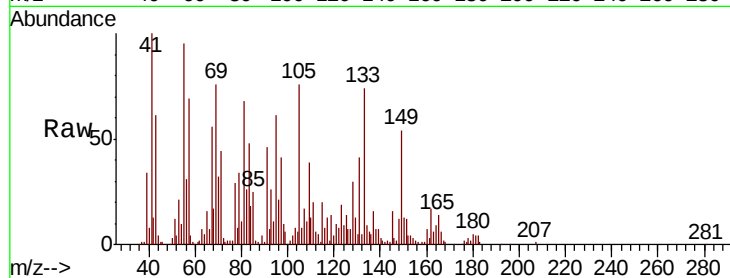
Tot Ion:128 Resp: 7924

Ion Ratio Lower Upper

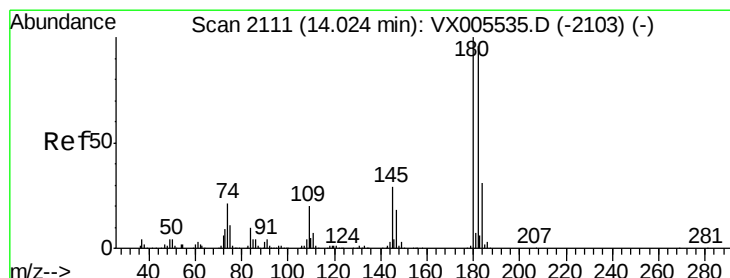
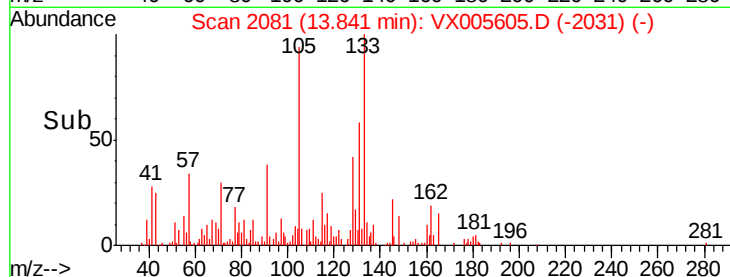
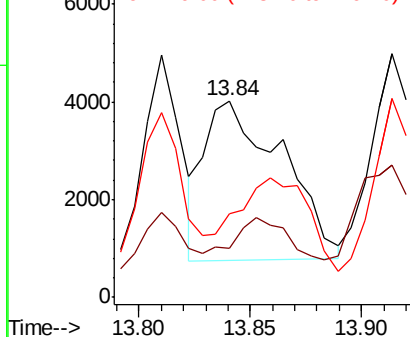
128 100

127 30.5 10.4 15.6#

129 51.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.799 ug/l

RT: 14.04 min Scan# 2113

Delta R.T. 0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

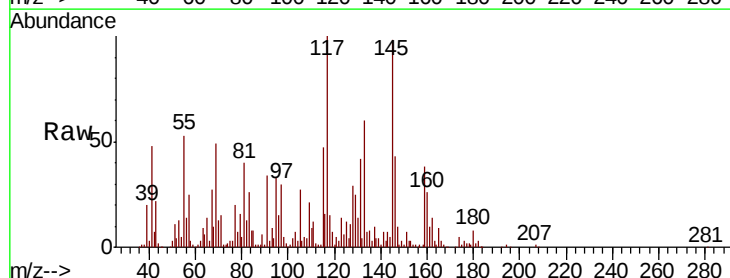
Tgt Ion:180 Resp: 2970

Ion Ratio Lower Upper

180 100

182 40.6 48.0 144.2#

145 1261.5 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

