

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006473.D
 Acq On : 13 Dec 2018 04:39
 Operator : JC/MD
 Sample : J6189-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-121118-C

Quant Time: Dec 13 06:59:21 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	691559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1061596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	992633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	477707	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	356727	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.06%		
35) Dibromofluoromethane	5.51	113	322006	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.70%		
50) Toluene-d8	8.71	98	1263992	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.12%		
62) 4-Bromofluorobenzene	11.14	95	467494	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.24%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	35292	10.652	ug/l	95
18) Methyl Acetate	2.78	43	23066	2.082	ug/l #	87
20) Methylene Chloride	2.86	84	197665	28.033	ug/l	92
25) 2-Butanone	4.71	43	3040	0.643	ug/l	94
29) Tetrahydrofuran	5.15	42	1347	0.410	ug/l #	50
36) 1,1-Dichloropropene	5.66	75	43395	4.854	ug/l #	49
38) Carbon Tetrachloride	5.66	117	63042	5.994	ug/l #	16
43) Isopropyl Acetate	6.47	43	32559	1.951	ug/l	96
48) Methyl methacrylate	7.68	41	16342	2.012	ug/l #	13
49) 1,4-Dioxane	7.75	88	88	0.440	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	165657	17.048	ug/l #	49
52) Toluene	8.79	92	5816	0.330	ug/l	99
54) cis-1,3-Dichloropropene	8.62	75	90720	7.849	ug/l #	58
57) 1,3-Dichloropropane	9.54	76	20246	1.789	ug/l #	45
59) 2-Hexanone	9.54	43	252231	33.976	ug/l #	52
67) Ethyl Benzene	10.25	91	11587	0.331	ug/l	98
68) m/p-Xylenes	10.36	106	20626	1.469	ug/l	99
69) o-Xylene	10.70	106	20510	1.479	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	214984	23.316	ug/l #	38
78) n-propylbenzene	11.36	91	22587	0.616	ug/l	99
79) 2-Chlorotoluene	11.43	91	14608	0.670	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	69296	2.525	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	214984	54.716	ug/l #	15
82) 4-Chlorobenzene	11.51	91	7893	0.311	ug/l #	49
83) tert-Butylbenzene	11.80	119	28230	0.964	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.80	105	225980	7.973	ug/l	100
85) sec-Butylbenzene	11.94	105	9757	0.293	ug/l	100
86) p-Isopropyltoluene	12.02	119	14861	0.495	ug/l	96
89) n-Butylbenzene	12.38	91	18357	0.717	ug/l #	20
90) Hexachloroethane	12.61	117	3723	0.609	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	637	0.235	ug/l #	1
95) Naphthalene	13.83	128	74778	2.038	ug/l	97

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

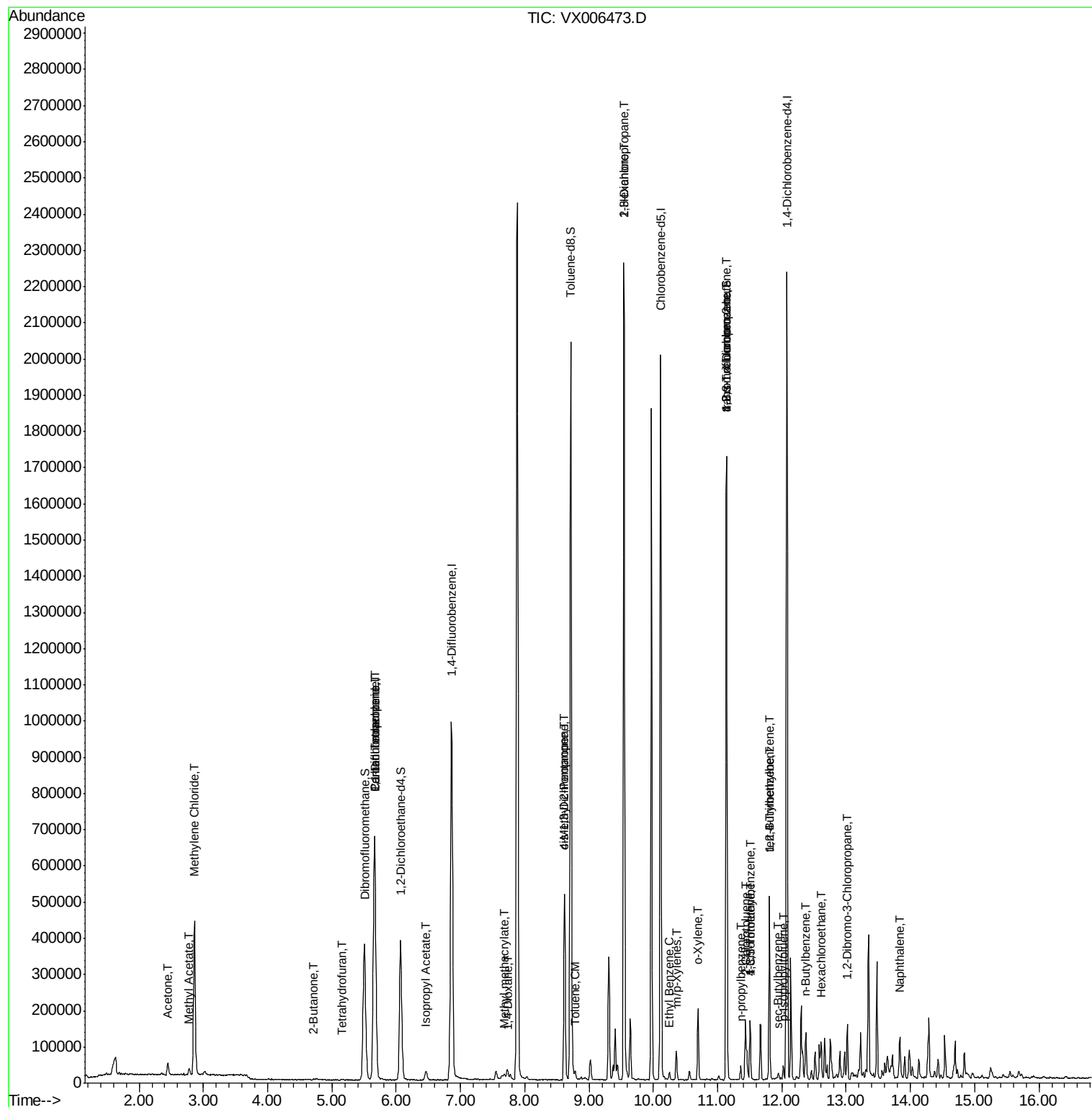
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

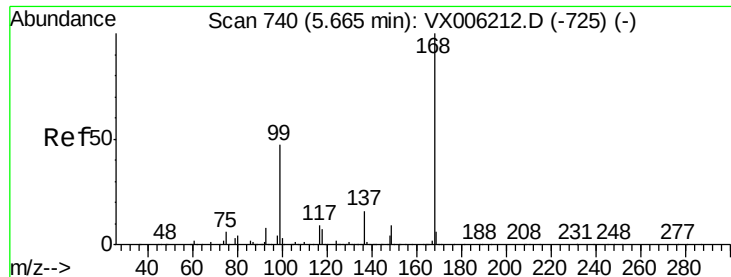
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

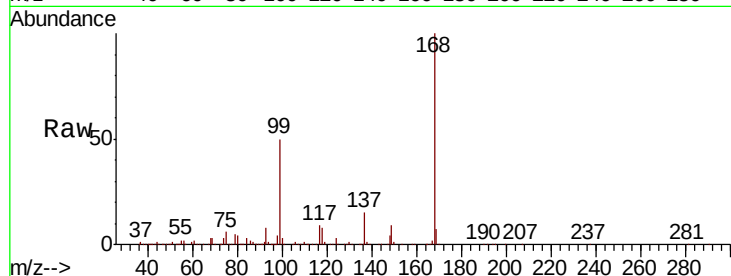
HR-05-121118-C

Tot Ion:168 Resp: 691559

Ion Ratio Lower Upper

168 100

99 50.5 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

250000

200000

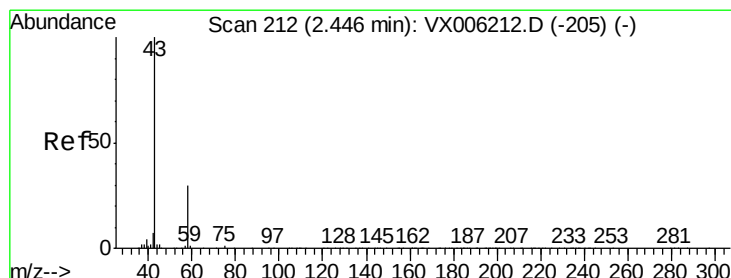
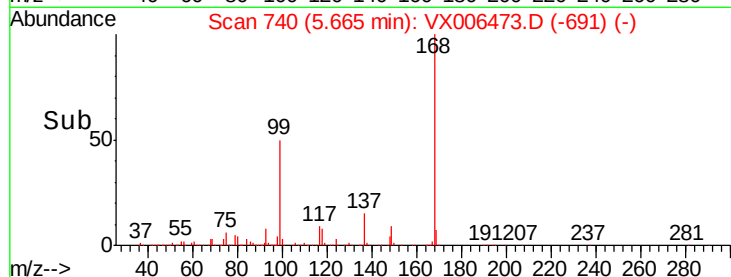
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.652 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006473.D

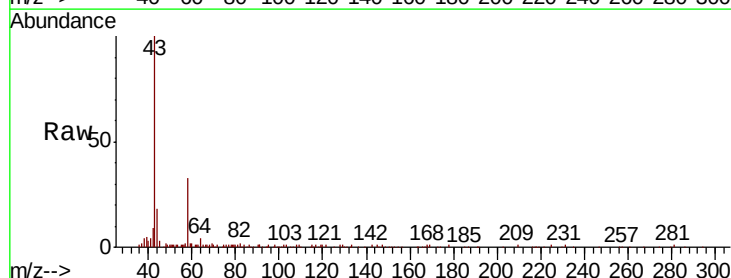
Acq: 13 Dec 2018 04:39

Tgt Ion: 43 Resp: 35292

Ion Ratio Lower Upper

43 100

58 32.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

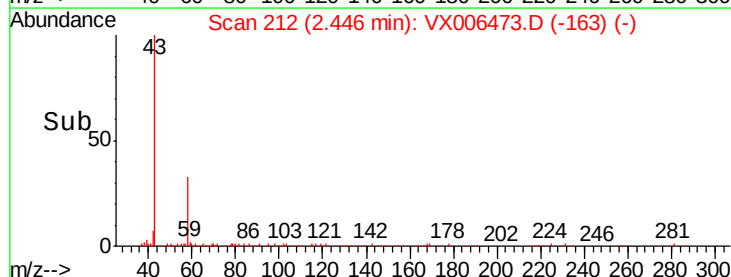
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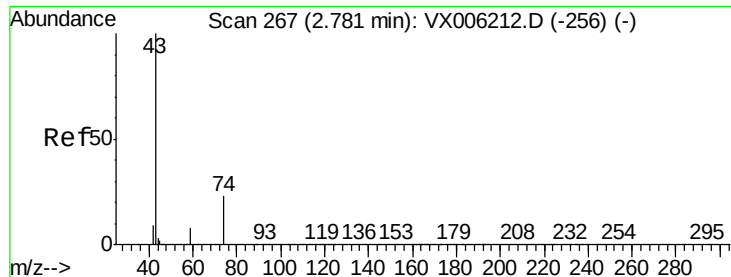
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Time-->

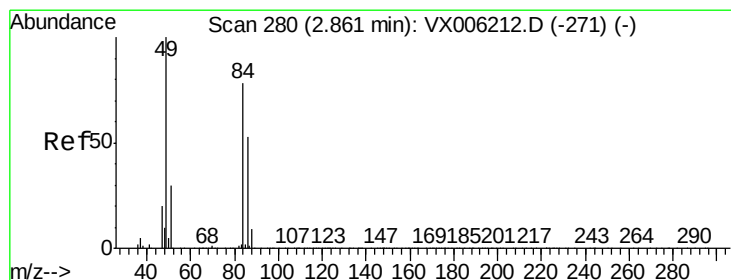
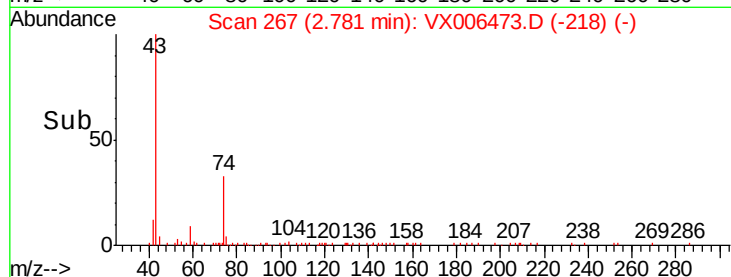
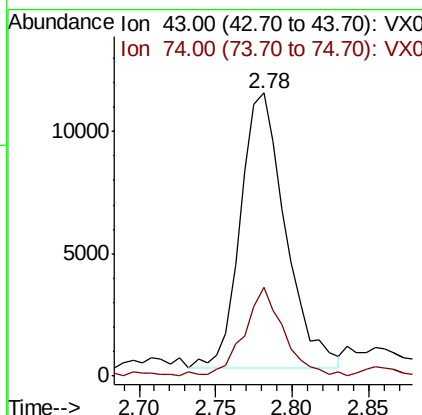
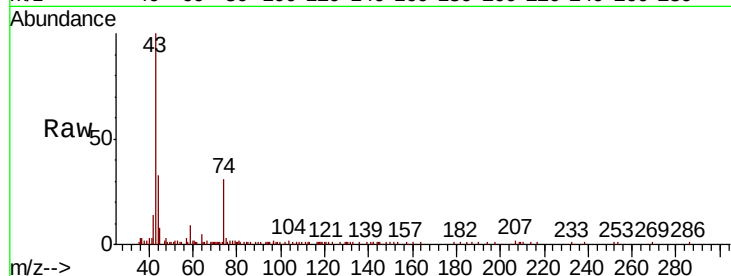




#18
Methyl Acetate
Concen: 2.082 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

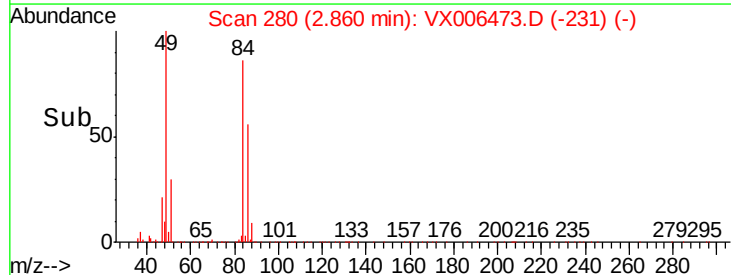
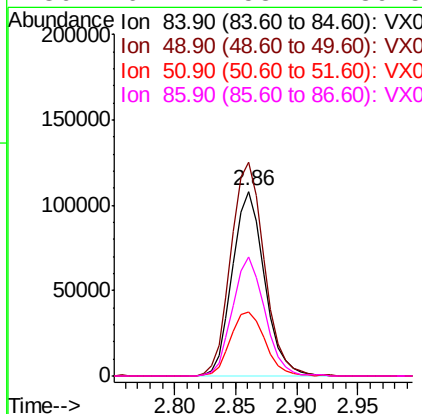
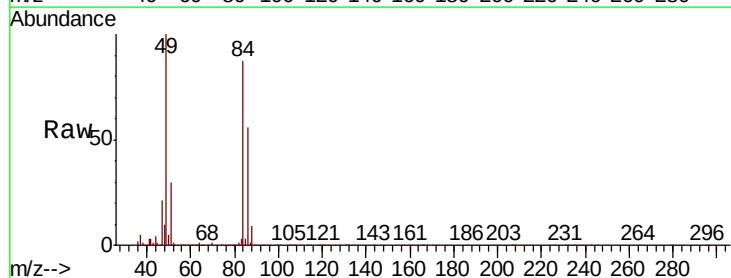
Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-C

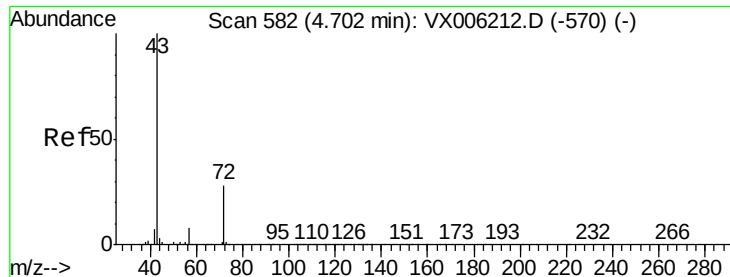
Tot Ion: 43 Resp: 23066
Ion Ratio Lower Upper
43 100
74 28.6 17.9 26.9#



#20
Methylene Chloride
Concen: 28.033 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

Tgt Ion: 84 Resp: 197665
Ion Ratio Lower Upper
84 100
49 115.6 102.2 153.4
51 34.7 31.1 46.7
86 64.1 53.7 80.5

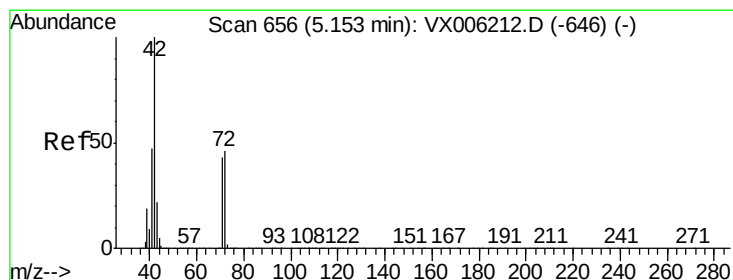
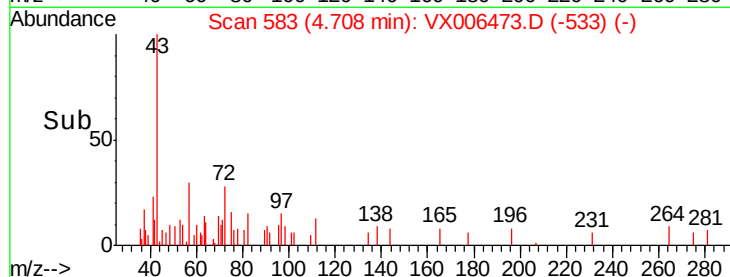
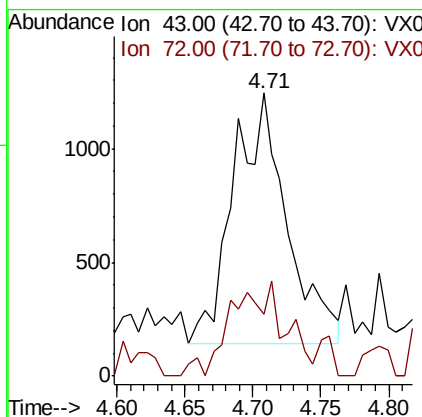
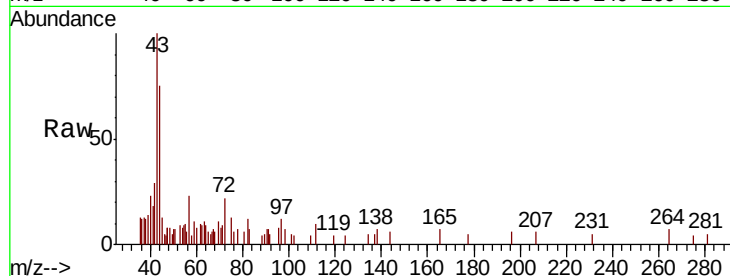




#25
2-Butanone
Concen: 0.643 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

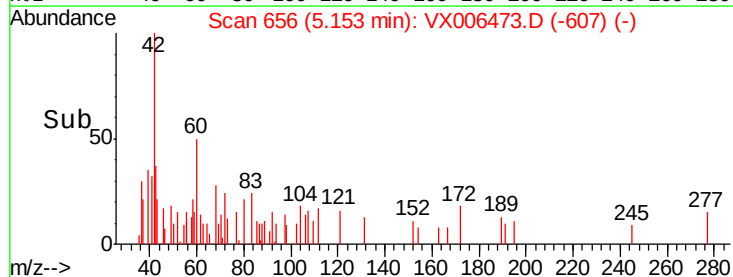
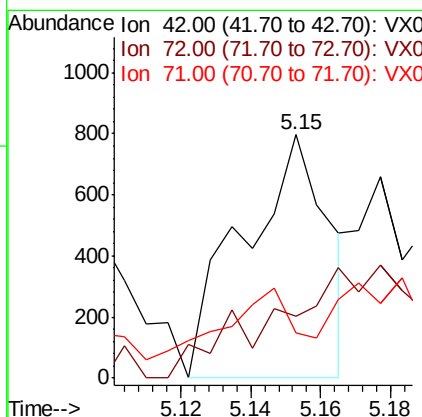
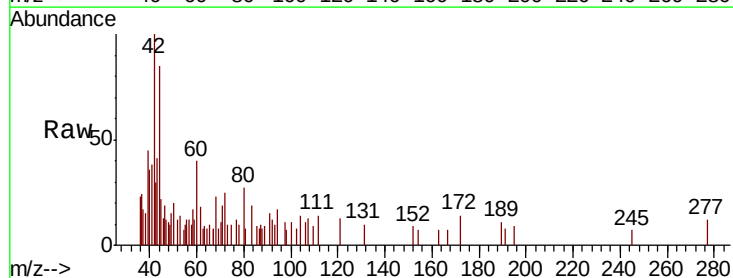
Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-C

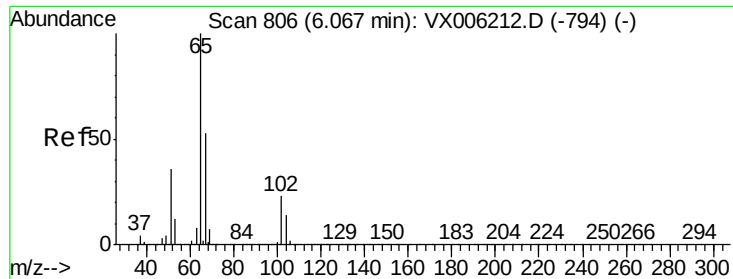
Tot Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
72 24.9 22.6 33.8



#29
Tetrahydrofuran
Concen: 0.410 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

Tgt Ion: 42 Resp: 1347
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.8#
71 25.3 35.2 52.8#

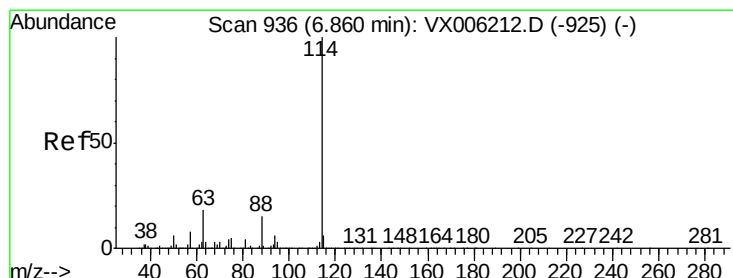
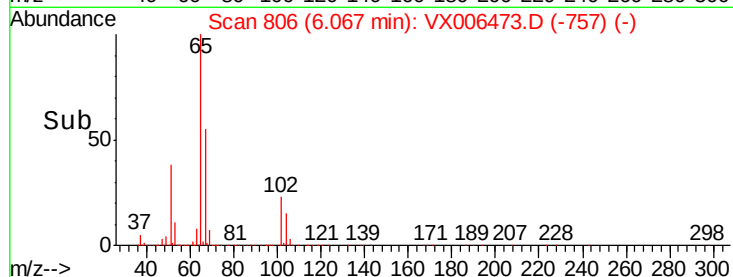
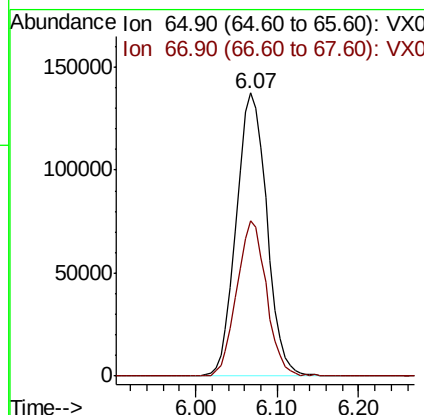
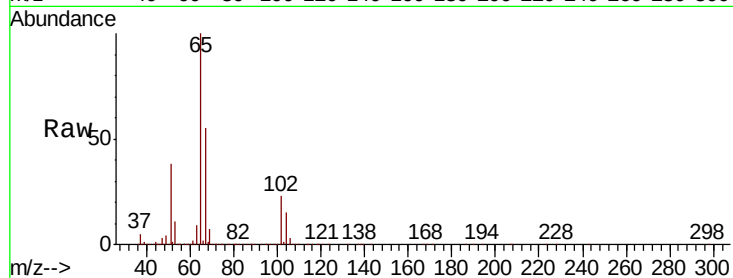




#33
 1,2-Dichloroethane-d4
 Concen: 50.530 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006473.D
 Acq: 13 Dec 2018 04:39

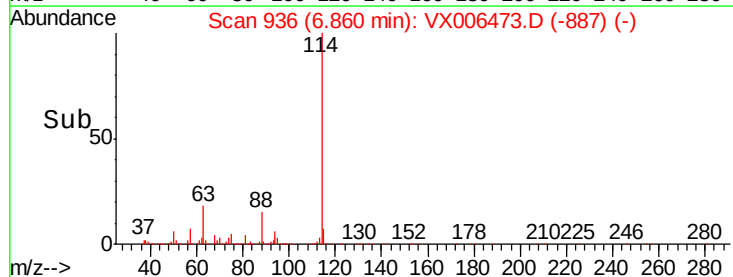
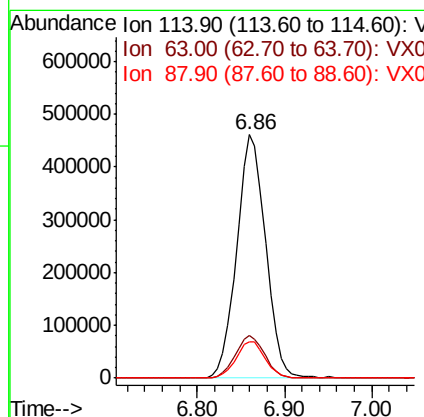
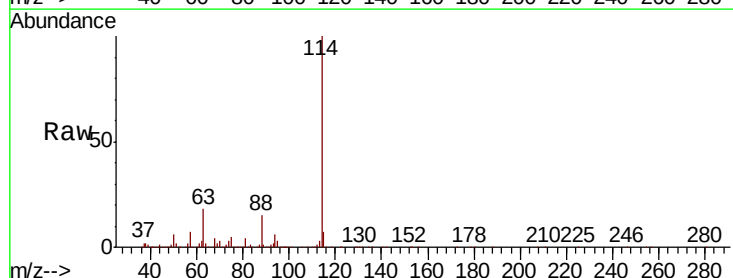
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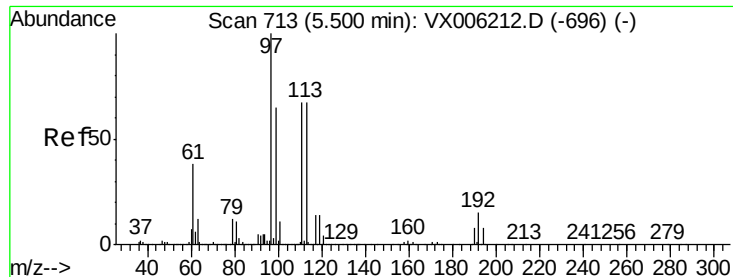
Tot Ion: 65 Resp: 356727
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006473.D
 Acq: 13 Dec 2018 04:39

Tgt Ion: 114 Resp: 1061596
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.6
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.848 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

HR-05-121118-C

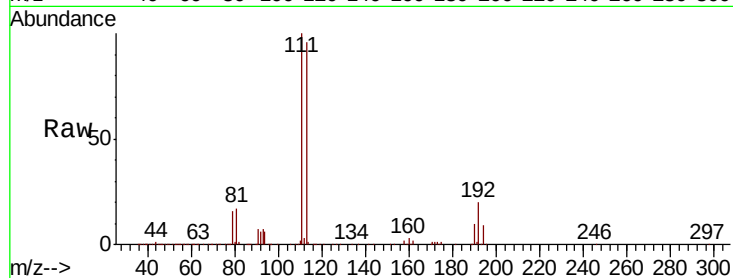
Tot Ion:113 Resp: 322006

Ion Ratio Lower Upper

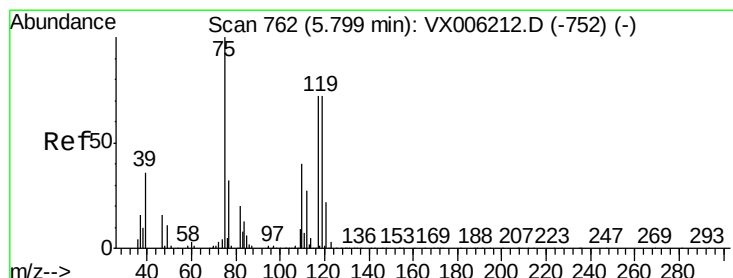
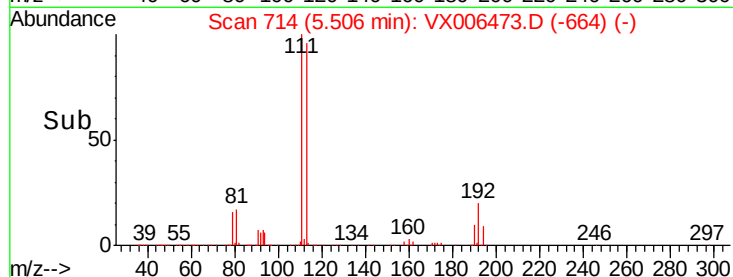
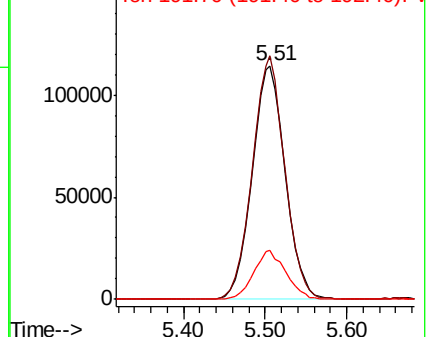
113 100

111 102.5 81.1 121.7

192 20.6 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: 4.854 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

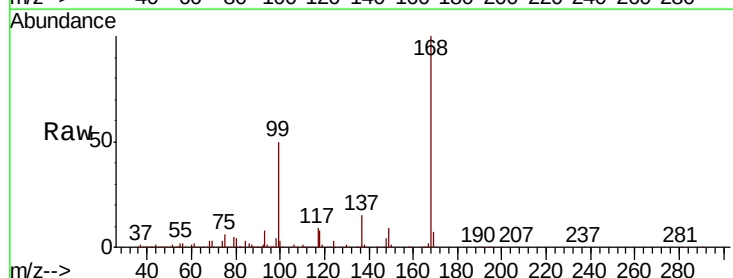
Tgt Ion: 75 Resp: 43395

Ion Ratio Lower Upper

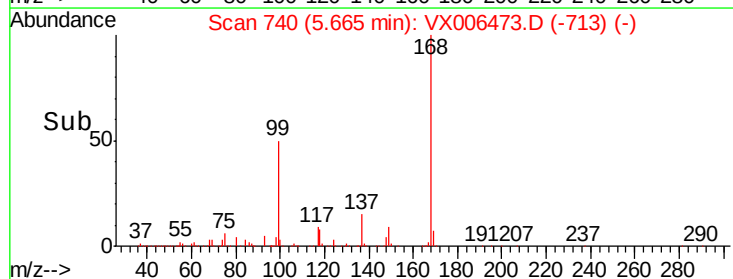
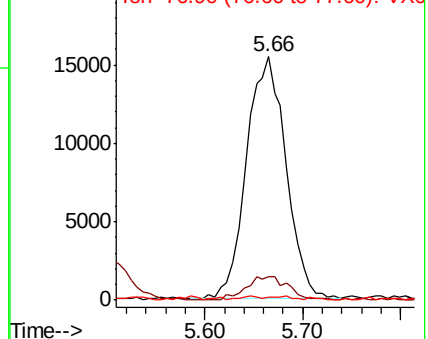
75 100

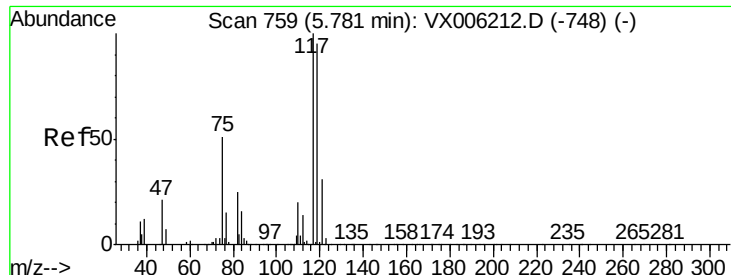
110 10.6 20.4 61.3#

77 0.8 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: 5.994 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

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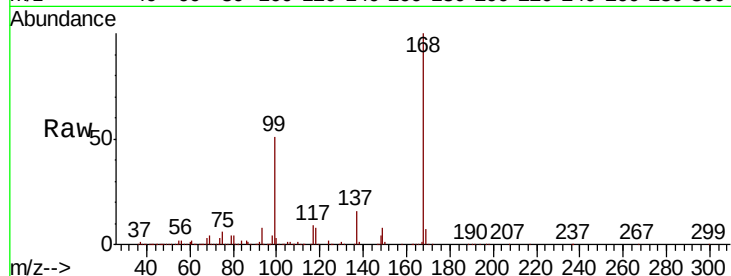
Tot Ion:117 Resp: 63042

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

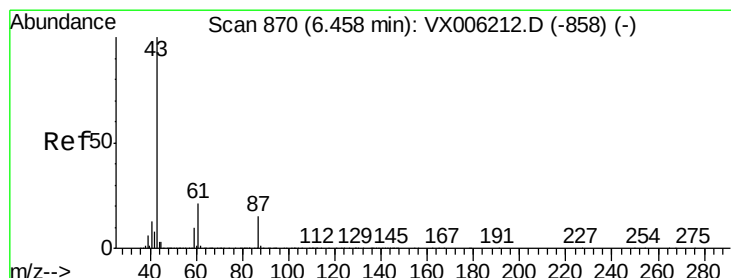
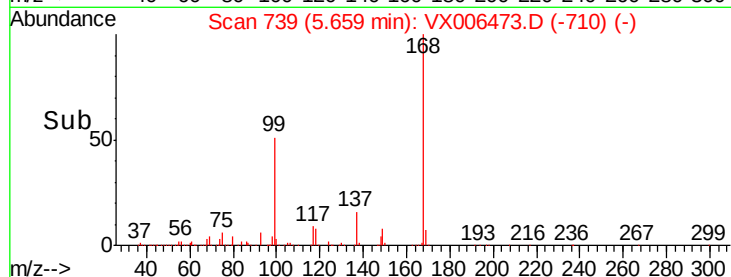
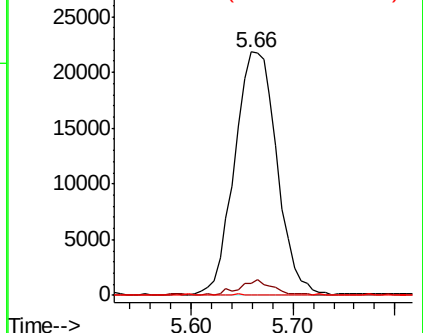
121 0.0 24.6 37.0#



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



#43

Isopropyl Acetate

Concen: 1.951 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

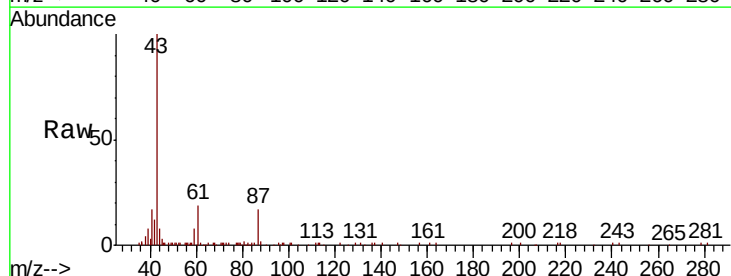
Tgt Ion: 43 Resp: 32559

Ion Ratio Lower Upper

43 100

61 22.9 16.8 25.2

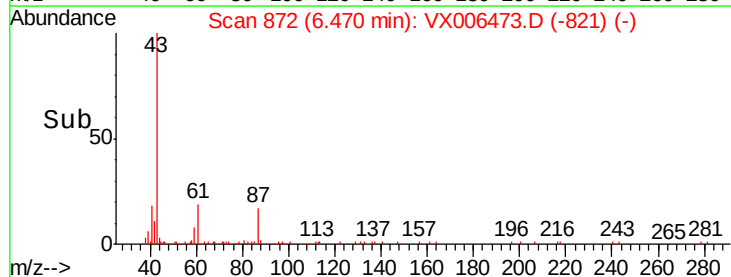
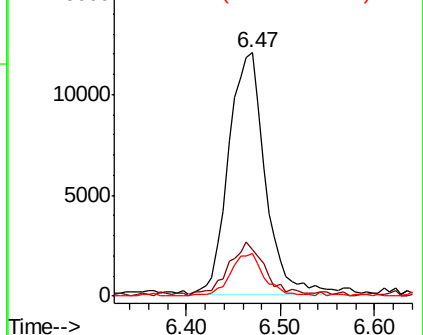
87 16.4 11.9 17.9

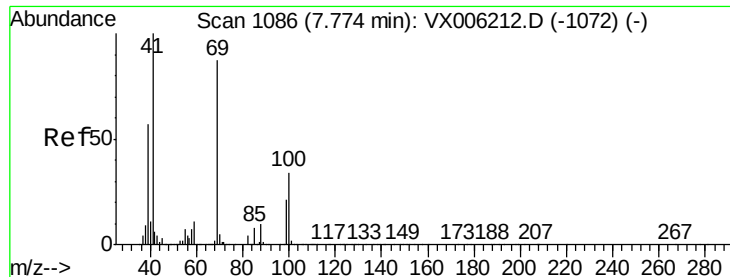


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

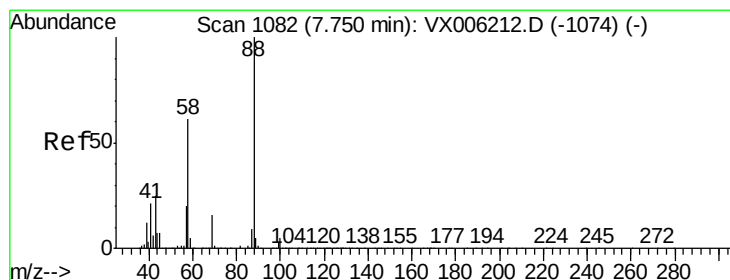
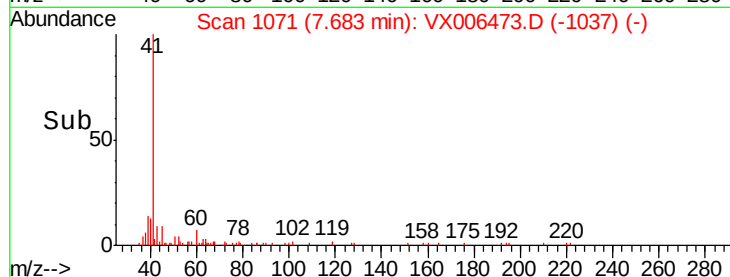
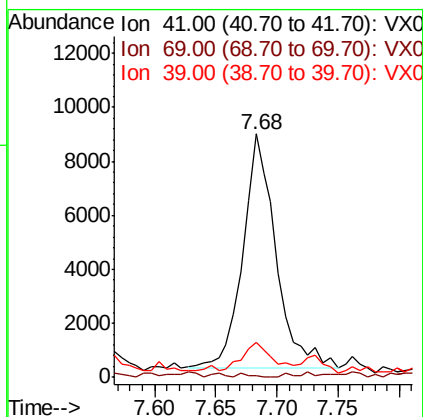
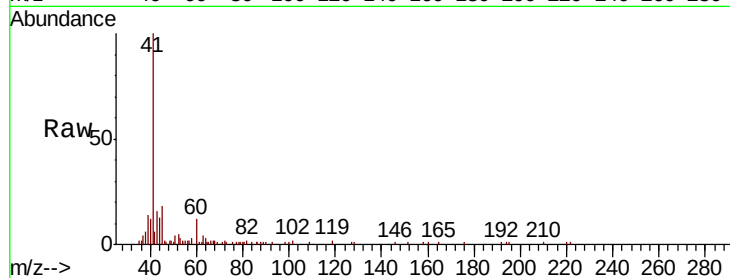




#48
Methvl methacrylate
Concen: 2.012 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

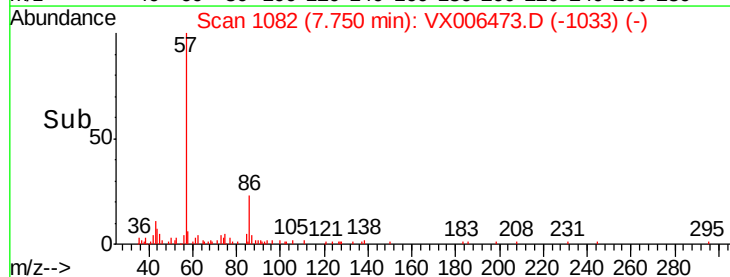
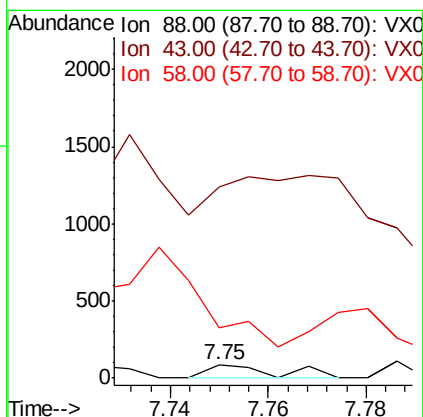
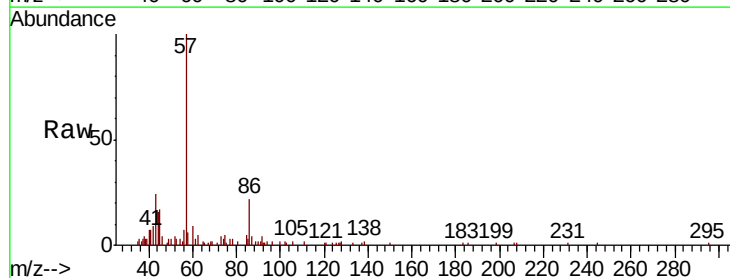
Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-C

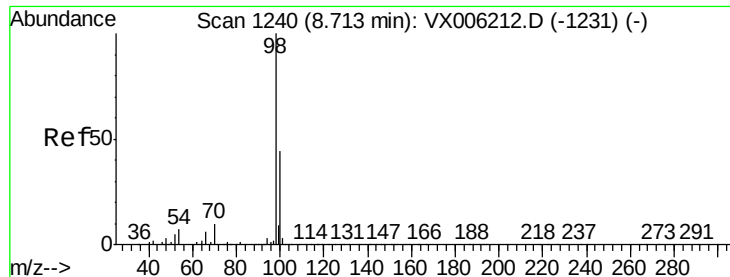
Tot Ion	Ratio	Lower	Upper
41	100		
69	0.7	70.3	105.5#
39	0.0	45.3	67.9#



#49
1,4-Dioxane
Concen: 0.440 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	1760.2	51.4	77.0#





#50

Toluene-d8

Concen: 50.557 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

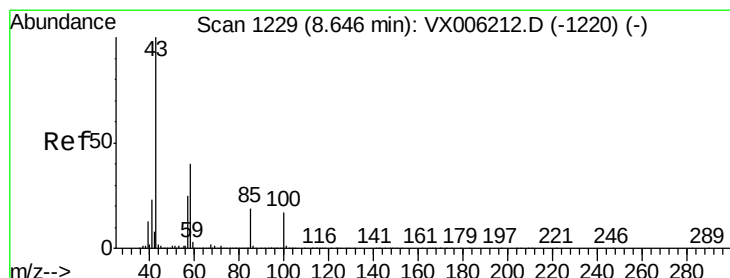
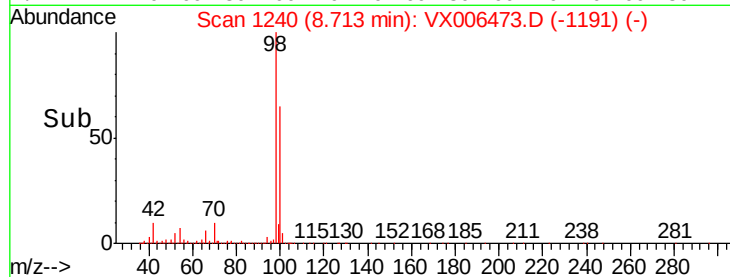
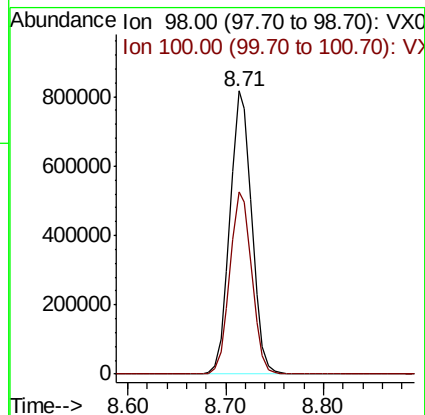
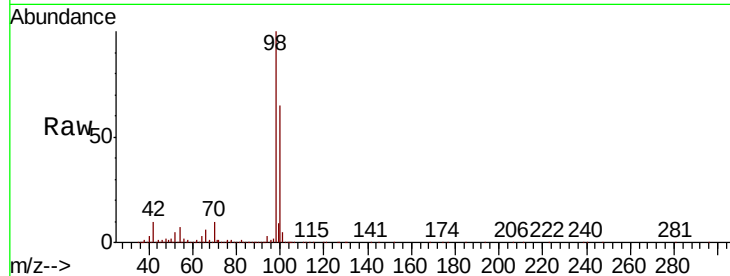
HR-05-121118-C

Tot Ion: 98 Resp: 1263992

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 17.048 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006473.D

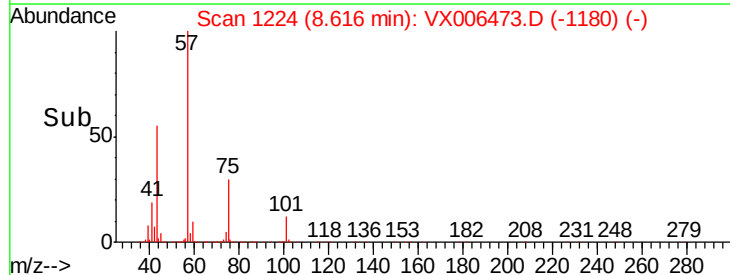
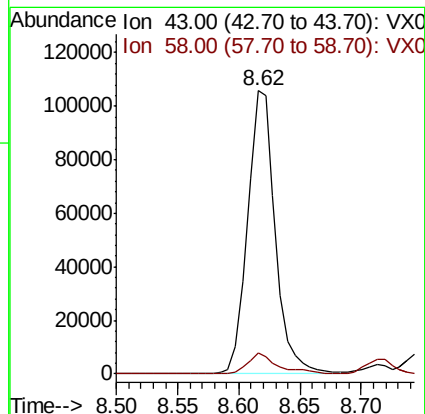
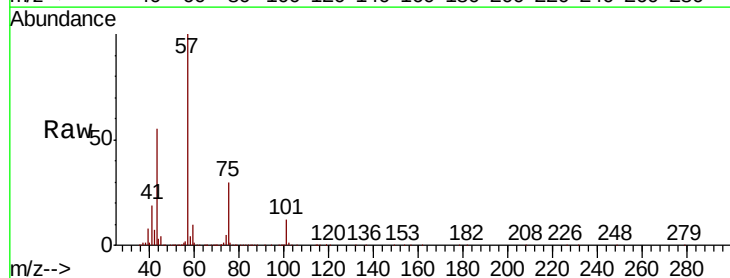
Acq: 13 Dec 2018 04:39

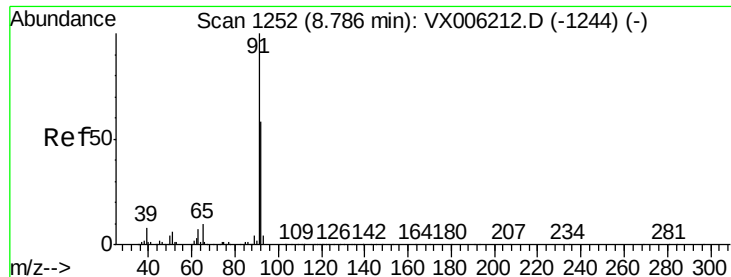
Tgt Ion: 43 Resp: 165657

Ion Ratio Lower Upper

43 100

58 7.9 31.3 46.9#





#52

Toluene

Concen: 0.330 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

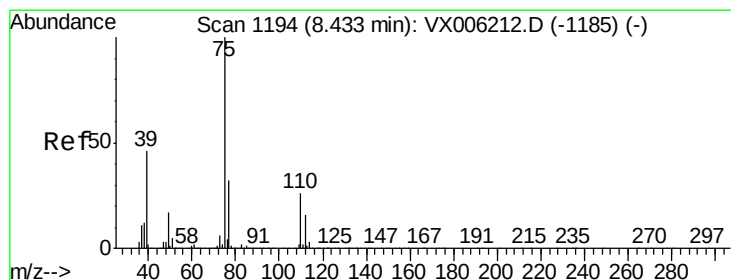
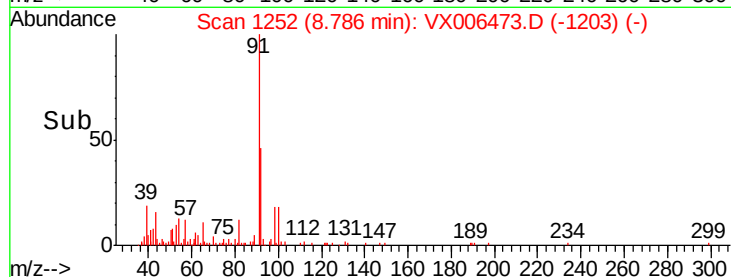
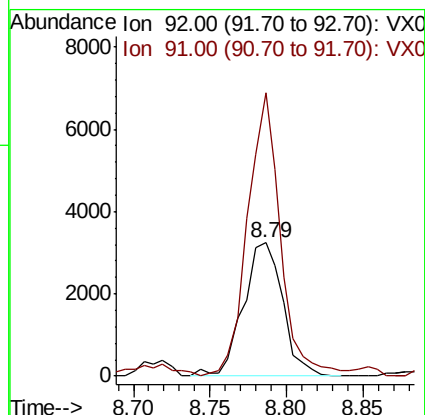
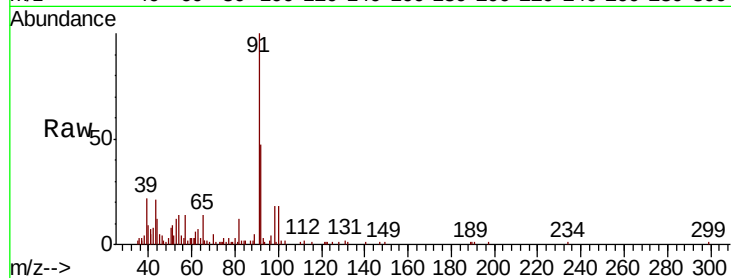
HR-05-121118-C

Tot Ion: 92 Resp: 5816

Ion Ratio Lower Upper

92 100

91 175.9 139.2 208.8



#54

cis-1,3-Dichloropropene

Concen: 7.849 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

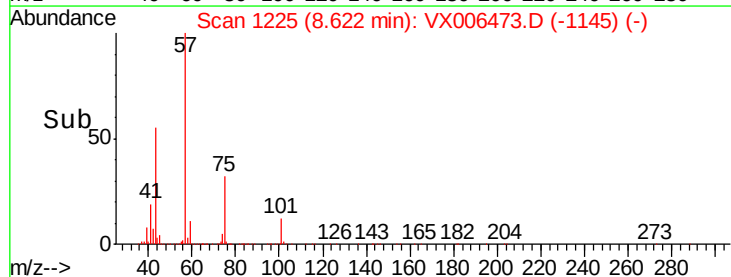
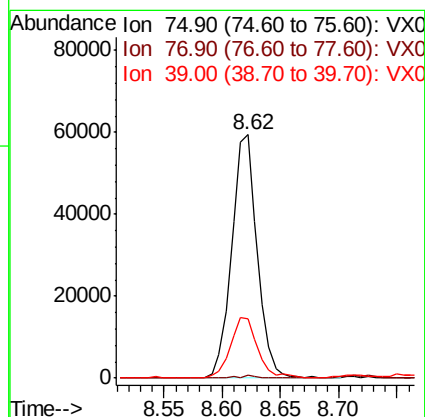
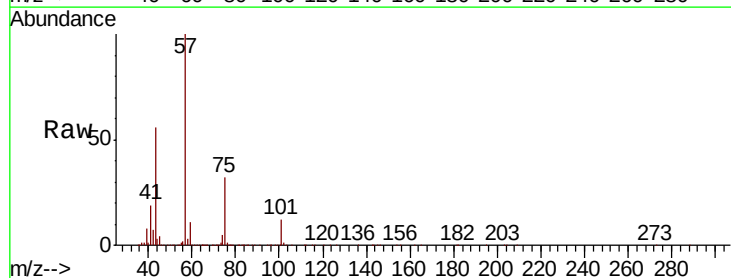
Tgt Ion: 75 Resp: 90720

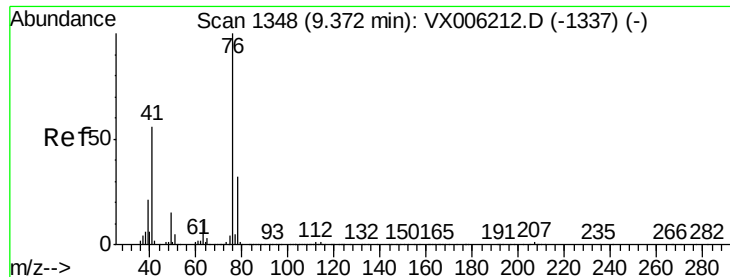
Ion Ratio Lower Upper

75 100

77 1.0 25.6 38.4#

39 24.1 36.5 54.7#





#57

1,3-Dichloropropane

Concen: 1.789 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

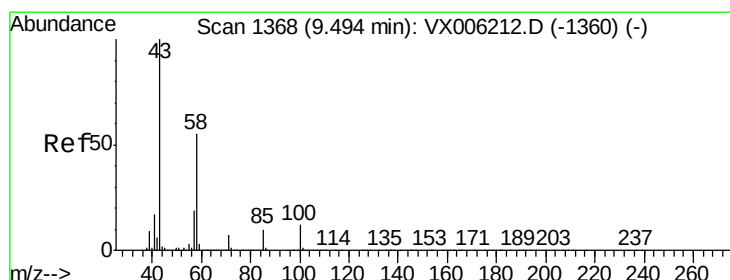
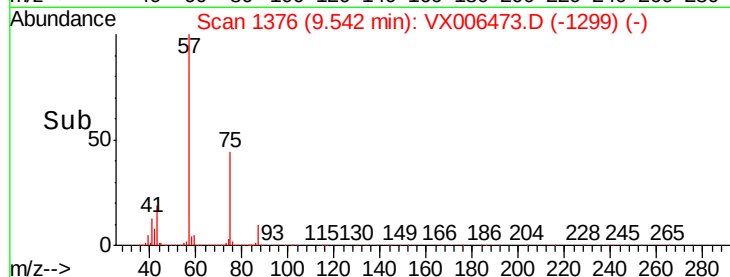
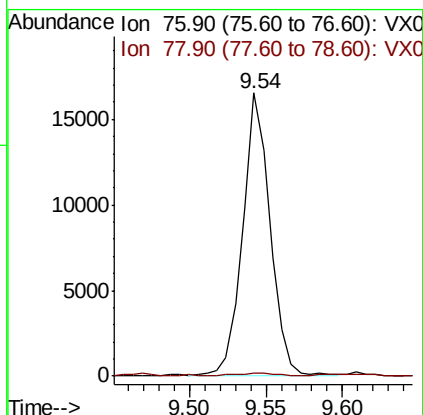
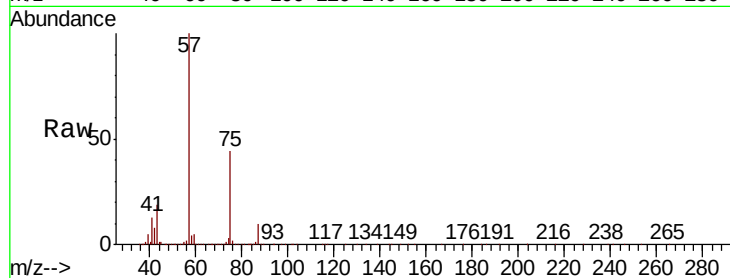
HR-05-121118-C

Tot Ion: 76 Resp: 20246

Ion Ratio Lower Upper

76 100

78 1.7 26.1 39.1#



#59

2-Hexanone

Concen: 33.976 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006473.D

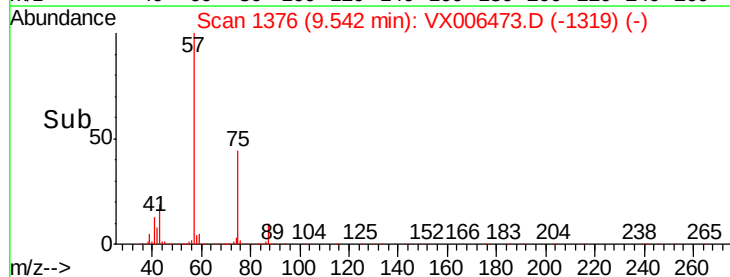
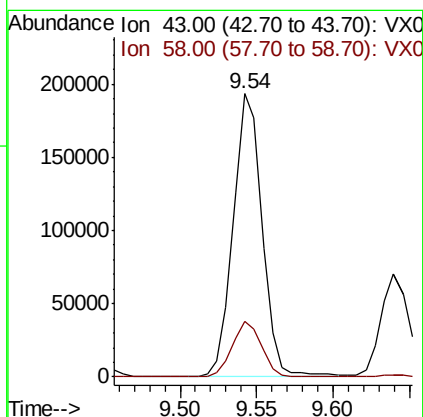
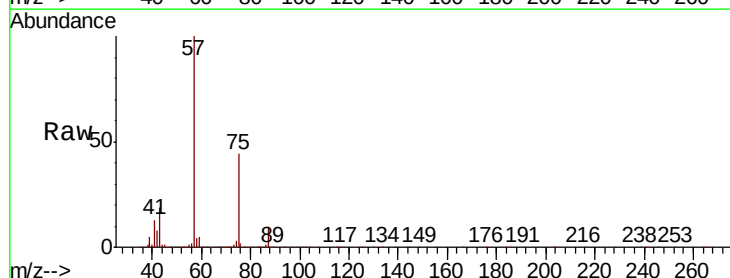
Acq: 13 Dec 2018 04:39

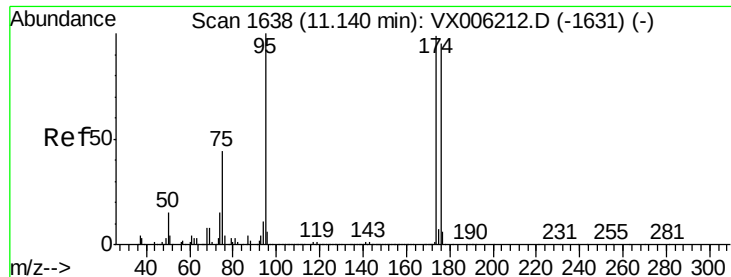
Tgt Ion: 43 Resp: 252231

Ion Ratio Lower Upper

43 100

58 20.4 27.7 83.1#





#62

4-Bromofluorobenzene

Concen: 49.621 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

HR-05-121118-C

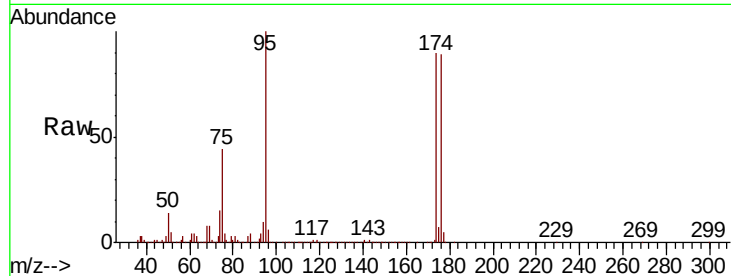
Tot Ion: 95 Resp: 467494

Ion Ratio Lower Upper

95 100

174 87.4 0.0 187.0

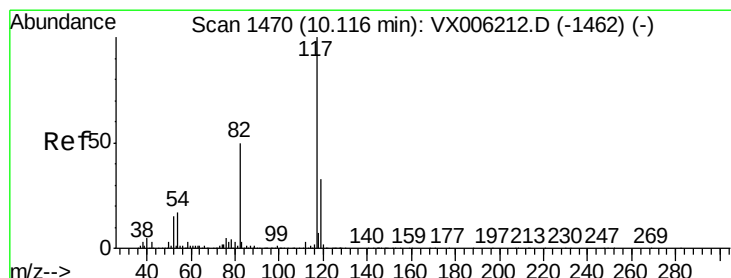
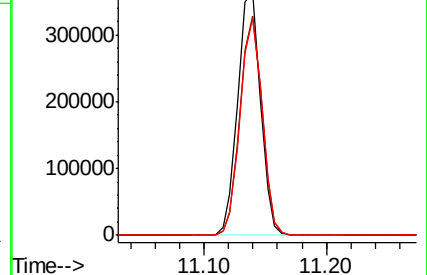
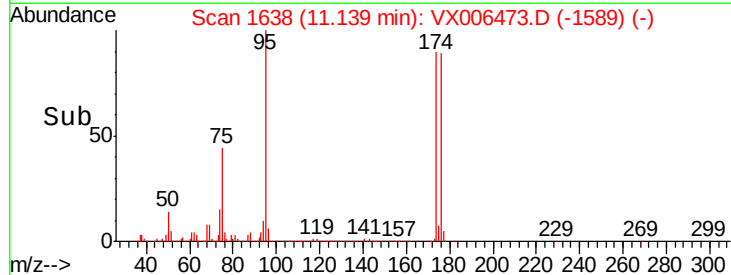
176 86.6 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006473.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006473.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006473.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

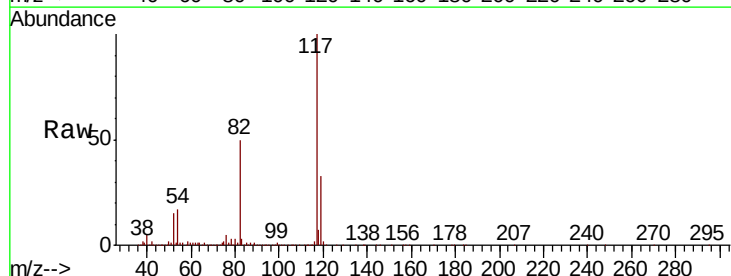
Tgt Ion: 117 Resp: 992633

Ion Ratio Lower Upper

117 100

82 50.0 39.6 59.4

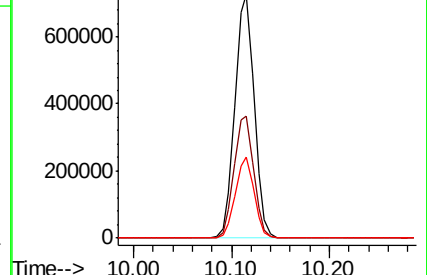
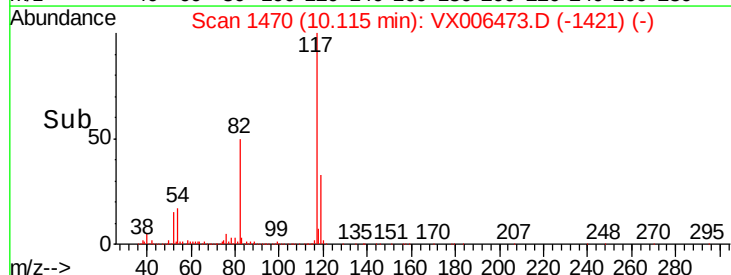
119 33.1 26.3 39.5

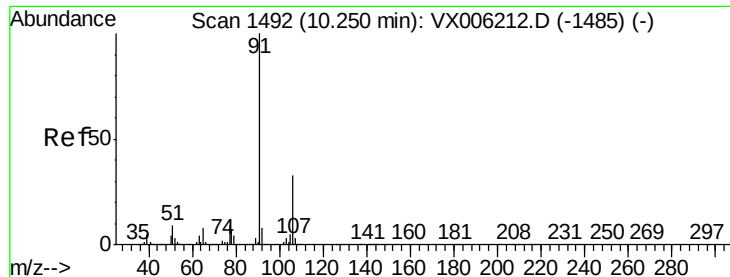


Abundance Ion 116.90 (116.60 to 117.60): VX006473.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006473.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006473.D (-1421) (-)

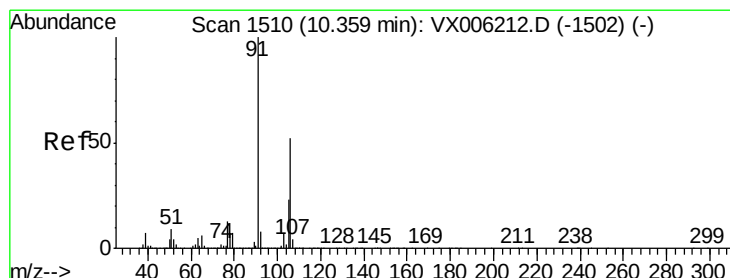
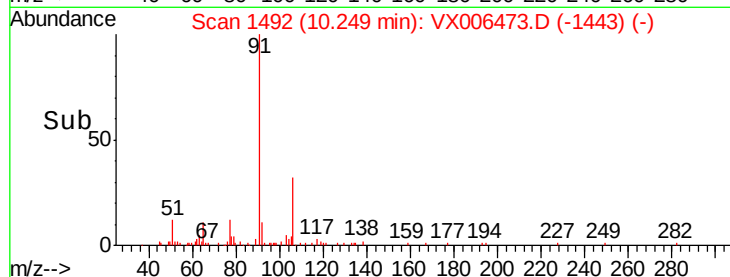
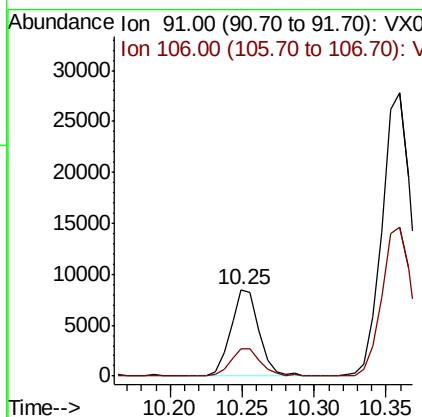
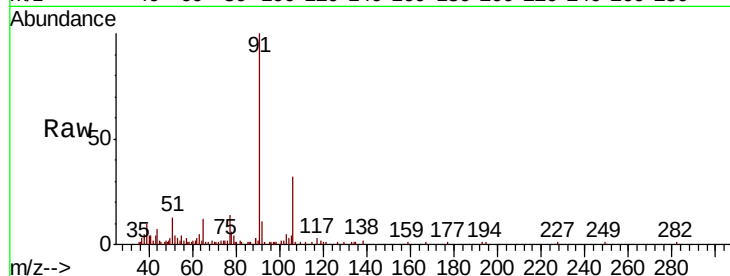




#67
Ethyl Benzene
Concen: 0.331 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

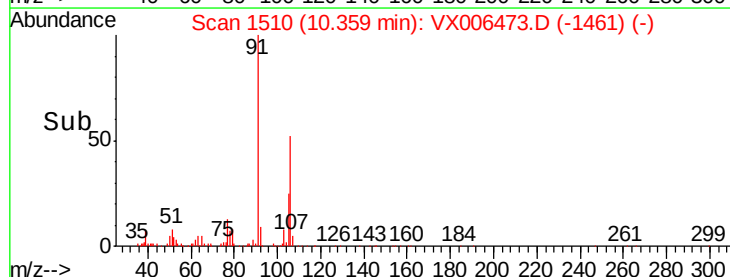
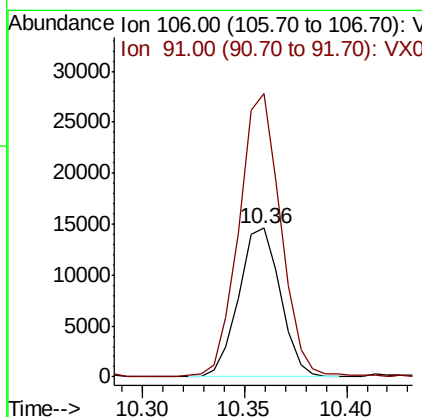
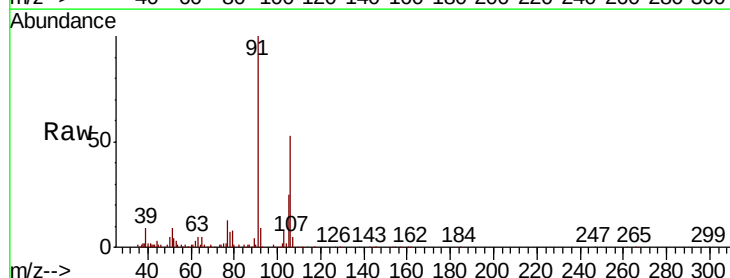
Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-C

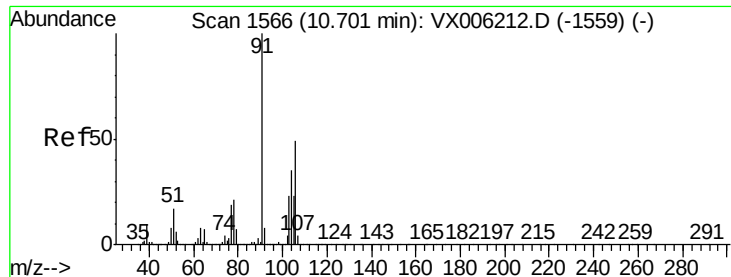
Tot Ion: 91 Resp: 11587
Ion Ratio Lower Upper
91 100
106 31.9 26.5 39.7



#68
m/p-Xylenes
Concen: 1.469 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

Tgt Ion: 106 Resp: 20626
Ion Ratio Lower Upper
106 100
91 192.9 155.2 232.8

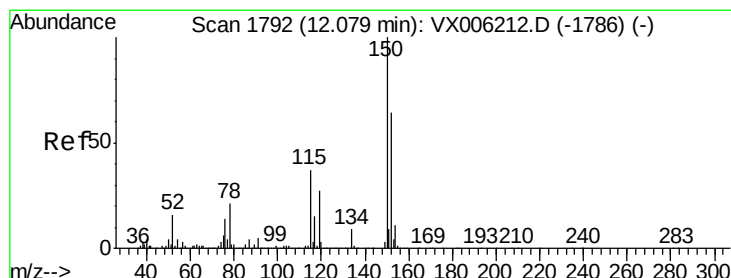
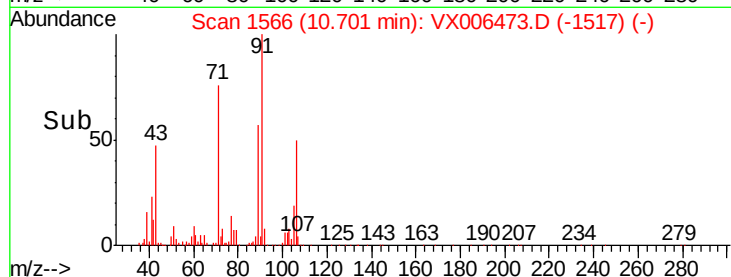
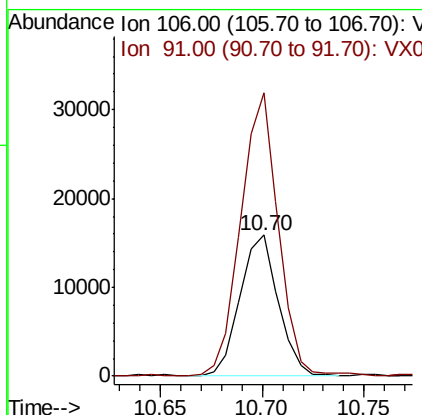
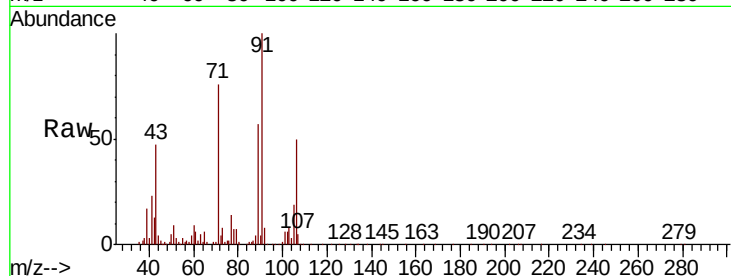




#69
o-Xylene
Concen: 1.479 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

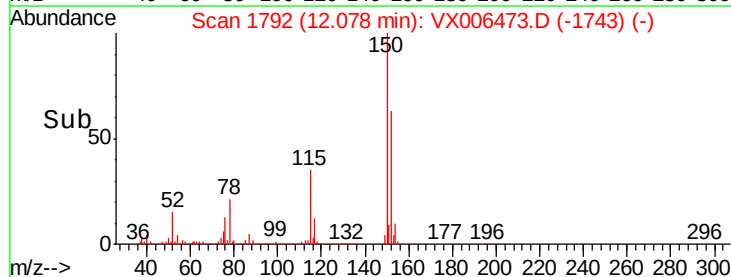
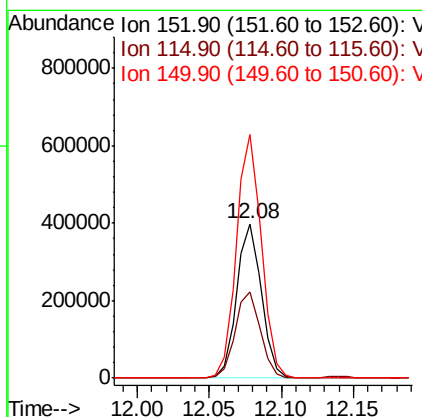
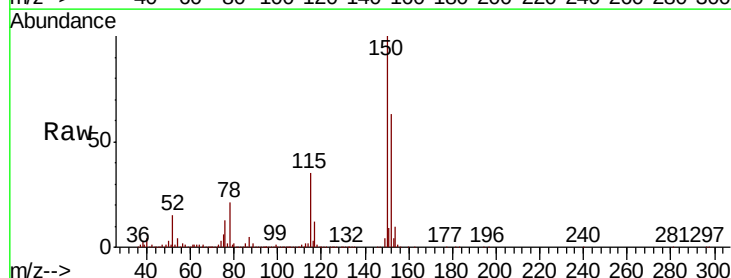
Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-C

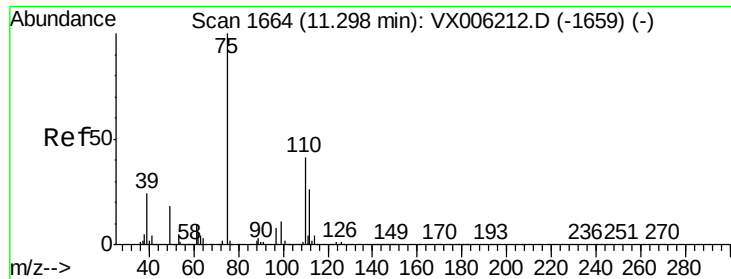
Tot Ion:106 Resp: 20510
Ion Ratio Lower Upper
106 100
91 199.5 101.8 305.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

Tgt Ion:152 Resp: 477707
Ion Ratio Lower Upper
152 100
115 57.2 39.0 116.9
150 159.2 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 23.316 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

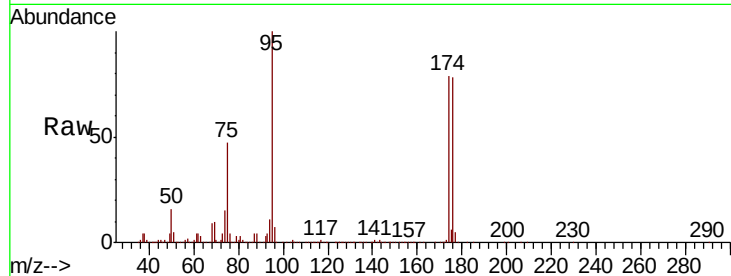
HR-05-121118-C

Tot Ion: 75 Resp: 214984

Ion Ratio Lower Upper

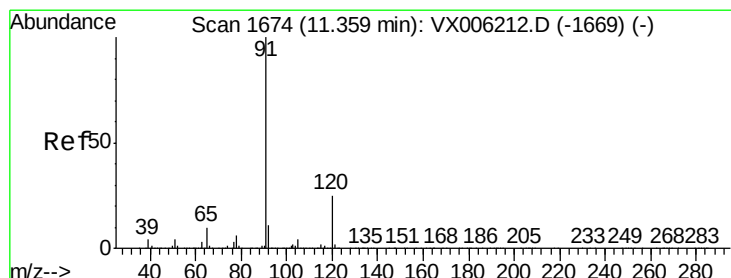
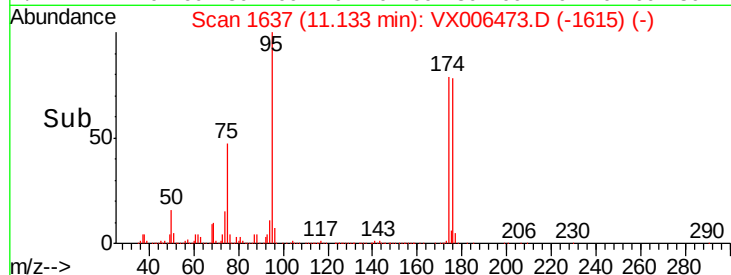
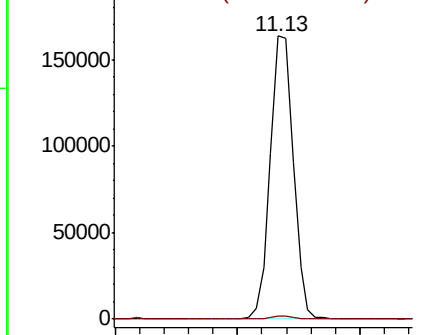
75 100

77 1.5 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: 0.616 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006473.D

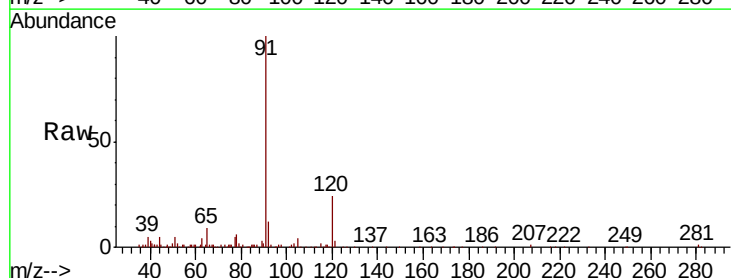
Acq: 13 Dec 2018 04:39

Tgt Ion: 91 Resp: 22587

Ion Ratio Lower Upper

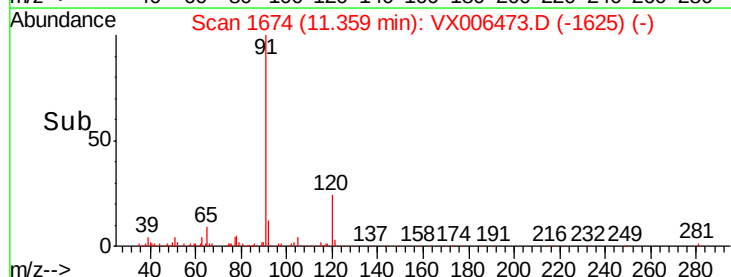
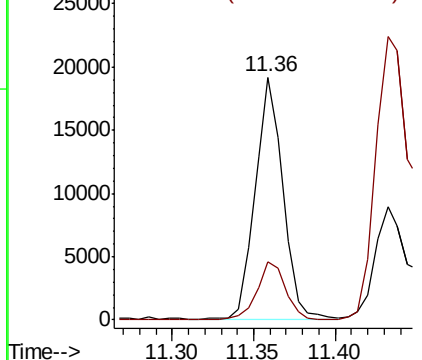
91 100

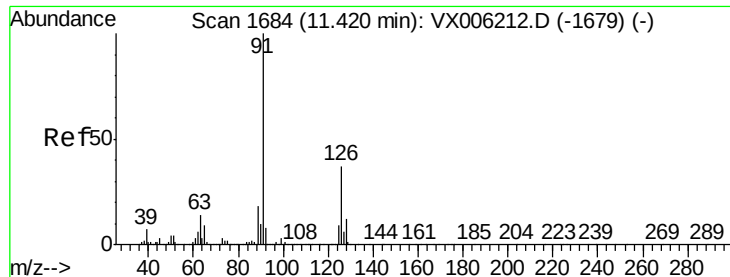
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.670 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

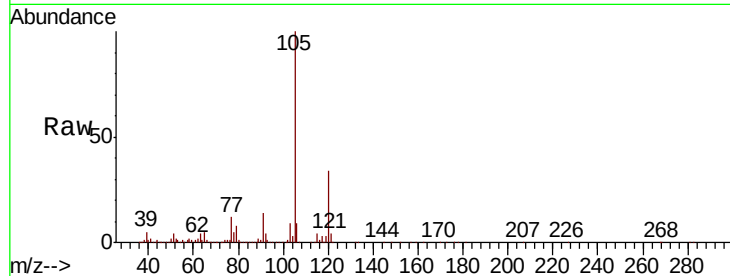
HR-05-121118-C

Tot Ion: 91 Resp: 14608

Ion Ratio Lower Upper

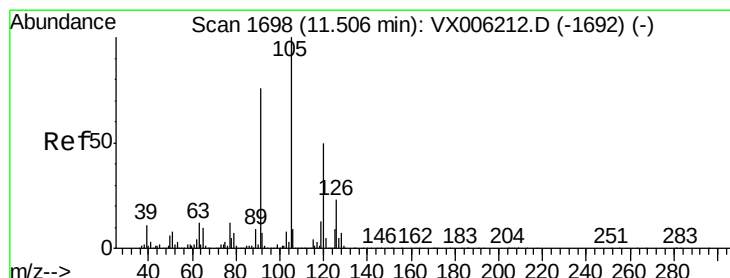
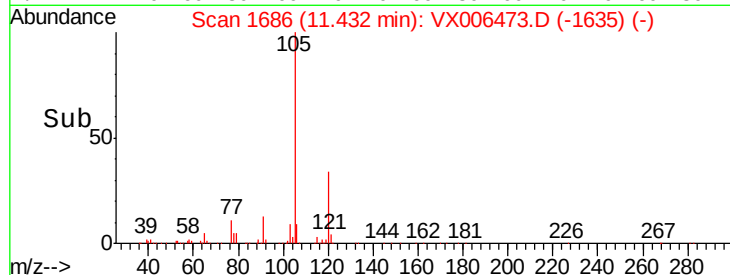
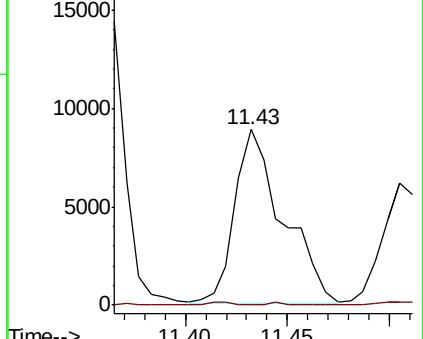
91 100

126 0.3 18.6 56.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.525 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006473.D

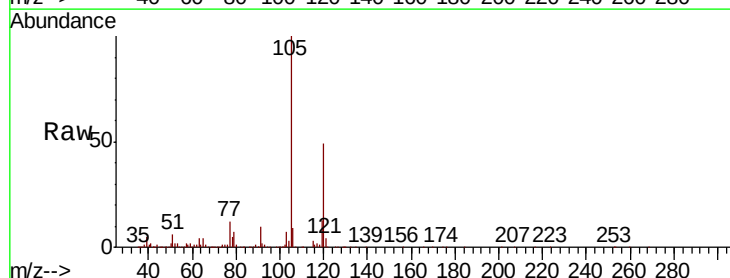
Acq: 13 Dec 2018 04:39

Tgt Ion:105 Resp: 69296

Ion Ratio Lower Upper

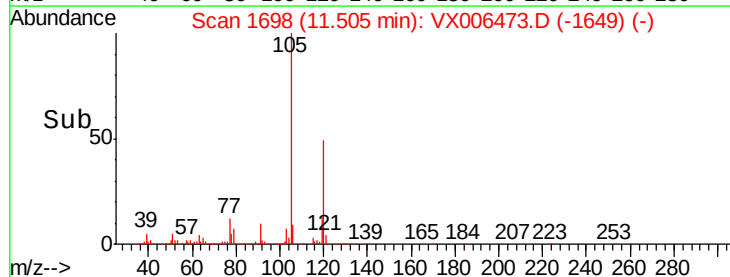
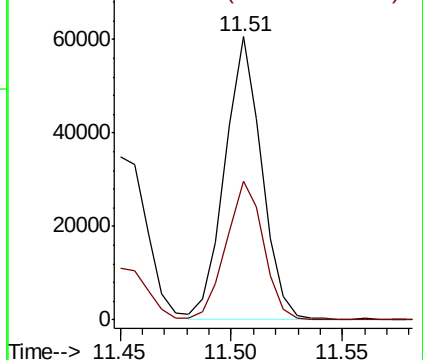
105 100

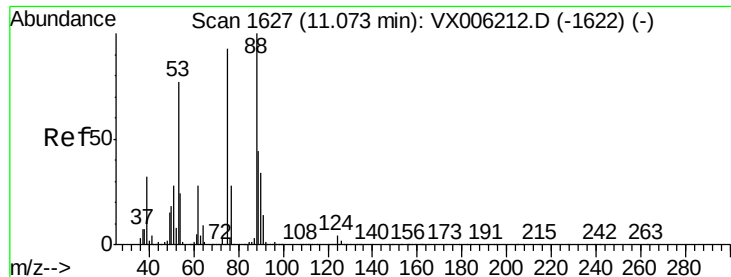
120 49.4 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.716 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

HR-05-121118-C

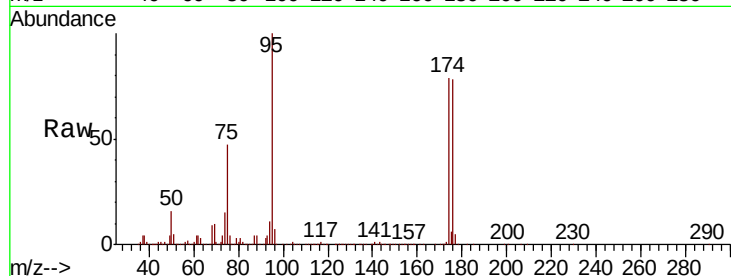
Tot Ion: 75 Resp: 214984

Ion Ratio Lower Upper

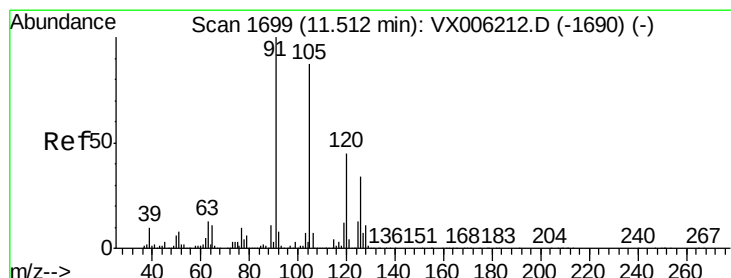
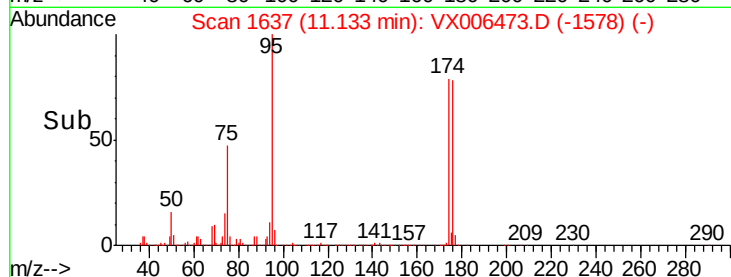
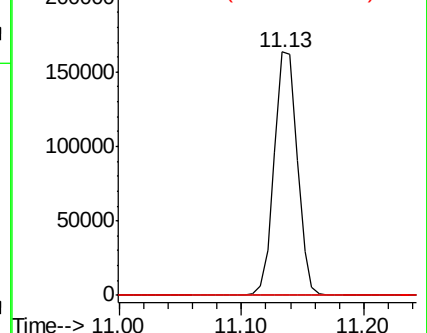
75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#



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



#82

4-Chlorotoluene

Concen: 0.311 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006473.D

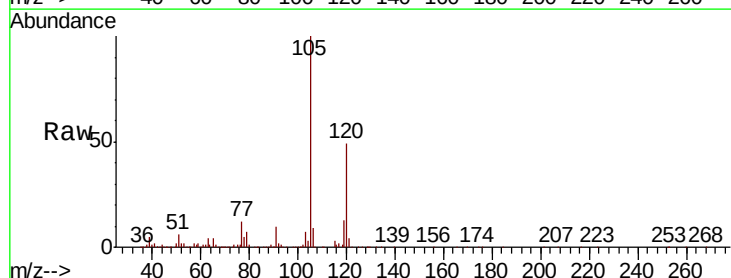
Acq: 13 Dec 2018 04:39

Tgt Ion: 91 Resp: 7893

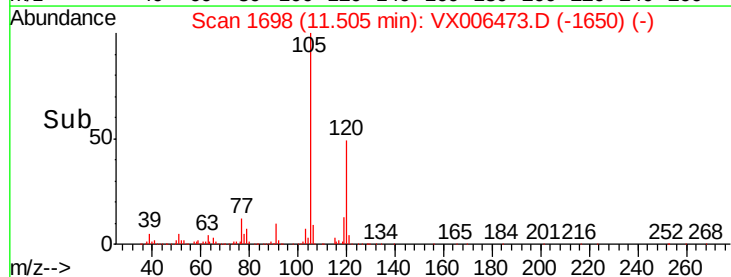
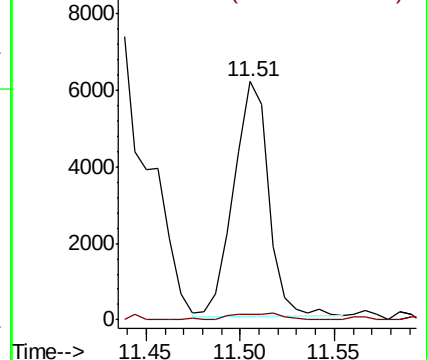
Ion Ratio Lower Upper

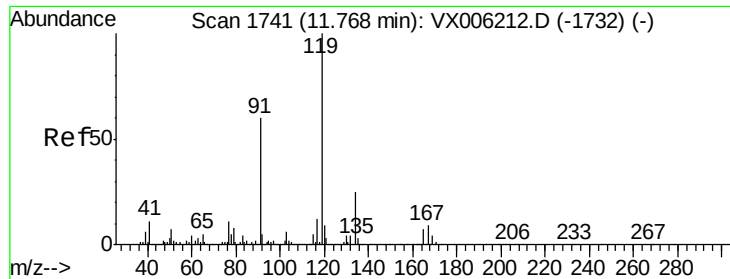
91 100

126 4.1 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

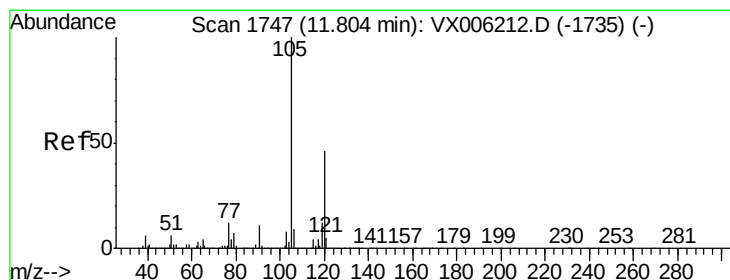
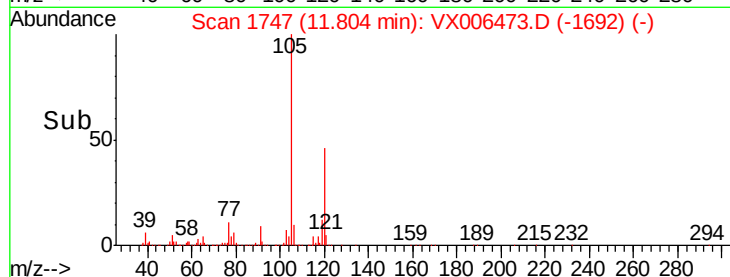
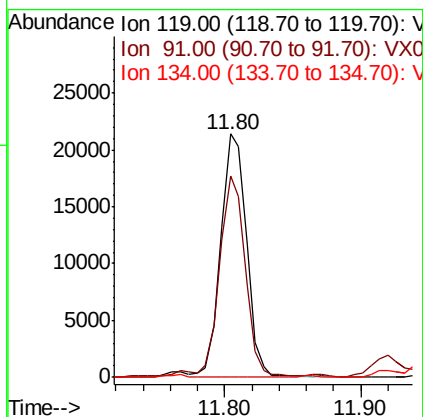
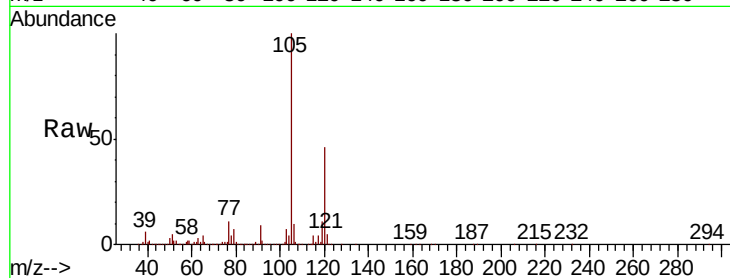




#83
 tert-Butylbenzene
 Concen: 0.964 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.04 min
 Lab File: VX006473.D
 Acq: 13 Dec 2018 04:39

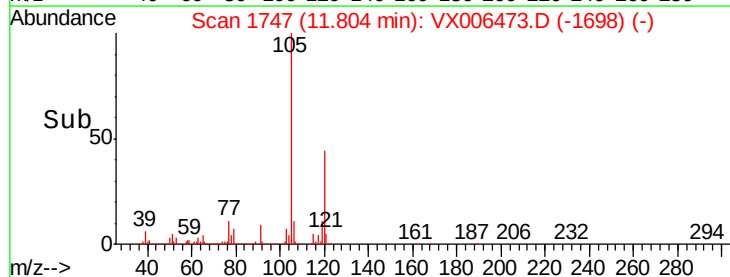
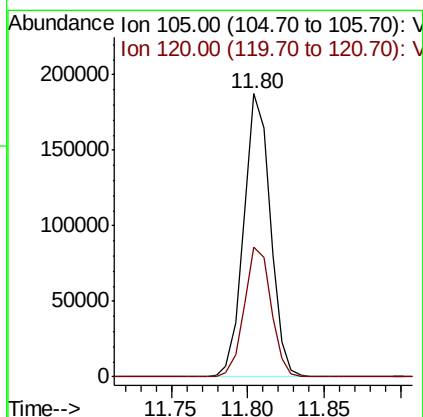
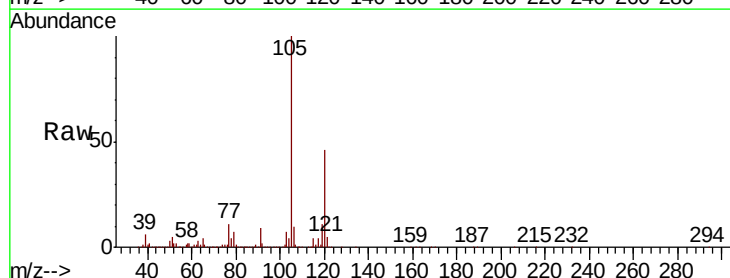
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-121118-C

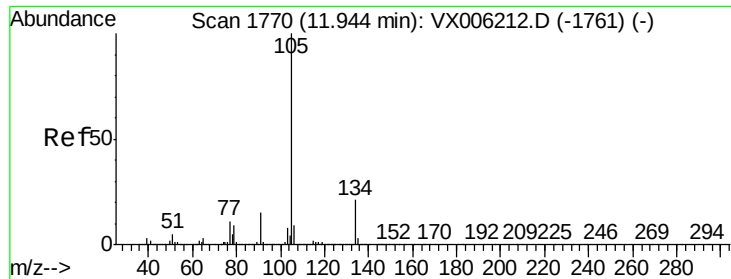
Tot Ion:119 Resp: 28230
 Ion Ratio Lower Upper
 119 100
 91 85.1 26.4 79.2#
 134 0.0 11.6 34.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 7.973 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006473.D
 Acq: 13 Dec 2018 04:39

Tgt Ion:105 Resp: 225980
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 0.293 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

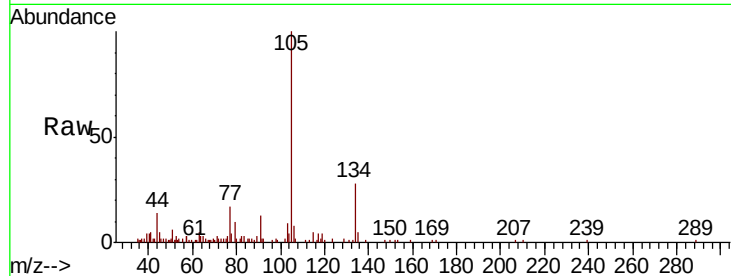
HR-05-121118-C

Tot Ion:105 Resp: 9757

Ion Ratio Lower Upper

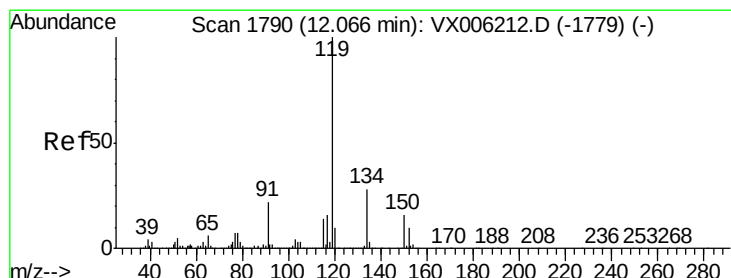
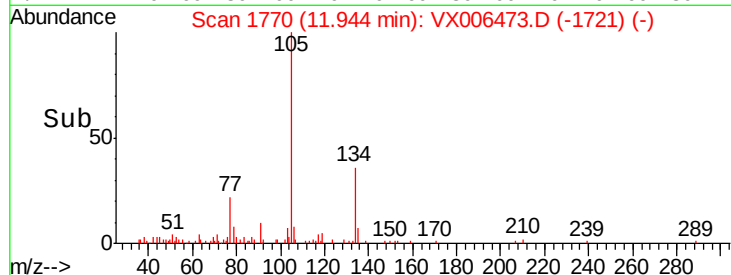
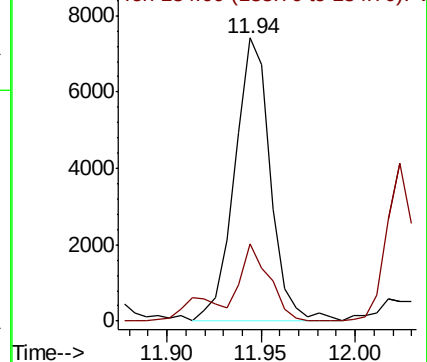
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.495 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

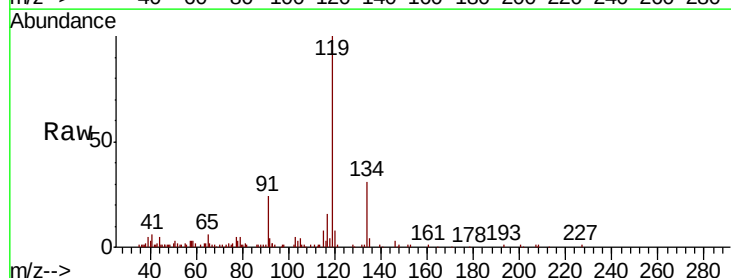
Tgt Ion:119 Resp: 14861

Ion Ratio Lower Upper

119 100

134 30.5 13.9 41.6

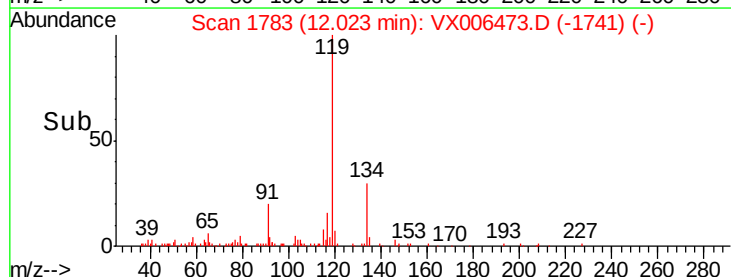
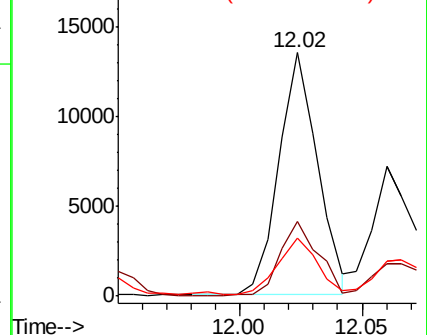
91 24.1 11.3 33.8

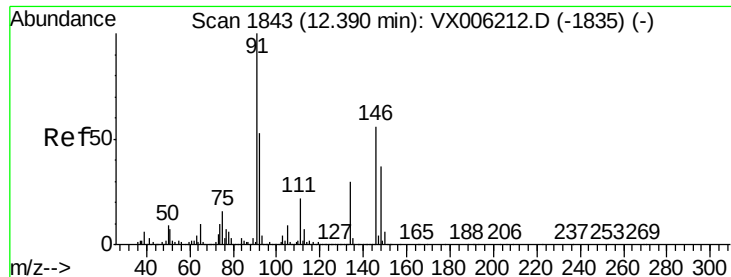


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 0.717 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

HR-05-121118-C

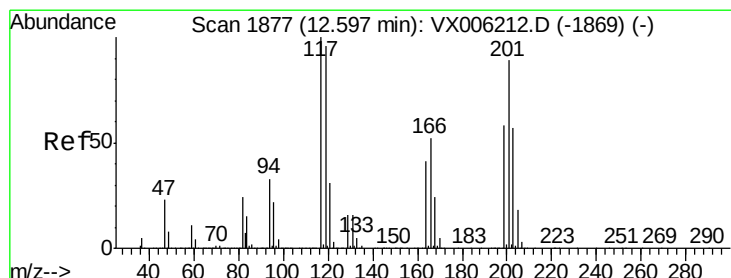
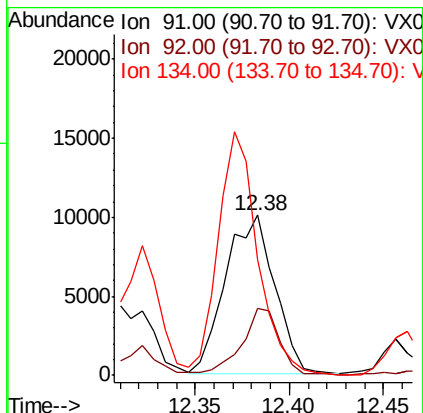
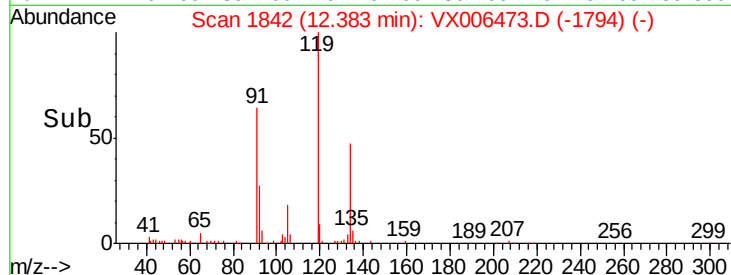
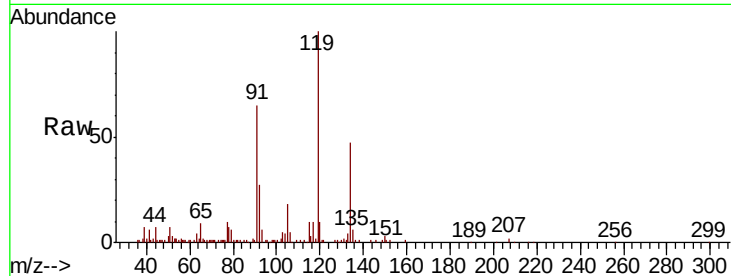
Tot Ion: 91 Resp: 18357

Ion Ratio Lower Upper

91 100

92 32.2 26.6 79.8

134 122.0 14.8 44.3#



#90

Hexachloroethane

Concen: 0.609 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX006473.D

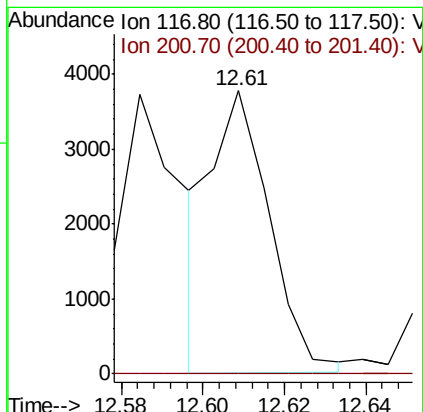
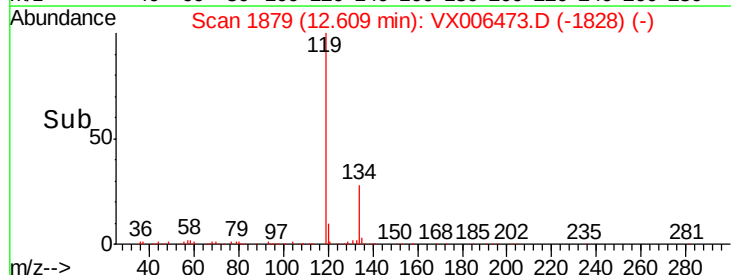
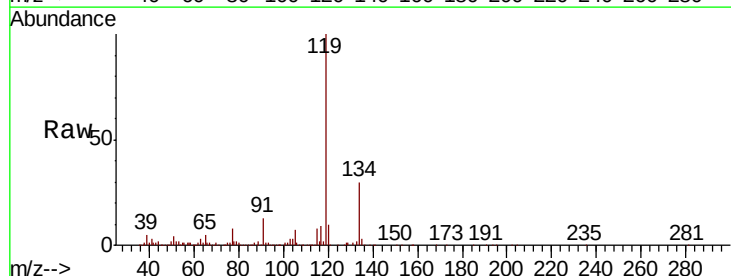
Acq: 13 Dec 2018 04:39

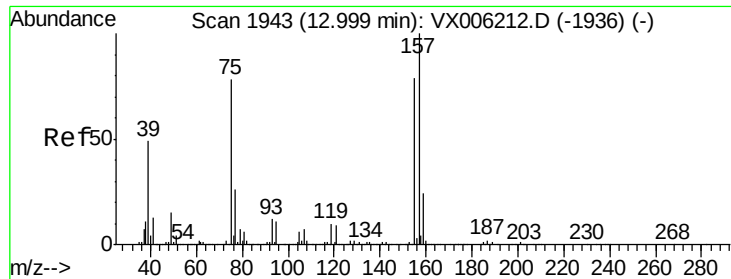
Tgt Ion: 117 Resp: 3723

Ion Ratio Lower Upper

117 100

201 0.0 44.7 134.1#

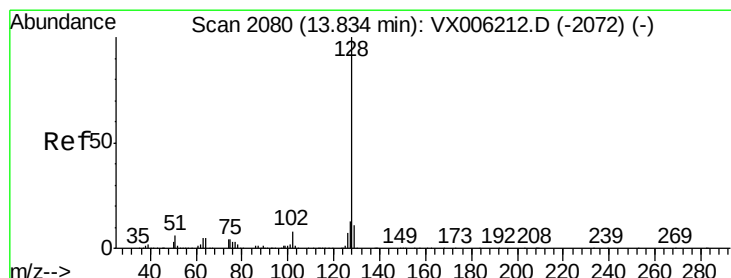
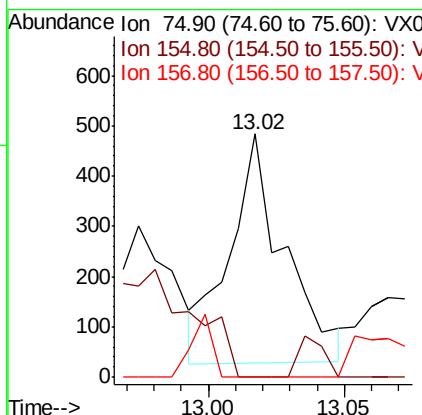
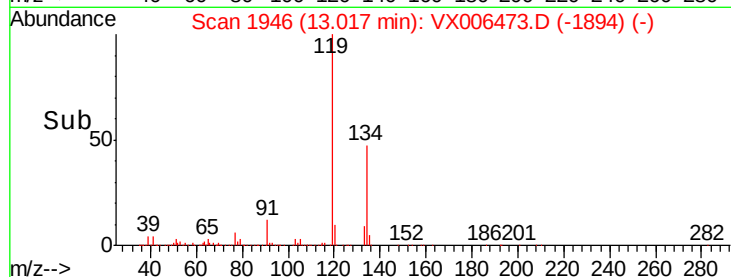
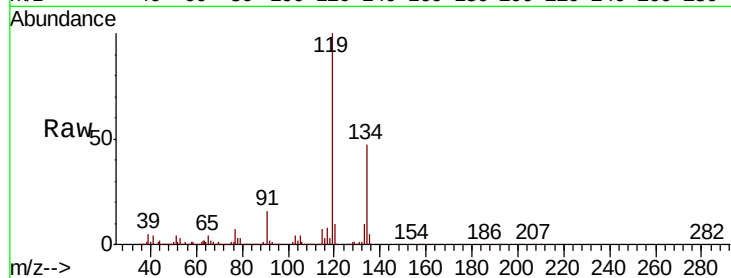




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.235 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX006473.D
 Acq: 13 Dec 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-121118-C

Tot Ion: 75 Resp: 637
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.4 160.3#
 157 10.2 68.0 203.8#



#95
 Naphthalene
 Concen: 2.038 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX006473.D
 Acq: 13 Dec 2018 04:39

Tgt Ion:128 Resp: 74778
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.2 15.4
 129 12.2 8.9 13.3

