

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006373.D
 Acq On : 10 Dec 2018 16:39
 Operator : JC/MD
 Sample : J6321-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20181207

Quant Time: Dec 11 03:58:03 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	5.67	168	736052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1121090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1016468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	492417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	363695	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.51	113	348908	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	8.71	98	1310589	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	487098	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	

Target Compounds

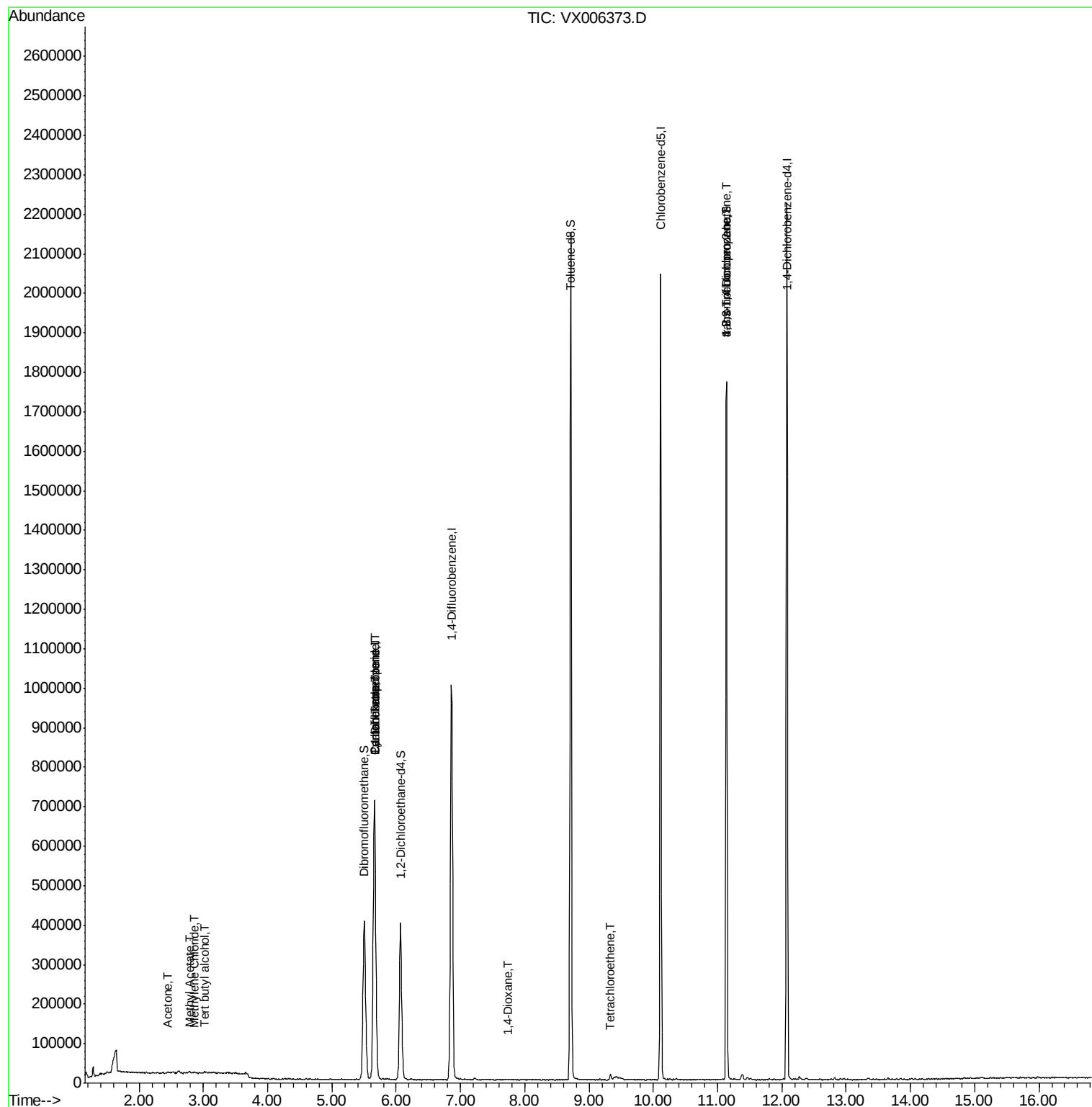
						Qvalue
11) Tert butyl alcohol	3.03	59	2232	1.086	ug/l #	93
16) Acetone	2.45	43	2648	0.751	ug/l #	54
18) Methyl Acetate	2.78	43	6451	0.547	ug/l	93
20) Methylene Chloride	2.87	84	1964	0.262	ug/l #	60
31) Cyclohexane	5.66	56	12160	1.120	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	45684	4.839	ug/l #	48
38) Carbon Tetrachloride	5.66	117	67905	6.114	ug/l #	15
49) 1,4-Dioxane	7.74	88	113	0.535	ug/l #	27
64) Tetrachloroethene	9.34	164	2268	0.296	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	222107	23.369	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	222107	54.840	ug/l #	15

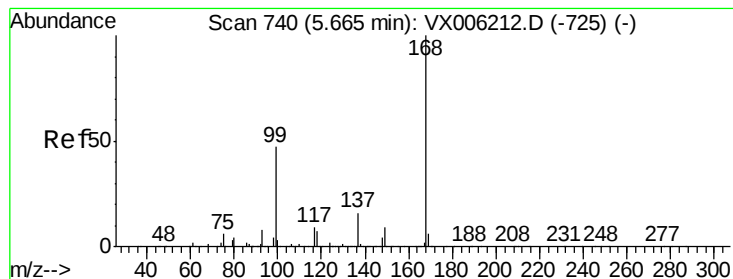
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006373.D
Acq On : 10 Dec 2018 16:39
Operator : JC/MD
Sample : J6321-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20181207

Quant Time: Dec 11 03:58:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

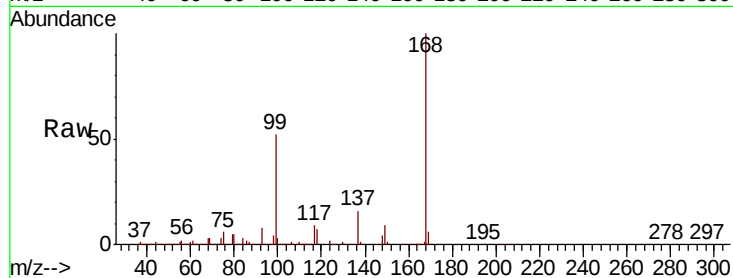
RE123D3-20181207

Tot Ion:168 Resp: 736052

Ion Ratio Lower Upper

168 100

99 51.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

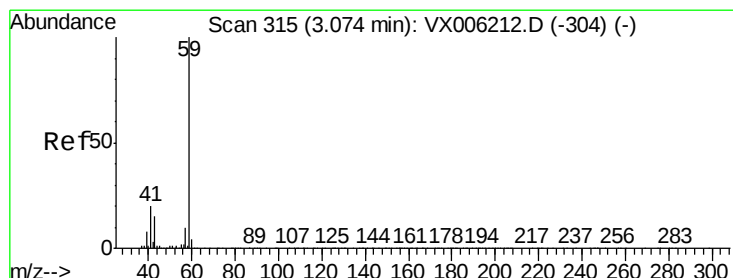
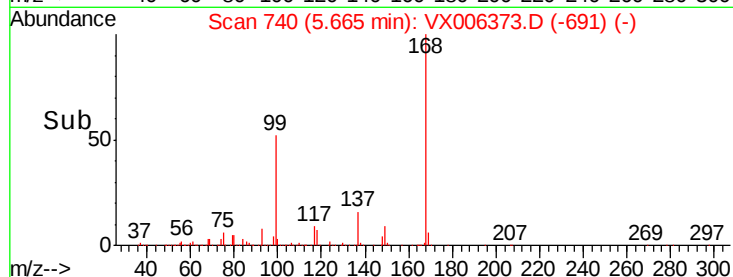
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 1.086 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006373.D

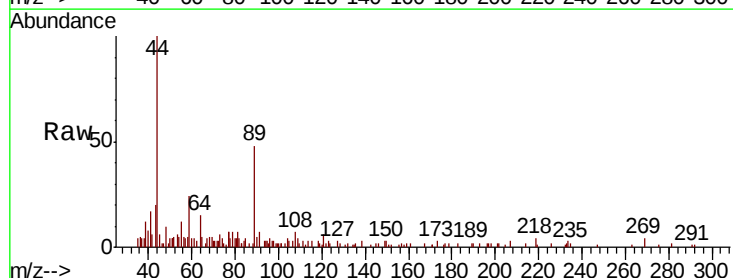
Acq: 10 Dec 2018 16:39

Tgt Ion: 59 Resp: 2232

Ion Ratio Lower Upper

59 100

57 7.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1200

1000

800

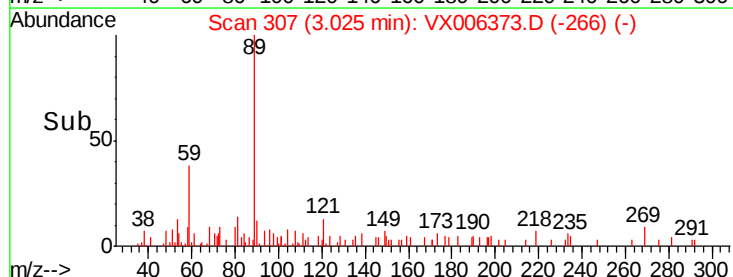
600

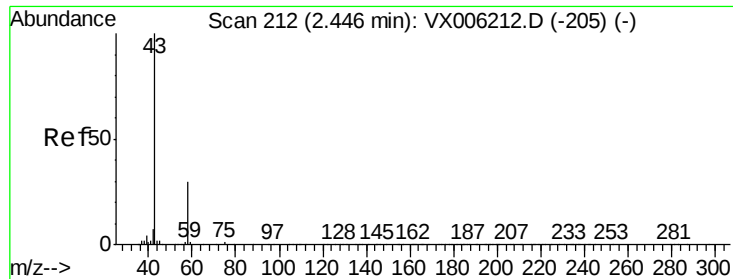
400

200

0

Time--> 2.95 3.00 3.05 3.10





#16

Acetone

Concen: 0.751 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

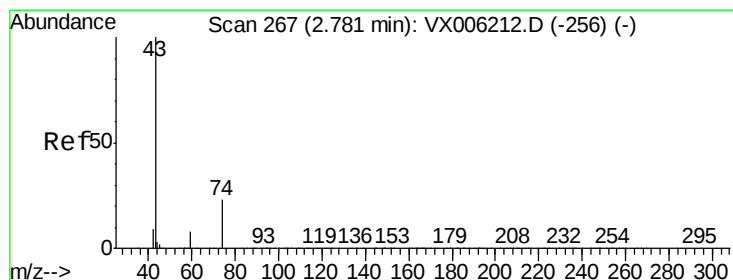
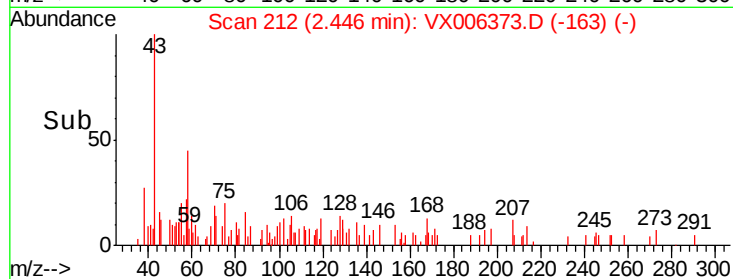
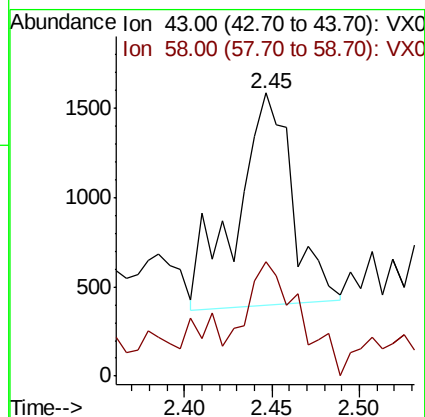
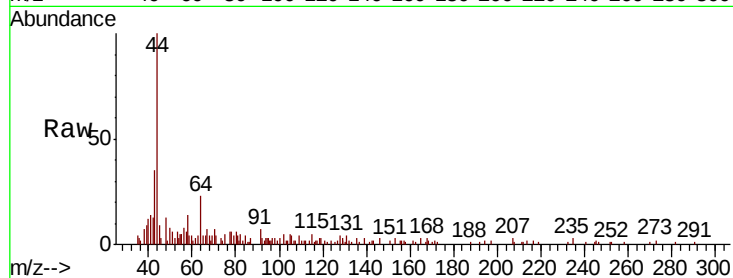
RE123D3-20181207

Tot Ion: 43 Resp: 2648

Ion Ratio Lower Upper

43 100

58 54.9 24.0 36.0#



#18

Methyl Acetate

Concen: 0.547 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006373.D

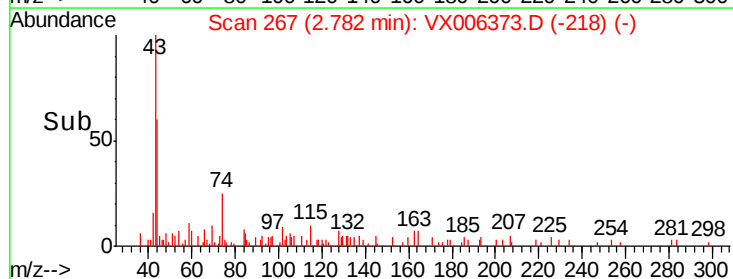
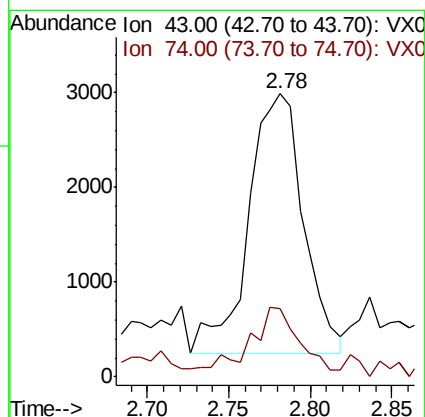
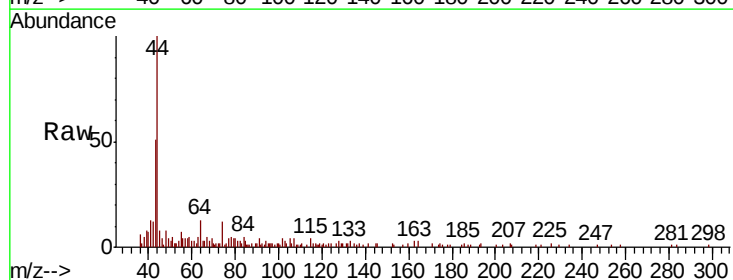
Acq: 10 Dec 2018 16:39

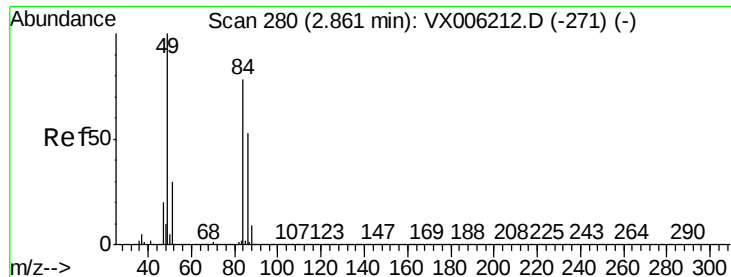
Tgt Ion: 43 Resp: 6451

Ion Ratio Lower Upper

43 100

74 25.8 17.9 26.9

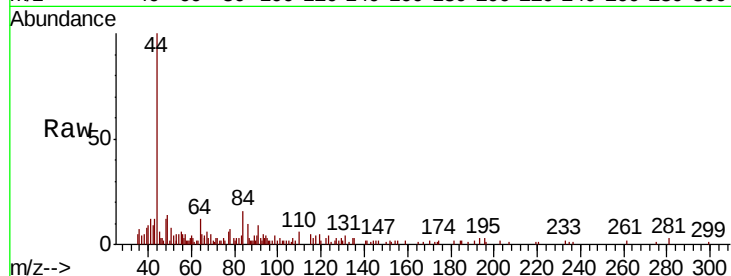




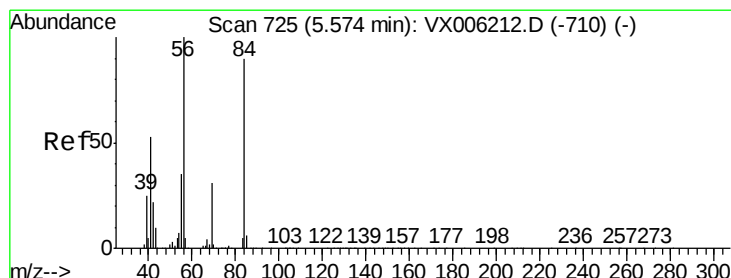
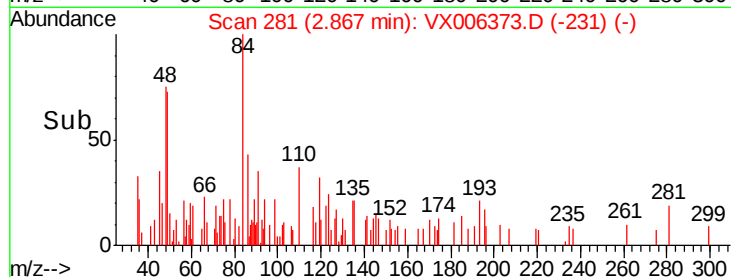
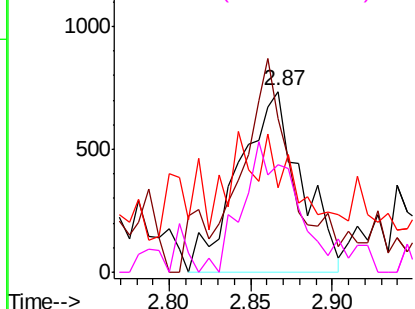
#20
Methvlene Chloride
Concen: 0.262 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006373.D
Acq: 10 Dec 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20181207

Tot Ion: 84 Resp: 1964
Ion Ratio Lower Upper
84 100
49 70.4 102.2 153.4#
51 17.5 31.1 46.7#
86 49.0 53.7 80.5#

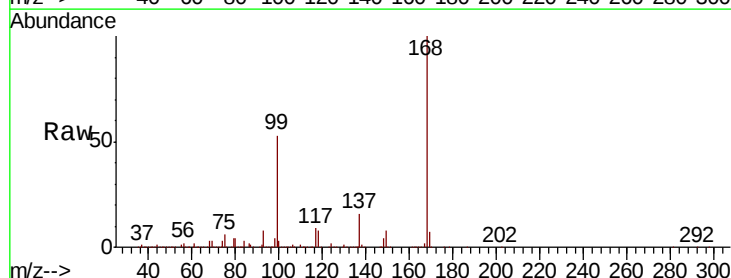


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

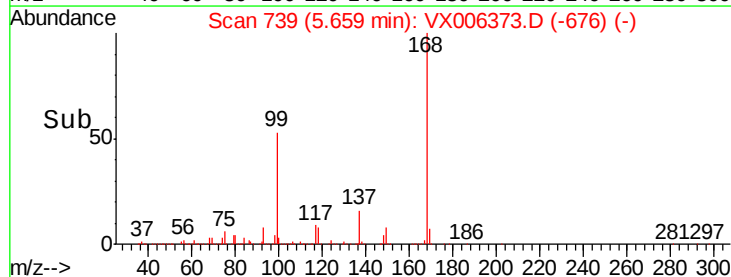
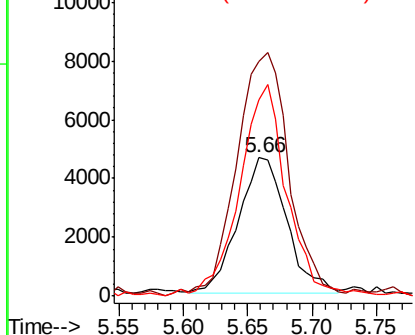


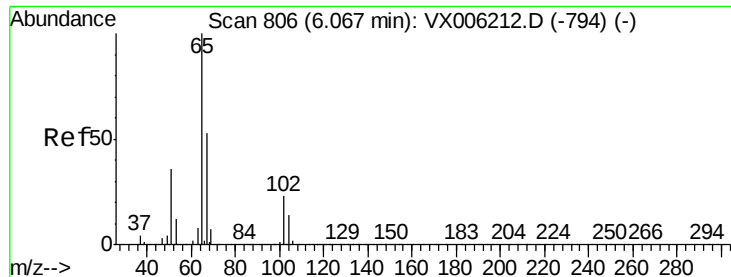
#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006373.D
Acq: 10 Dec 2018 16:39

Tgt Ion: 56 Resp: 12160
Ion Ratio Lower Upper
56 100
69 171.6 24.5 36.7#
84 143.9 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.403 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

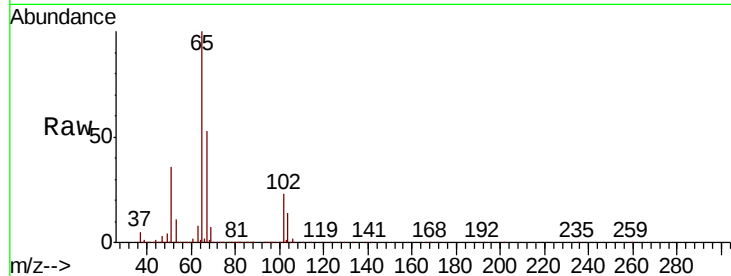
RE123D3-20181207

Tot Ion: 65 Resp: 363695

Ion Ratio Lower Upper

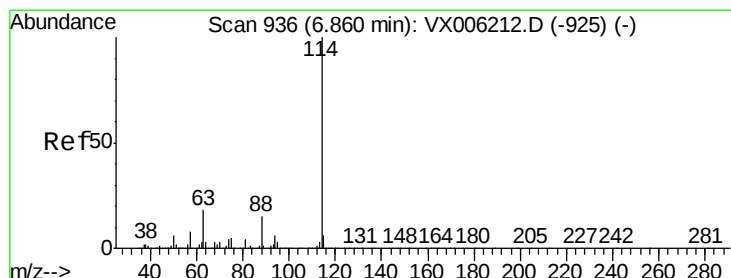
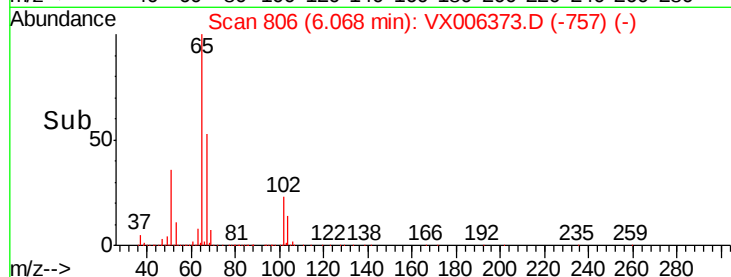
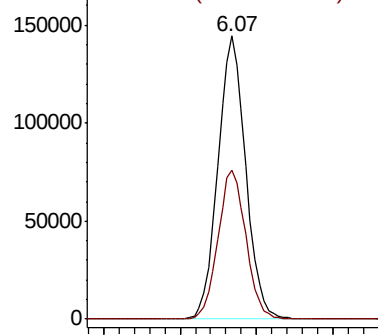
65 100

67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

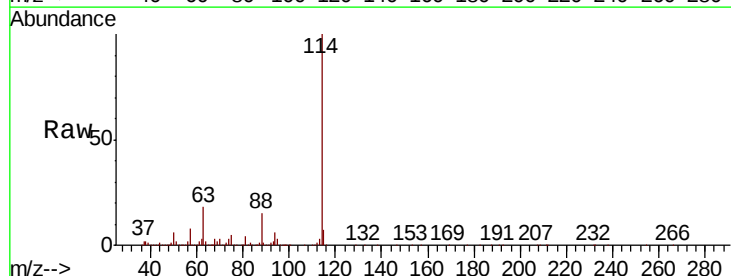
Tgt Ion: 114 Resp: 1121090

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

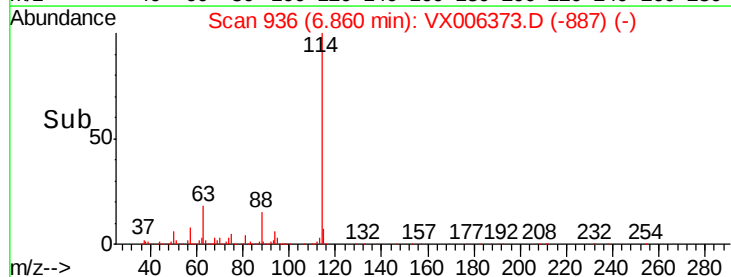
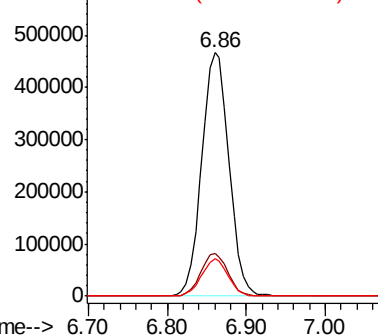
88 15.2 0.0 29.0

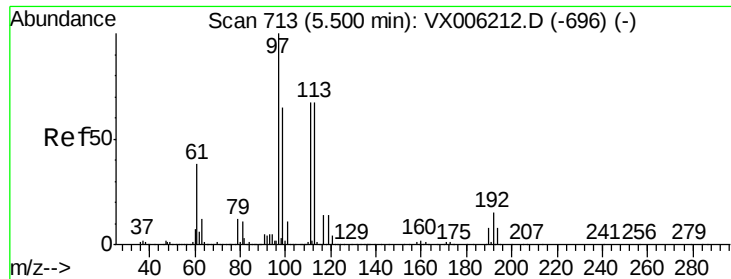


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

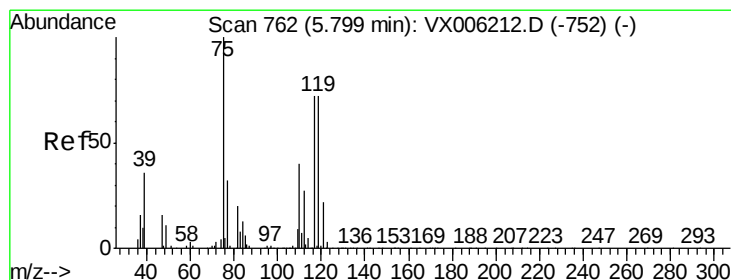
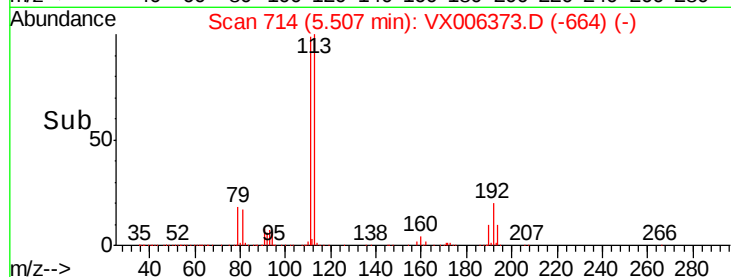
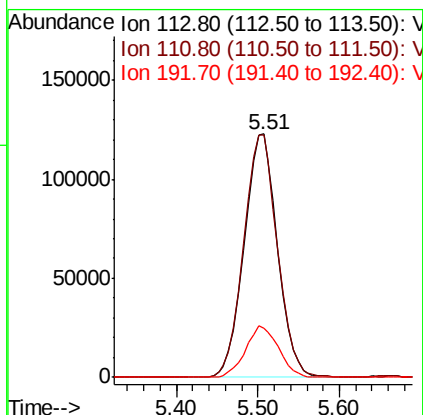
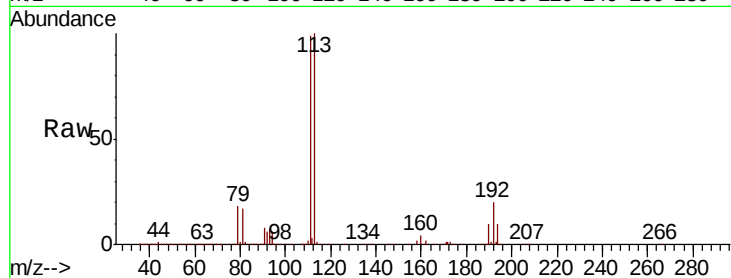




#35
 Dibromofluoromethane
 Concen: 48.068 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006373.D
 Acq: 10 Dec 2018 16:39

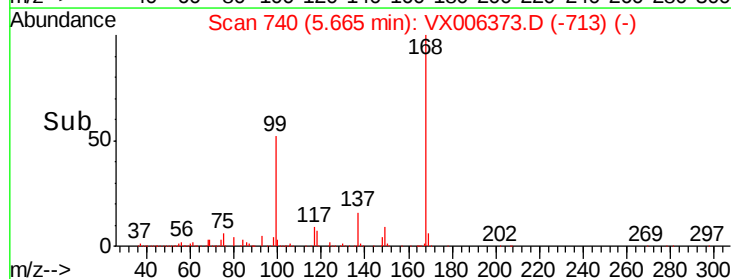
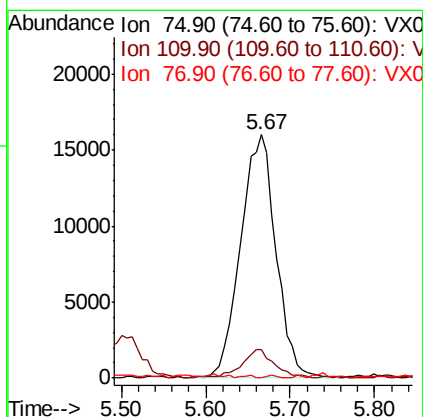
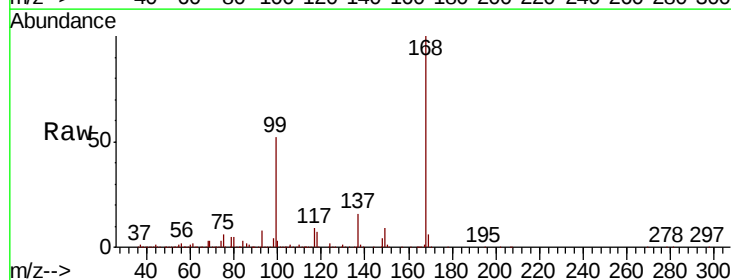
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20181207

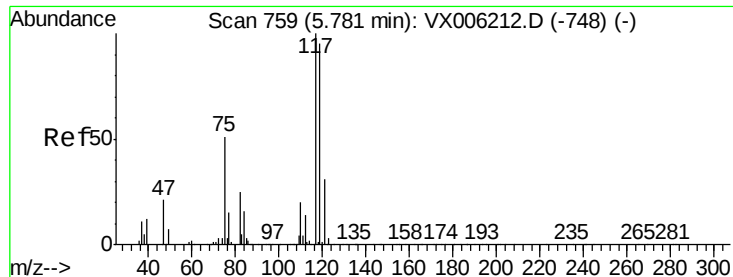
Tot Ion:113 Resp: 348908
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.1 121.7
 192 21.1 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.839 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006373.D
 Acq: 10 Dec 2018 16:39

Tgt Ion: 75 Resp: 45684
 Ion Ratio Lower Upper
 75 100
 110 10.8 20.4 61.3#
 77 0.2 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.114 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-20181207

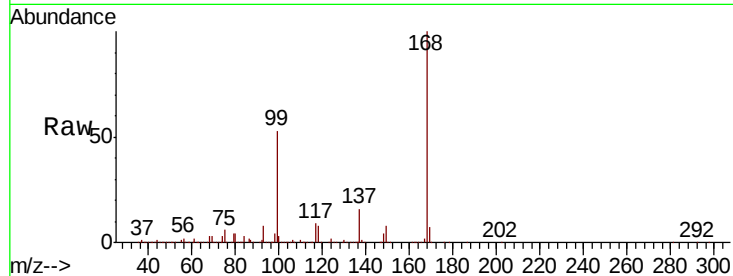
Tot Ion:117 Resp: 67905

Ion Ratio Lower Upper

117 100

119 3.2 75.8 113.8#

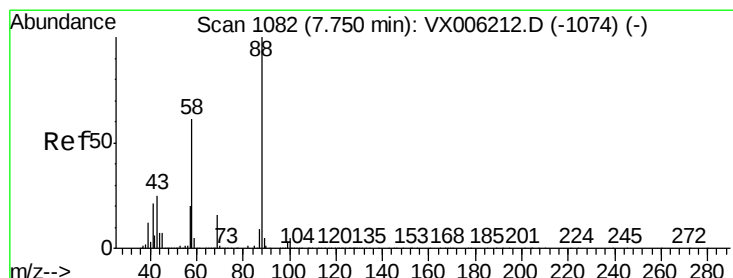
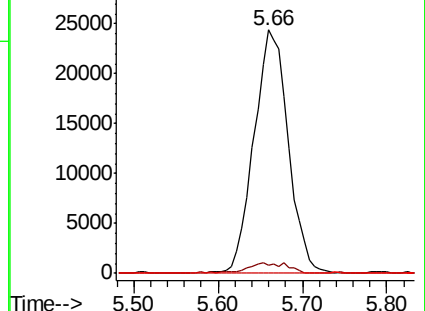
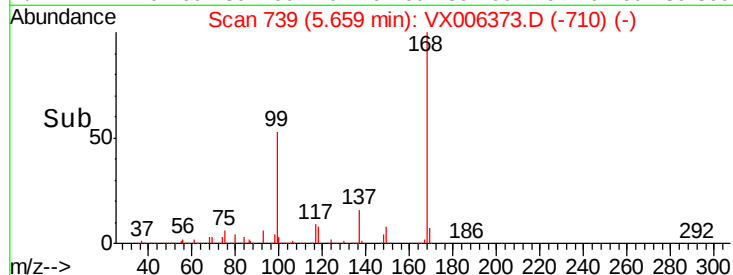
121 0.0 24.6 37.0#



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



#49

1,4-Dioxane

Concen: 0.535 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

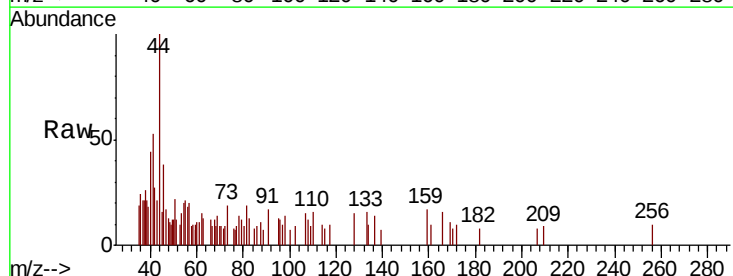
Tgt Ion: 88 Resp: 113

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

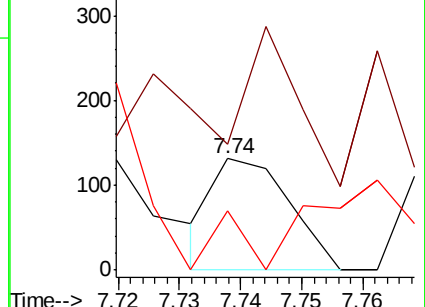
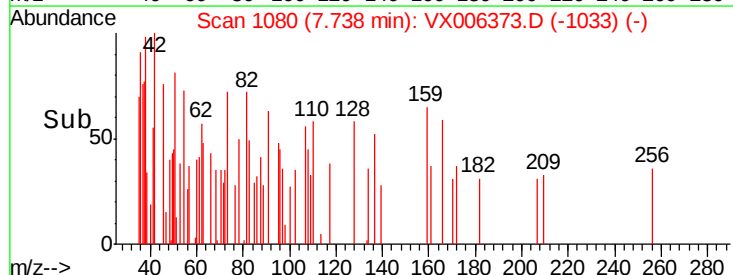
58 0.0 51.4 77.0#

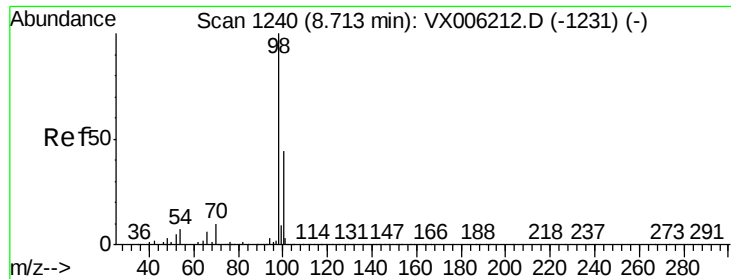


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.639 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

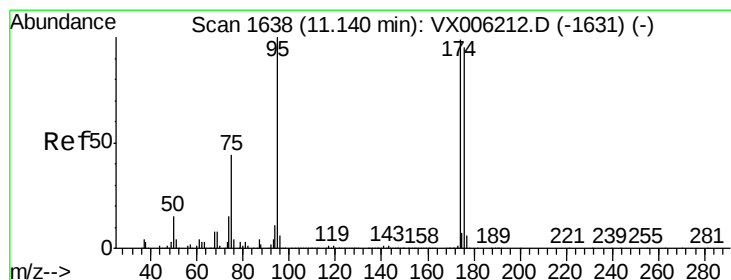
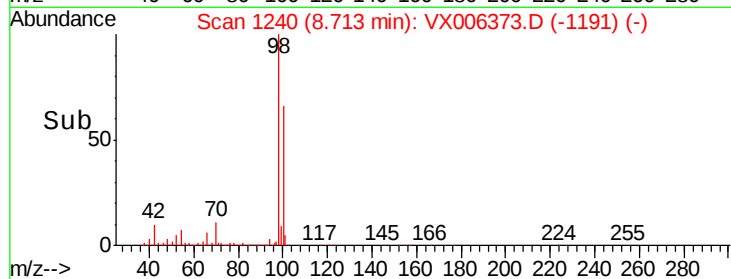
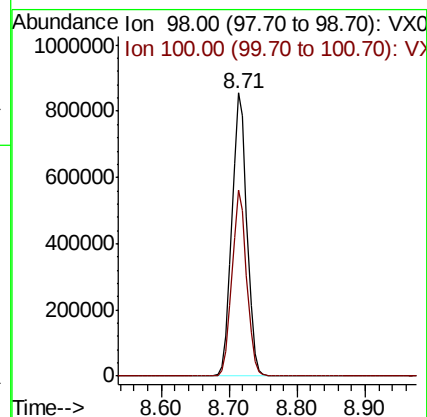
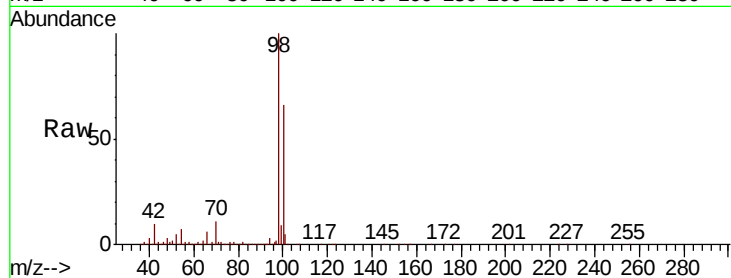
RE123D3-20181207

Tot Ion: 98 Resp: 1310589

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.958 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

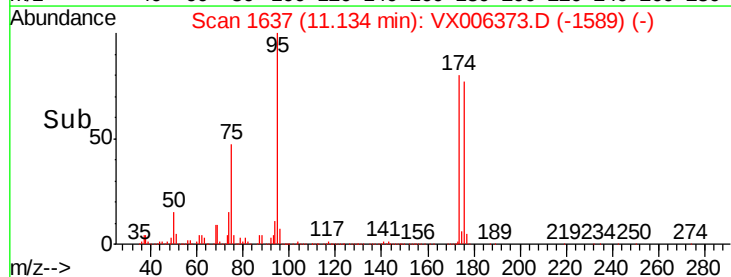
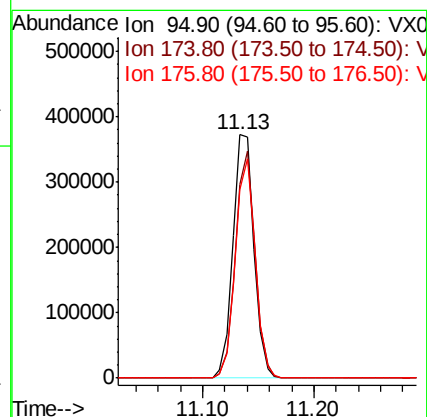
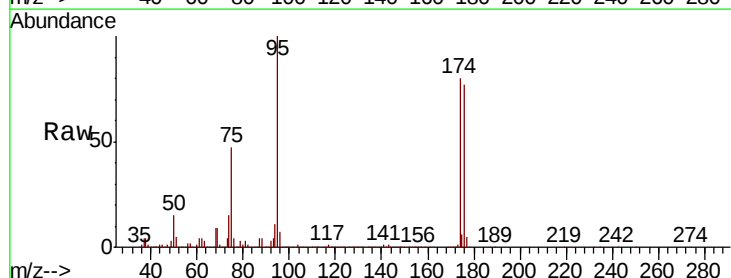
Tgt Ion: 95 Resp: 487098

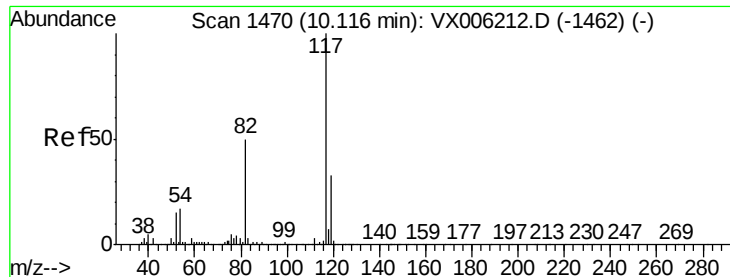
Ion Ratio Lower Upper

95 100

174 87.6 0.0 187.0

176 85.4 0.0 181.8

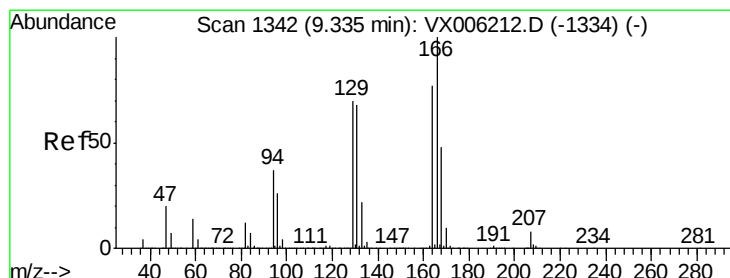
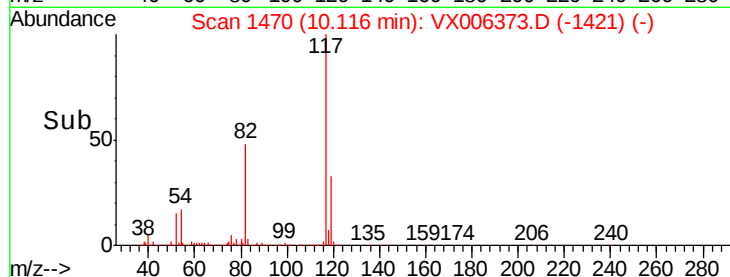
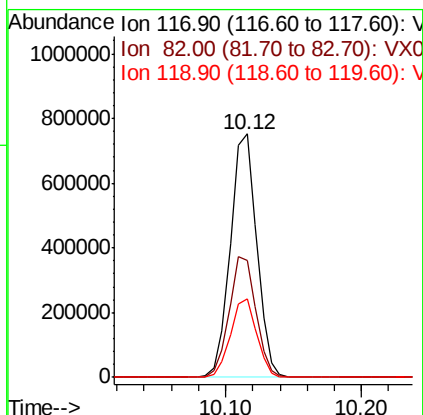
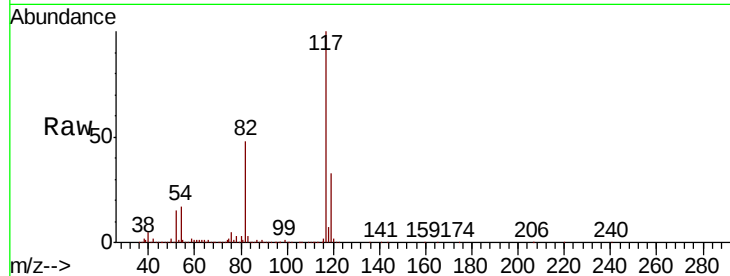




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006373.D
Acq: 10 Dec 2018 16:39

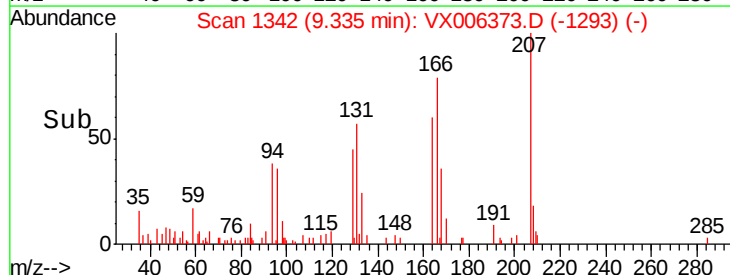
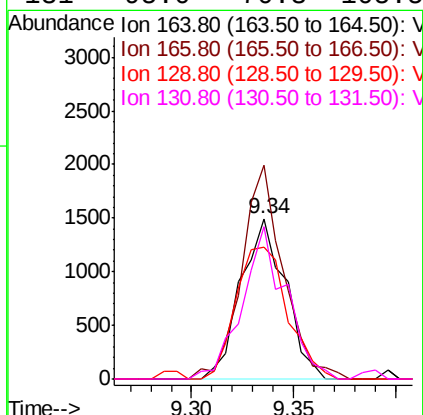
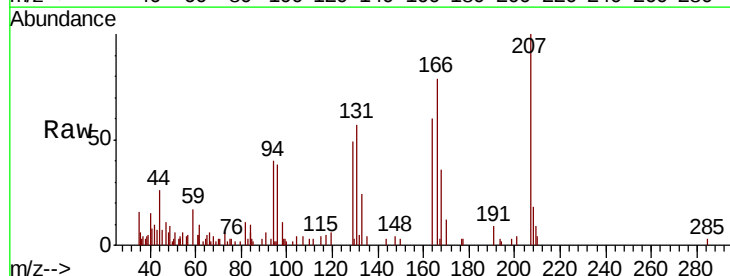
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20181207

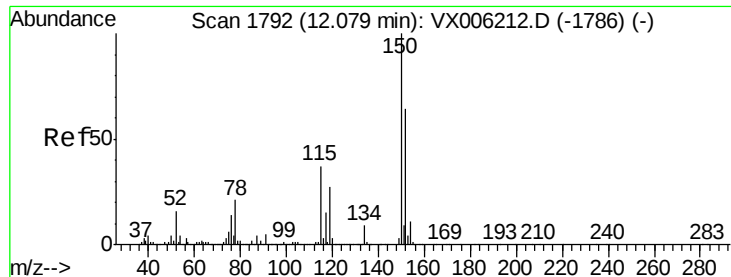
Tot Ion:117 Resp: 1016468
Ion Ratio Lower Upper
117 100
82 48.1 39.6 59.4
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 0.296 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006373.D
Acq: 10 Dec 2018 16:39

Tgt Ion:164 Resp: 2268
Ion Ratio Lower Upper
164 100
166 133.3 104.2 156.2
129 87.5 72.6 108.8
131 95.0 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-20181207

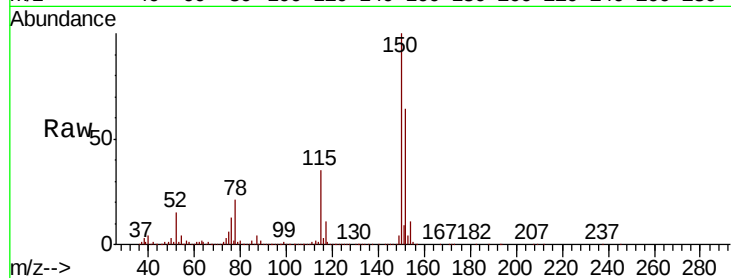
Tot Ion:152 Resp: 492417

Ion Ratio Lower Upper

152 100

115 55.7 39.0 116.9

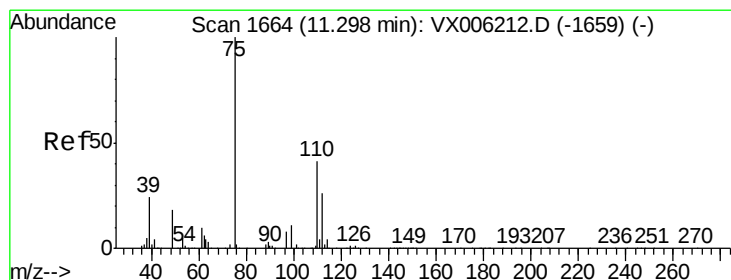
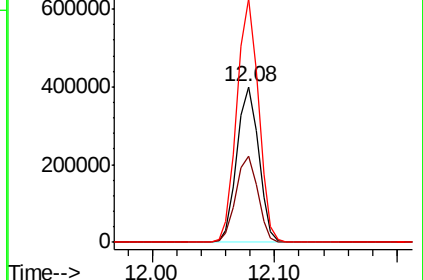
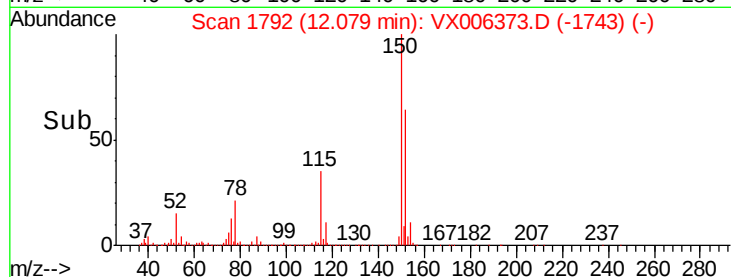
150 155.2 0.0 345.8



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



#76

1,2,3-Trichloropropane

Concen: 23.369 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006373.D

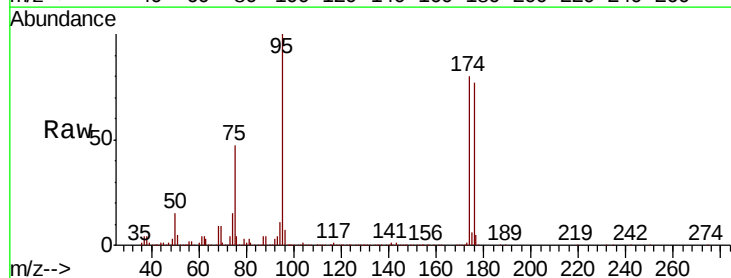
Acq: 10 Dec 2018 16:39

Tgt Ion: 75 Resp: 222107

Ion Ratio Lower Upper

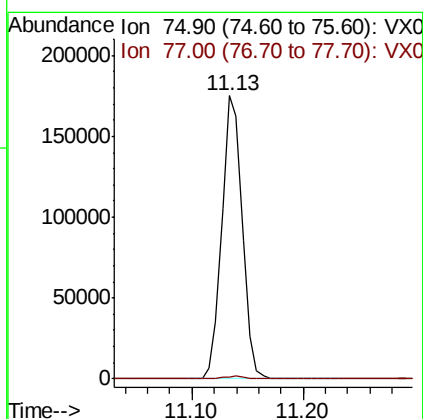
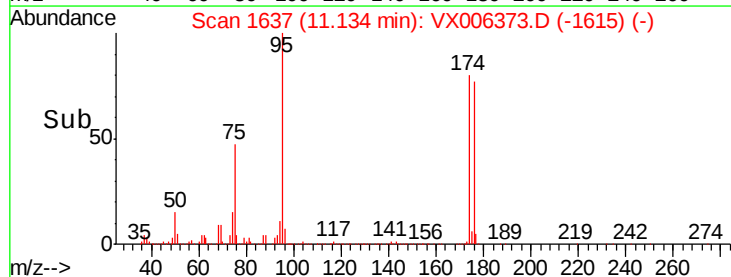
75 100

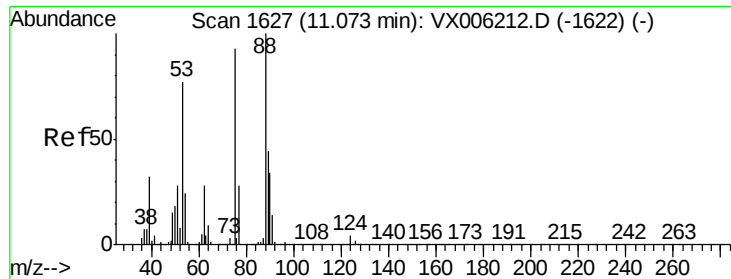
77 1.2 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.840 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-20181207

Tot Ion: 75 Resp: 222107

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

