

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006656.D
 Acq On : 19 Dec 2018 23:51
 Operator : JC/MD
 Sample : J6194-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 04:07:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	644319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1016156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	968957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	456881	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	356289	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	5.50	113	305612	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	8.71	98	1232130	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.13	95	445042	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	

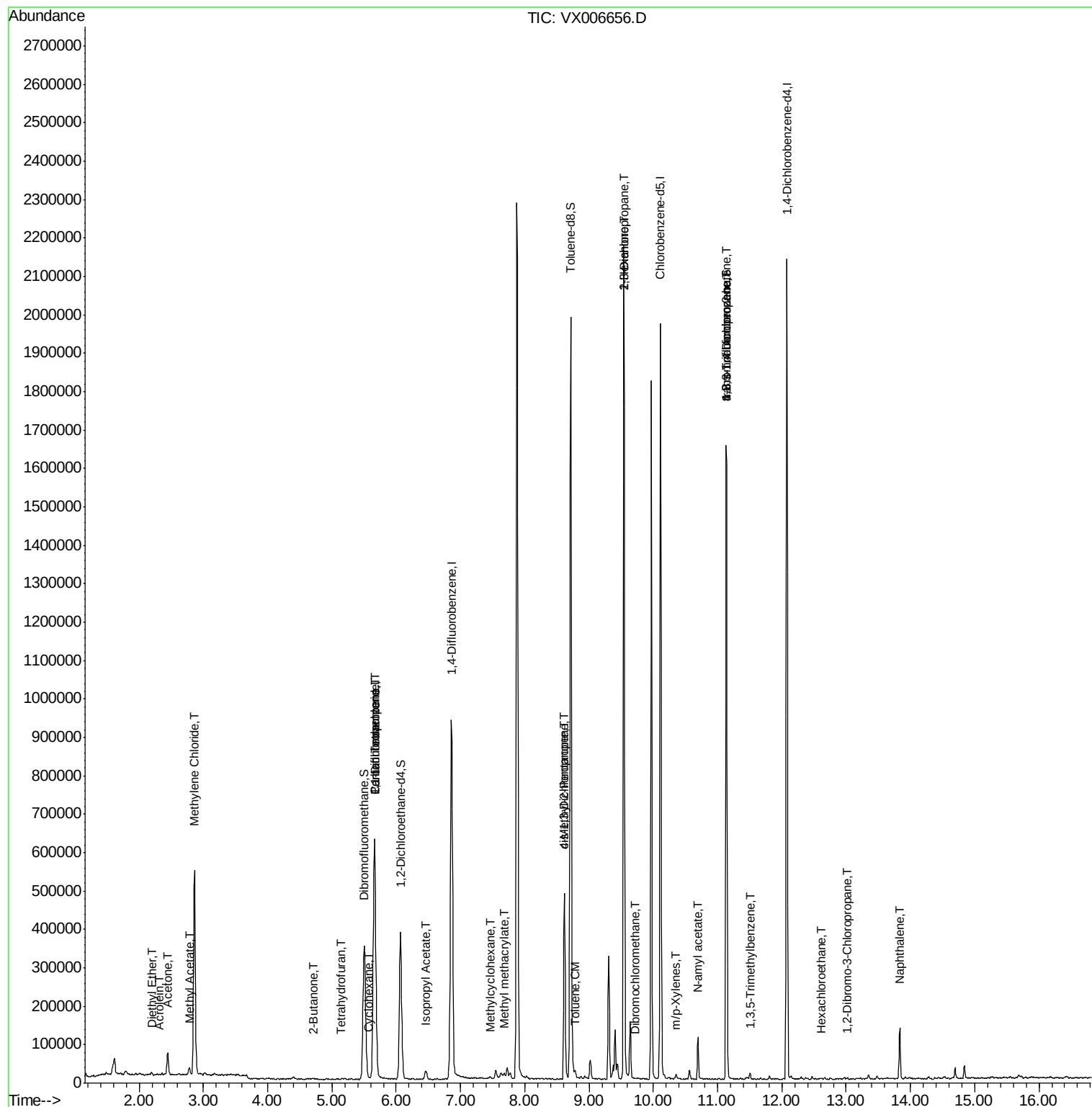
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	274	Below Cal	#	4
8) Diethyl Ether	2.19	74	2256	0.549	ug/l	89
13) Acrolein	2.31	56	337	0.322	ug/l	84
16) Acetone	2.45	43	60570	18.985	ug/l	97
18) Methyl Acetate	2.78	43	22960	2.447	ug/l	95
20) Methylene Chloride	2.86	84	249495	37.819	ug/l	97
25) 2-Butanone	4.70	43	3024	0.674	ug/l #	82
28) Bromochloromethane	5.06	49	424	Below Cal	#	22
29) Tetrahydrofuran	5.14	42	720	0.244	ug/l #	1
31) Cyclohexane	5.57	56	2857	0.297	ug/l #	59
36) 1,1-Dichloropropene	5.67	75	43033	5.113	ug/l #	48
38) Carbon Tetrachloride	5.66	117	59901	7.324	ug/l #	14
39) Methylcyclohexane	7.46	83	2671	0.241	ug/l #	93
43) Isopropyl Acetate	6.46	43	28969	2.174	ug/l	97
48) Methyl methacrylate	7.68	41	14473	2.135	ug/l #	12
49) 1,4-Dioxane	7.74	88	31	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	155028	18.281	ug/l #	49
52) Toluene	8.78	92	3842	0.232	ug/l	98
54) cis-1,3-Dichloropropene	8.62	75	78829	8.811	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	19037	1.749	ug/l #	45
59) 2-Hexanone	9.54	43	233344	35.963	ug/l #	52
60) Dibromochloromethane	9.71	129	132	2.342	ug/l	57
68) m/p-Xylenes	10.35	106	2732	0.207	ug/l	87
74) N-amyl acetate	10.69	43	22742	2.033	ug/l #	55
76) 1,2,3-Trichloropropane	11.13	75	205282	24.177	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	7151	0.278	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	205282	71.582	ug/l #	10
90) Hexachloroethane	12.61	117	451	3.390	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	13.01	75	443	0.230	ug/l #	2
95) Naphthalene	13.83	128	84731	2.526	ug/l	99

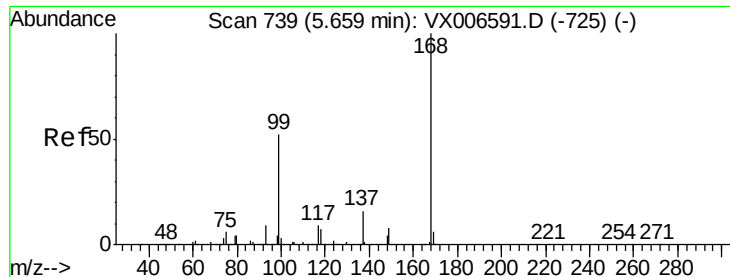
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

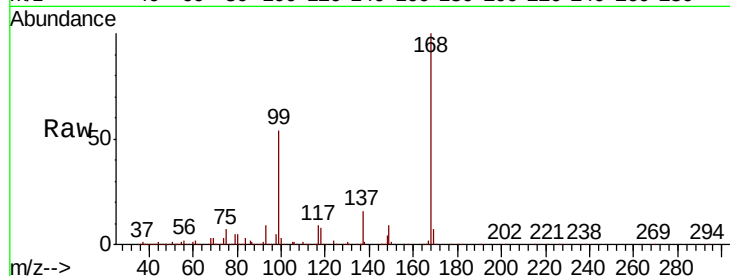
ClientSampled :

Tot Ion:168 Resp: 644319

Ion Ratio Lower Upper

168 100

99 54.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006591.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006591.D (-725) (-)

5.67

250000

200000

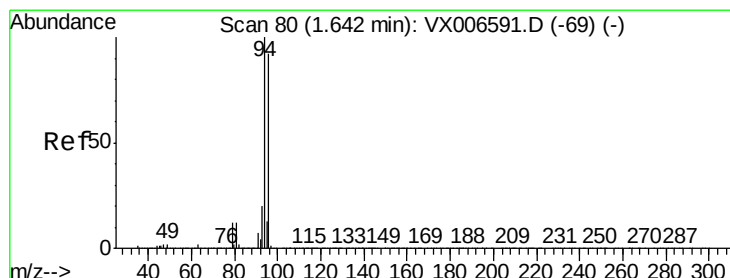
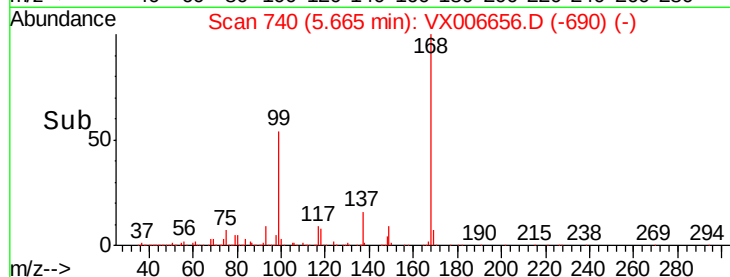
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX006656.D

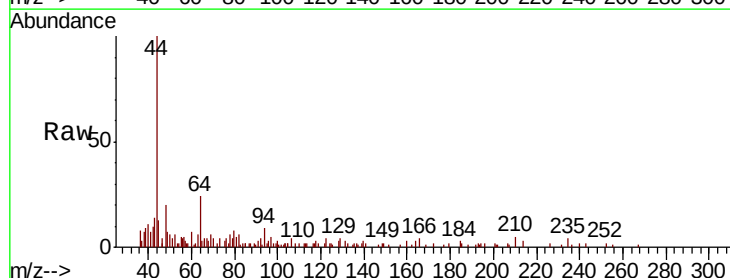
Acq: 19 Dec 2018 23:51

Tgt Ion: 94 Resp: 274

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX006591.D (-69) (-)

Ion 95.90 (95.60 to 96.60): VX006591.D (-69) (-)

1.66

500

400

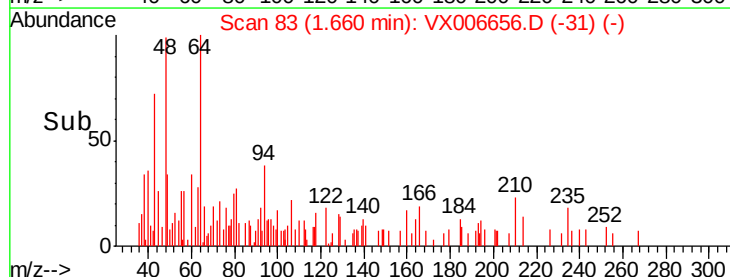
300

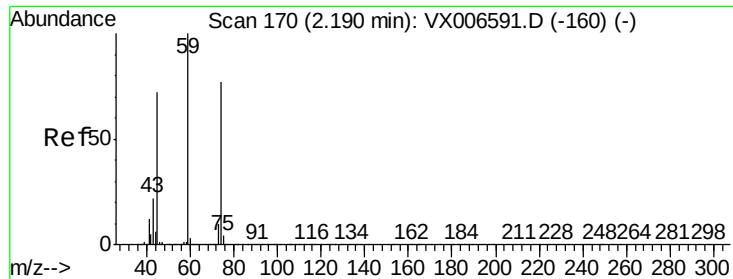
200

100

0

Time--> 1.62 1.64 1.66 1.68





#8

Diethyl Ether

Concen: 0.549 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

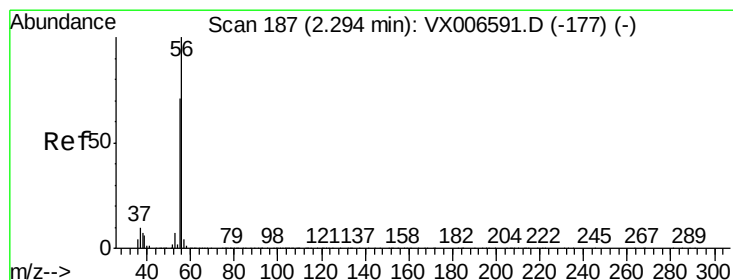
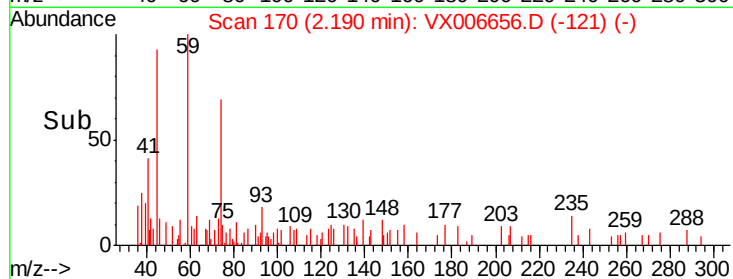
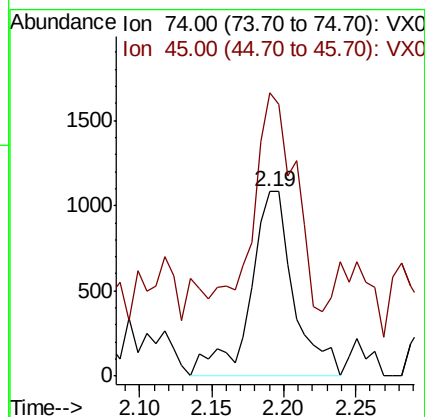
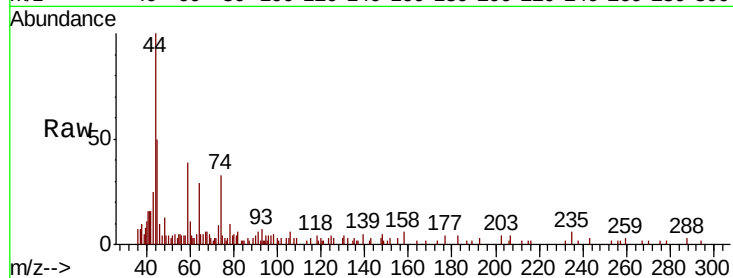
ClientSampleId :

Tot Ion: 74 Resp: 2256

Ion Ratio Lower Upper

74 100

45 103.1 46.3 138.9



#13

Acrolein

Concen: 0.322 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006656.D

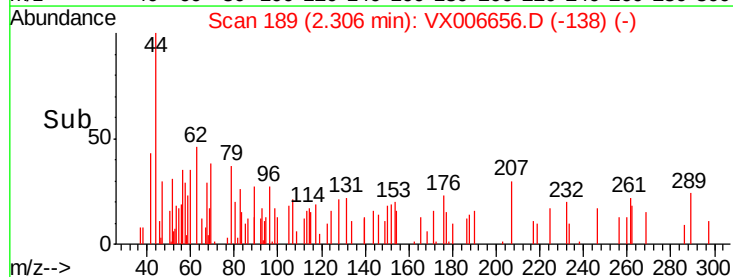
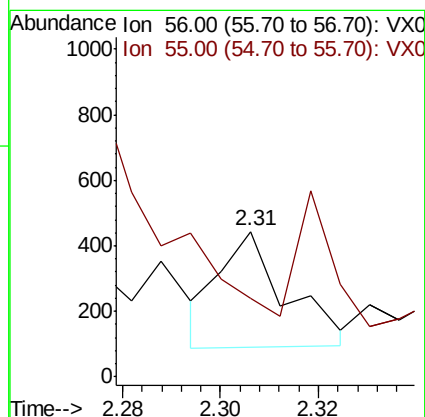
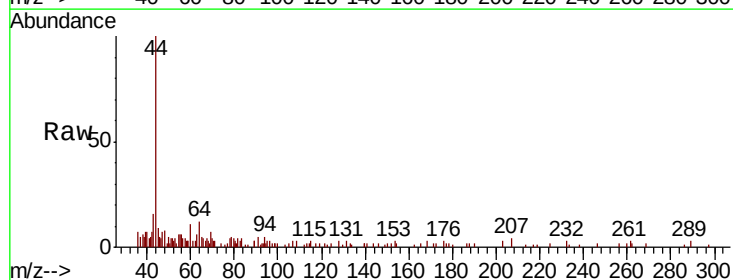
Acq: 19 Dec 2018 23:51

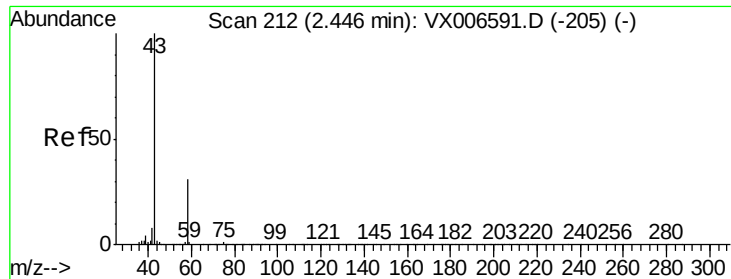
Tgt Ion: 56 Resp: 337

Ion Ratio Lower Upper

56 100

55 59.6 58.2 87.4

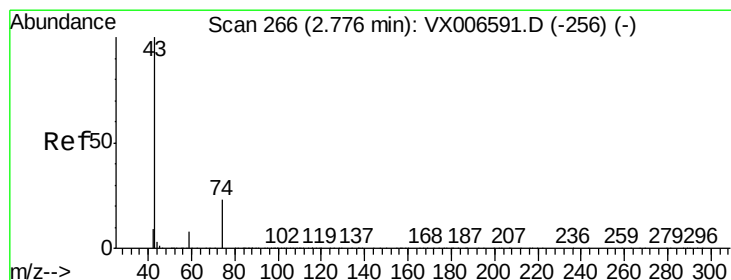
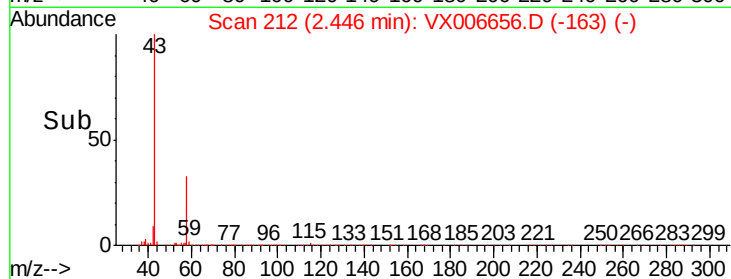
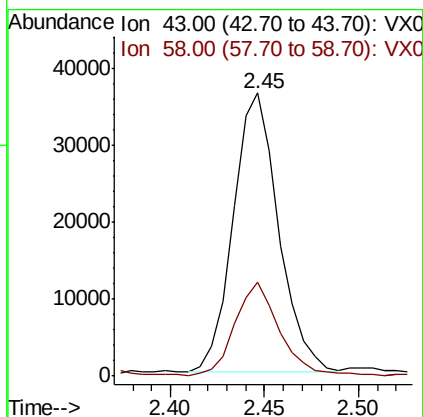
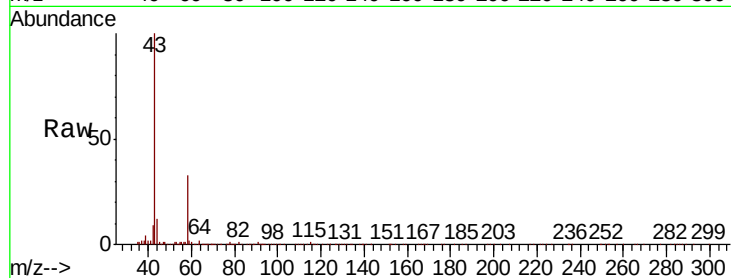




#16
Acetone
Concen: 18.985 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

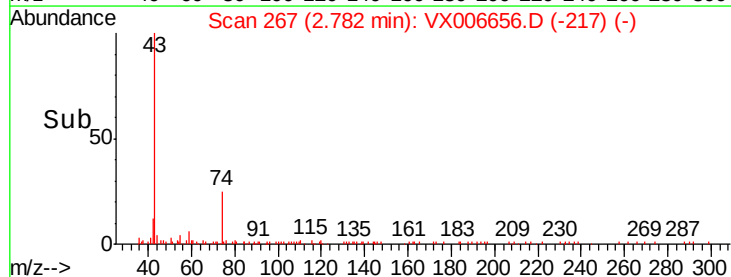
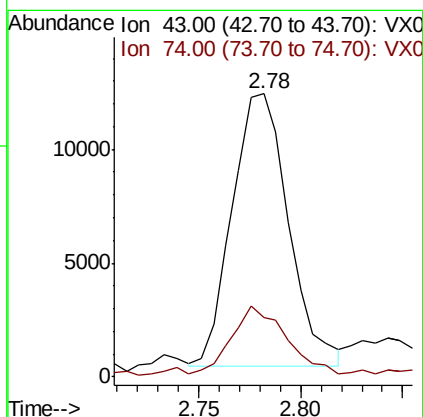
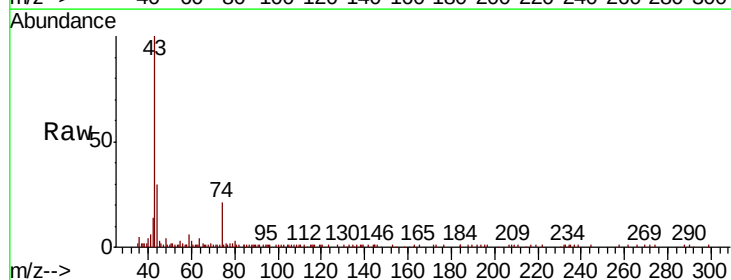
Instrument :
MSVOA_X
ClientSampleId :

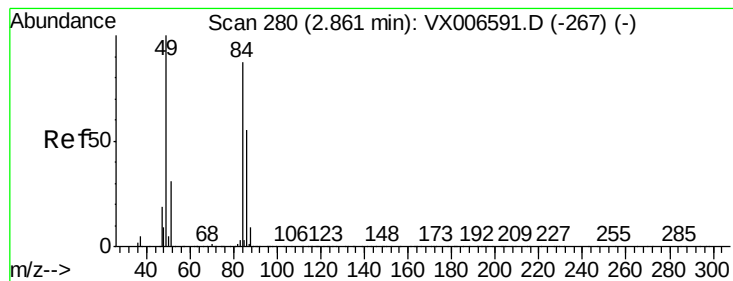
Tot Ion: 43 Resp: 60570
Ion Ratio Lower Upper
43 100
58 33.1 25.0 37.6



#18
Methyl Acetate
Concen: 2.447 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

Tgt Ion: 43 Resp: 22960
Ion Ratio Lower Upper
43 100
74 25.7 18.6 28.0





#20

Methylene Chloride

Concen: 37.819 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 249495

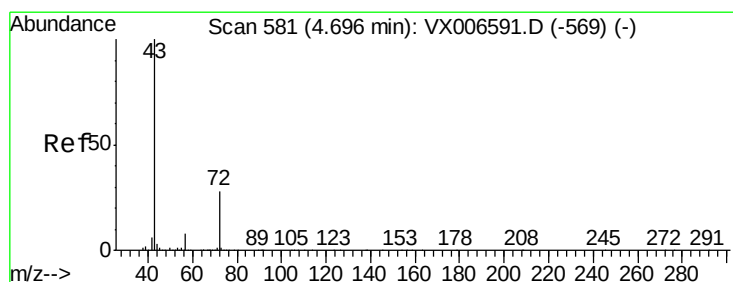
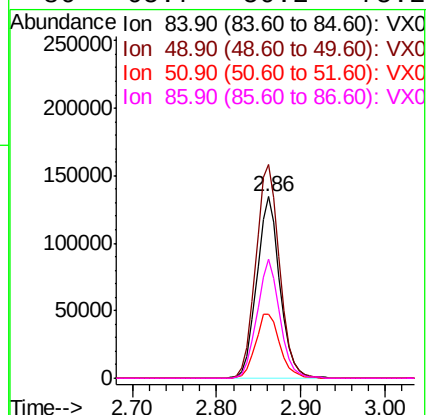
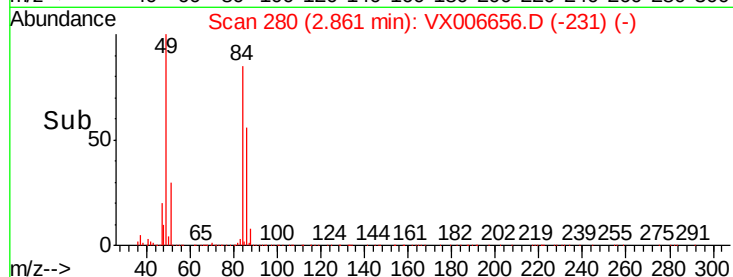
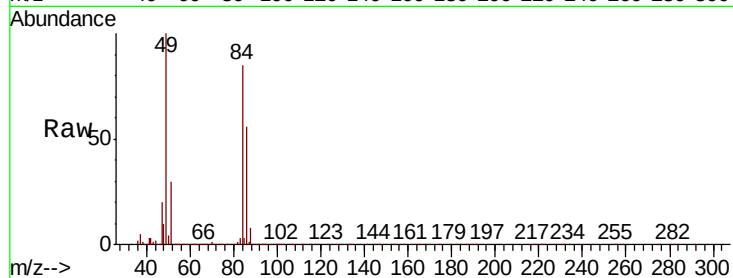
Ion Ratio Lower Upper

84 100

49 117.4 91.8 137.6

51 35.3 28.5 42.7

86 65.7 50.2 75.2



#25

2-Butanone

Concen: 0.674 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006656.D

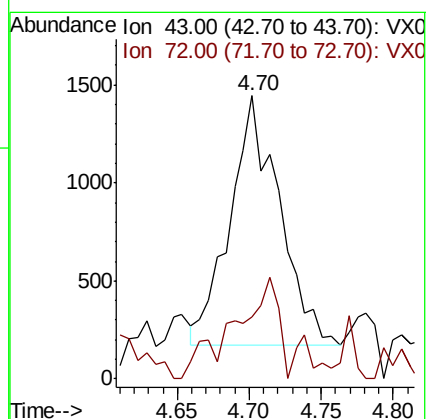
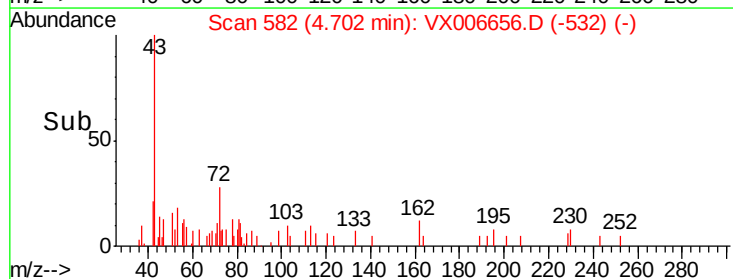
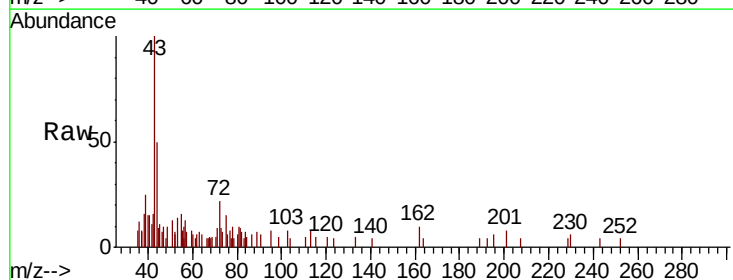
Acq: 19 Dec 2018 23:51

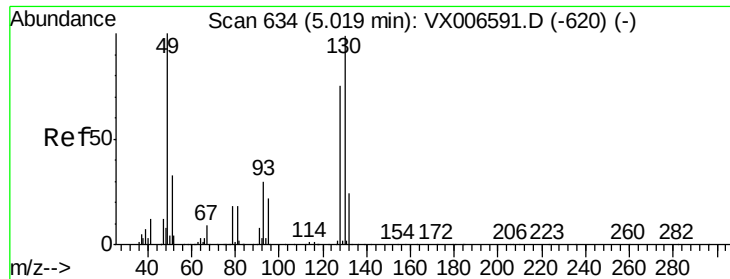
Tgt Ion: 43 Resp: 3024

Ion Ratio Lower Upper

43 100

72 18.7 22.4 33.6#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.06 min Scan# 640

Delta R.T. 0.04 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampled :

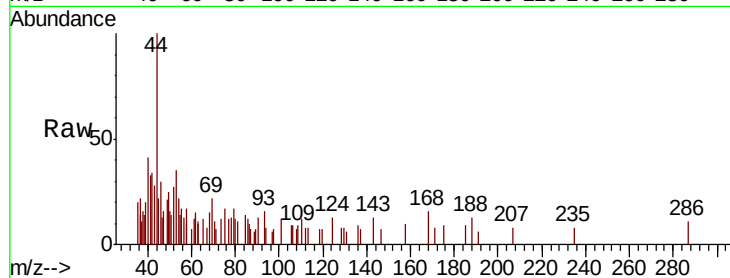
Tot Ion: 49 Resp: 424

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

130 18.4 77.7 116.5#



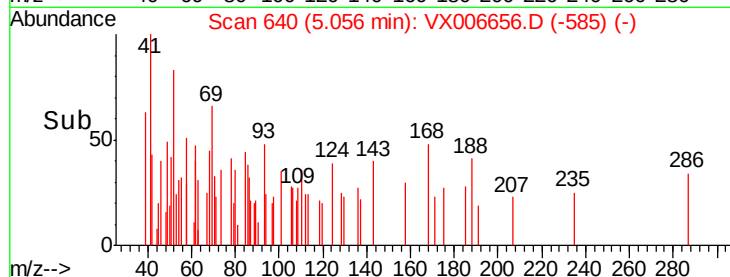
Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

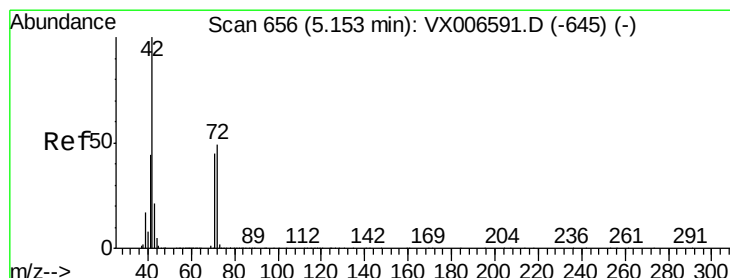
Ion 129.80 (129.50 to 130.50): V

5.06

Time-->



Time-->



#29

Tetrahydrofuran

Concen: 0.244 ug/l

RT: 5.14 min Scan# 654

Delta R.T. -0.01 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

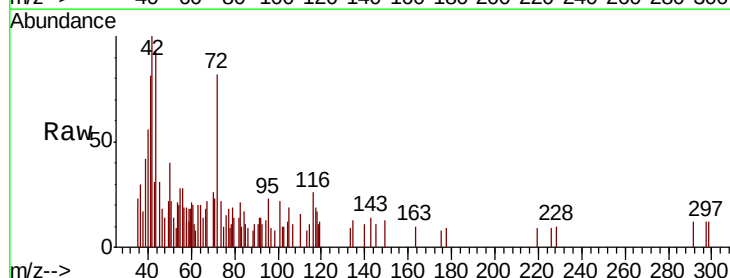
Tgt Ion: 42 Resp: 720

Ion Ratio Lower Upper

42 100

72 225.8 38.9 58.3#

71 55.0 36.2 54.4#



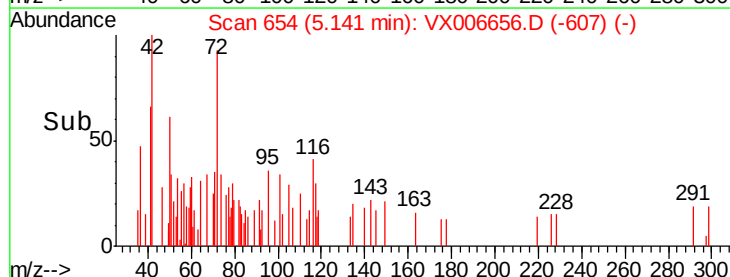
Abundance Ion 42.00 (41.70 to 42.70): VX0

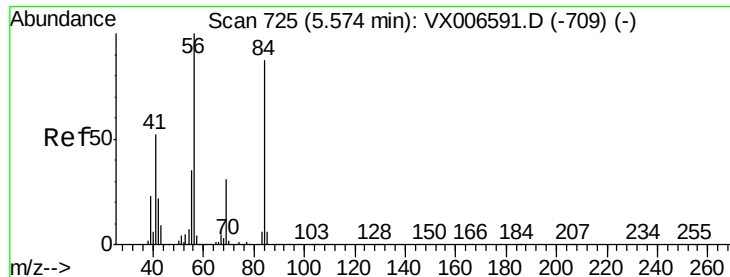
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.14

Time-->

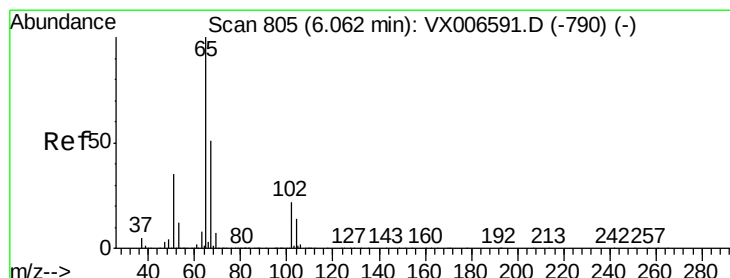
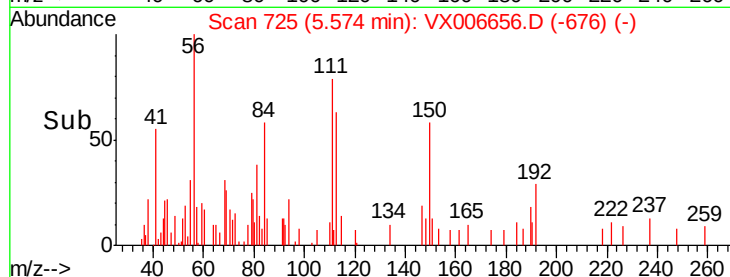
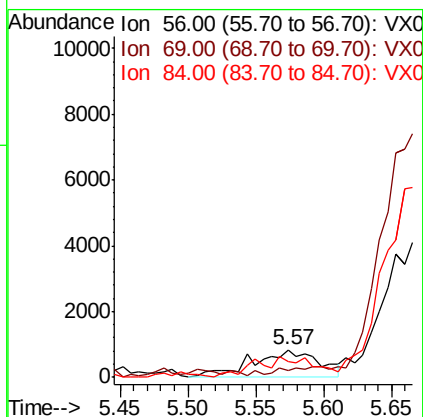
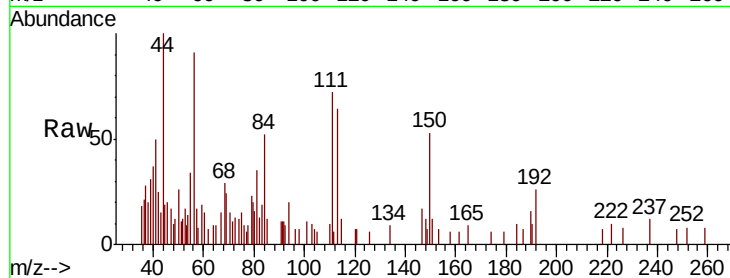




#31
Cyclohexane
Concen: 0.297 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

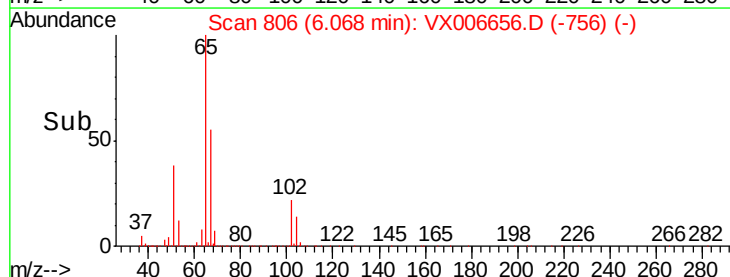
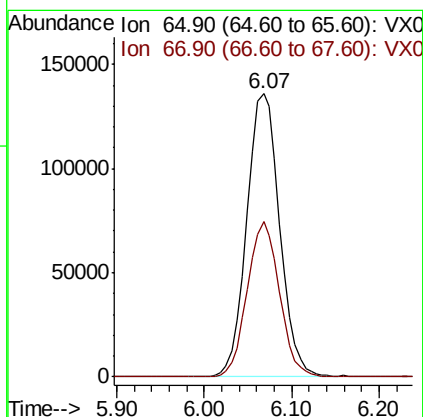
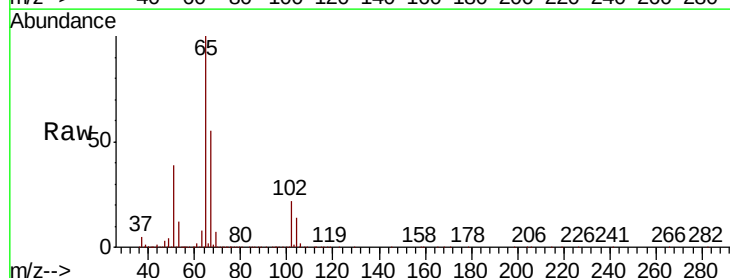
Instrument :
MSVOA_X
ClientSampleId :

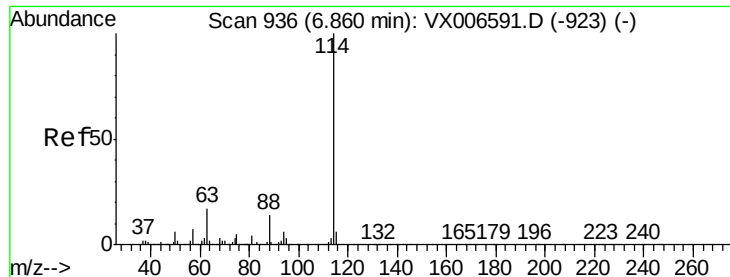
Tot Ion: 56 Resp: 2857
Ion Ratio Lower Upper
56 100
69 8.6 24.4 36.6#
84 48.6 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 51.308 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

Tgt Ion: 65 Resp: 356289
Ion Ratio Lower Upper
65 100
67 53.8 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: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

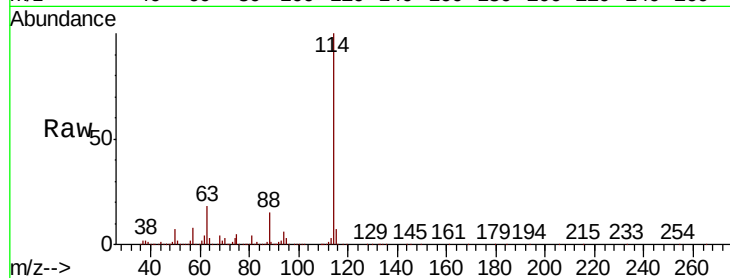
Tot Ion:114 Resp: 1016156

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

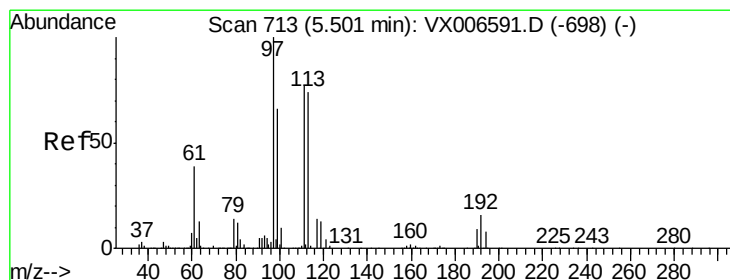
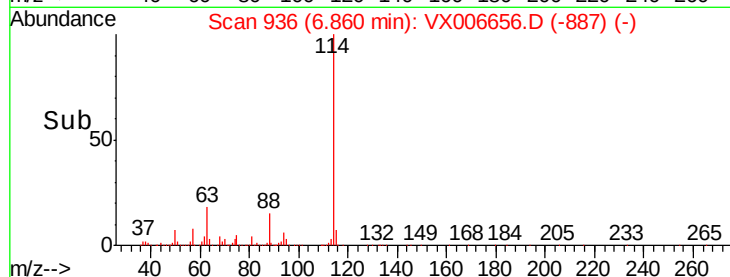
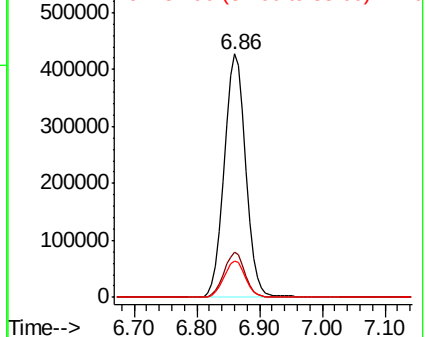
88 15.1 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.559 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

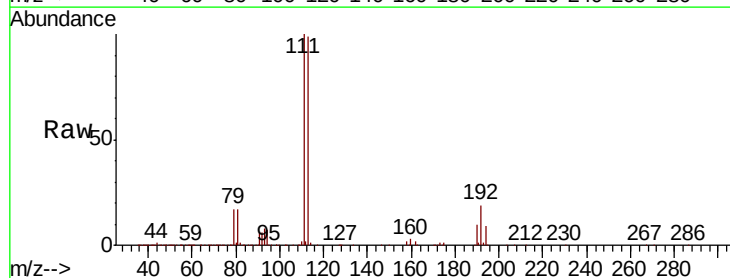
Tgt Ion:113 Resp: 305612

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

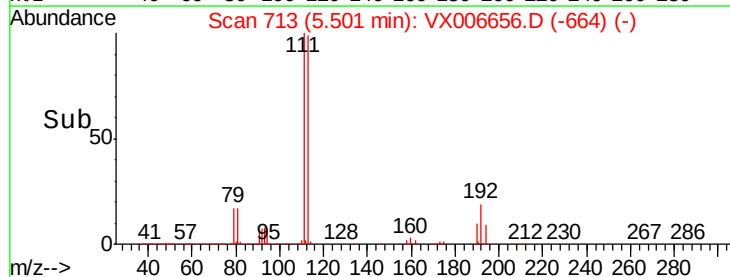
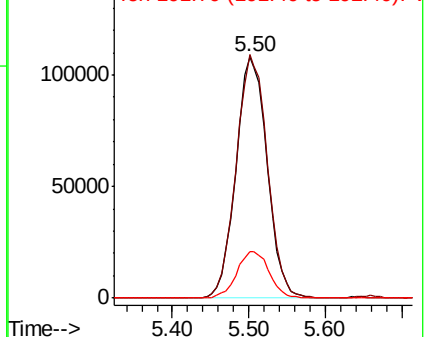
192 20.1 16.7 25.1

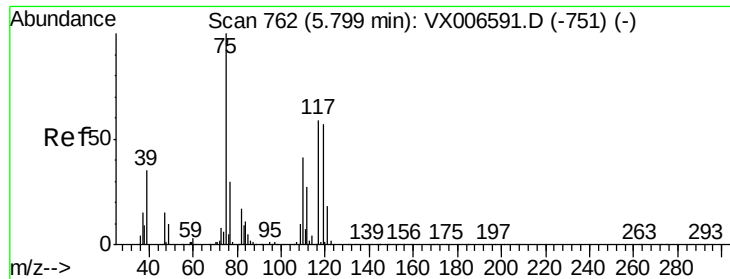


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

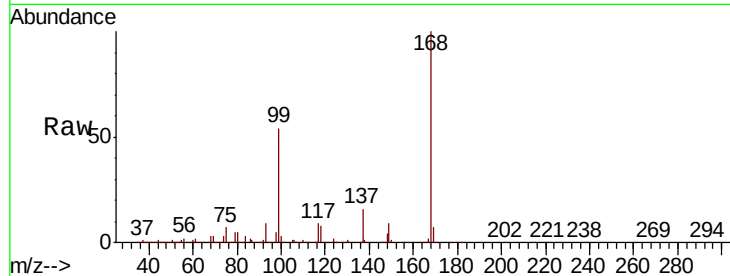




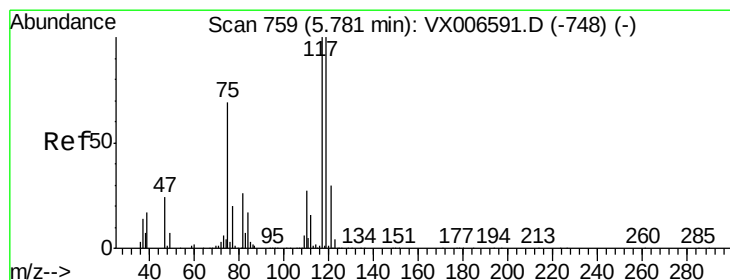
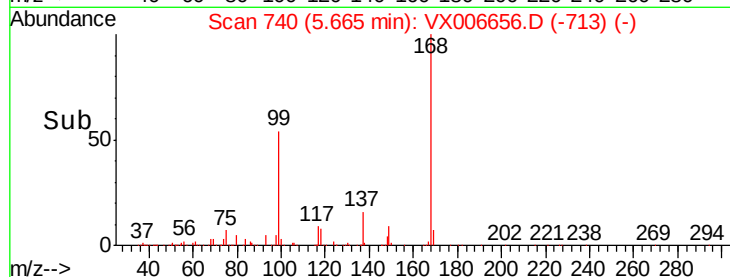
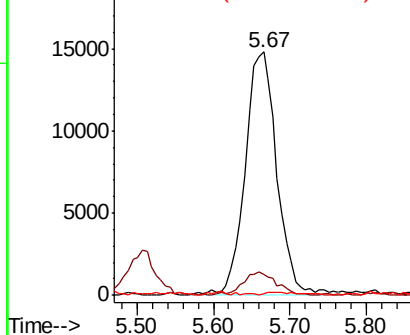
#36
 1,1-Dichloropropene
 Concen: 5.113 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006656.D
 Acq: 19 Dec 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.2	60.5#
77	0.0	24.8	37.2#

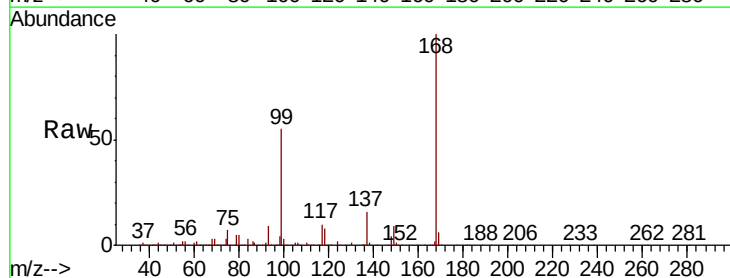


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

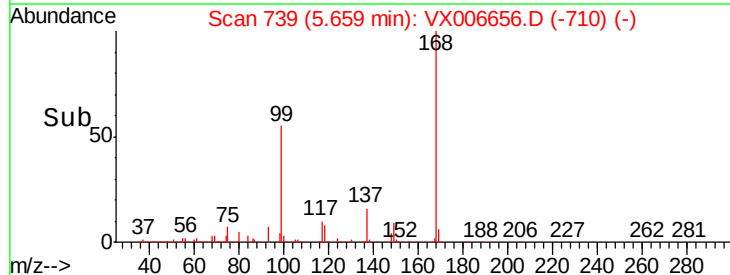
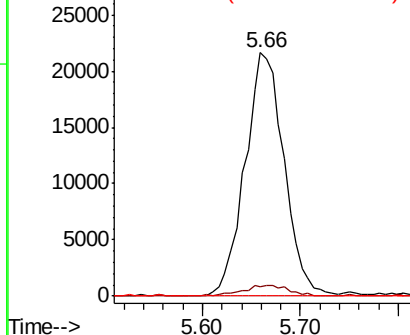


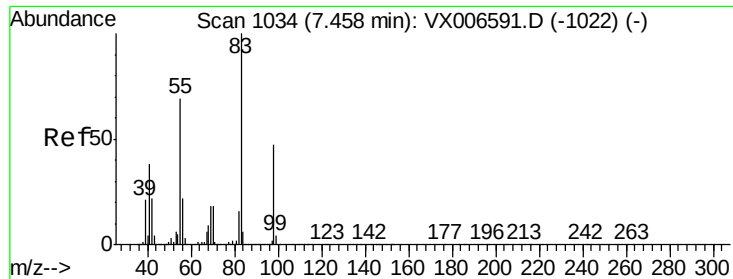
#38
 Carbon Tetrachloride
 Concen: 7.324 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006656.D
 Acq: 19 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	79.4	119.2#
121	0.2	24.0	36.0#



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

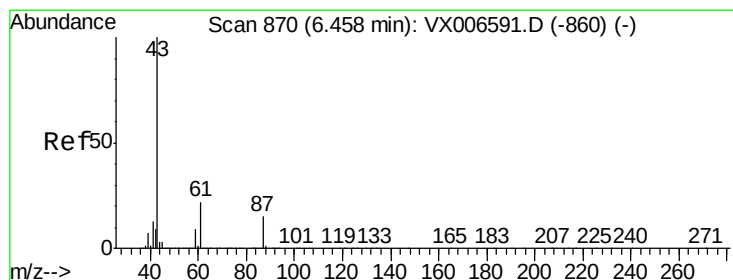
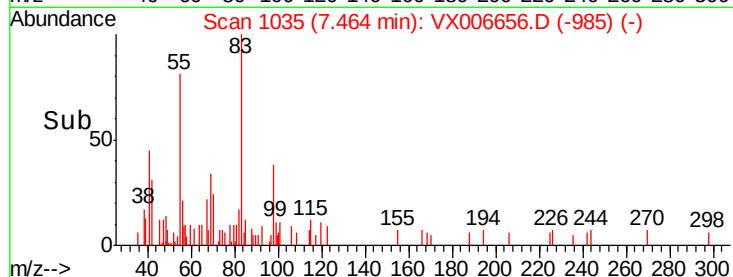
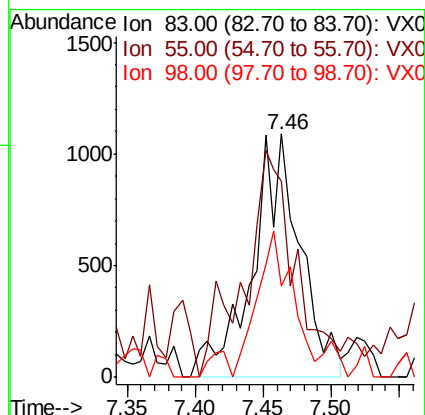
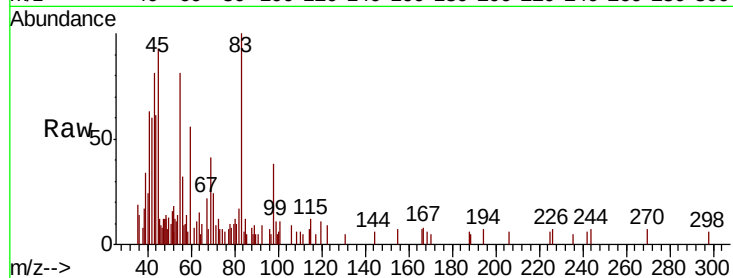




#39
Methylvlcyclohexane
Concen: 0.241 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

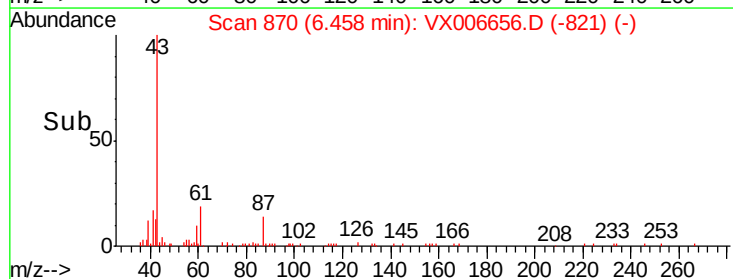
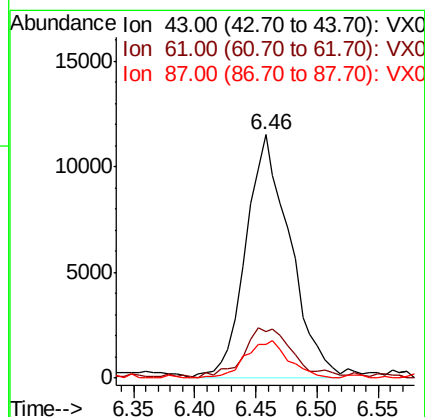
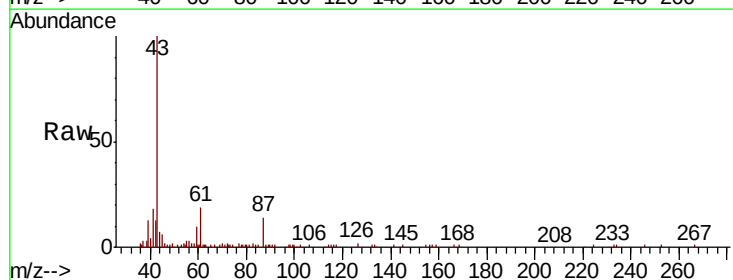
Instrument :
MSVOA_X
ClientSampled :

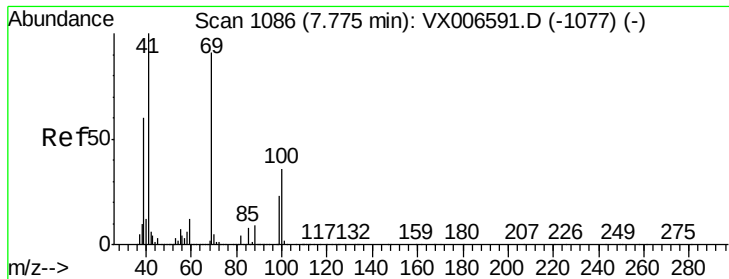
Tot Ion: 83 Resp: 2671
Ion Ratio Lower Upper
83 100
55 70.2 54.9 82.3
98 37.5 37.9 56.9#



#43
Isopropyl Acetate
Concen: 2.174 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

Tgt Ion: 43 Resp: 28969
Ion Ratio Lower Upper
43 100
61 23.1 16.8 25.2
87 15.3 12.4 18.6





#48

Methvl methacrylate

Concen: 2.135 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

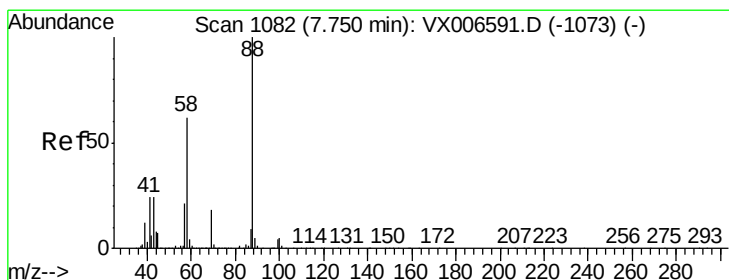
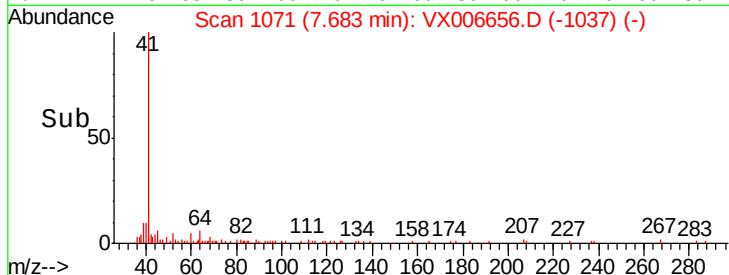
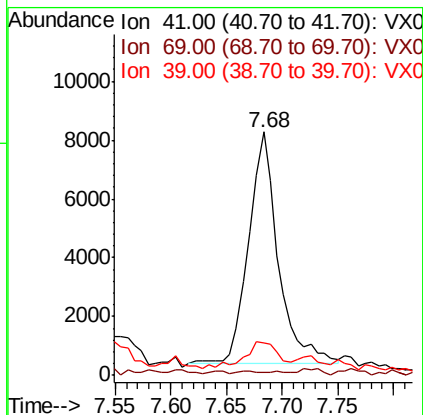
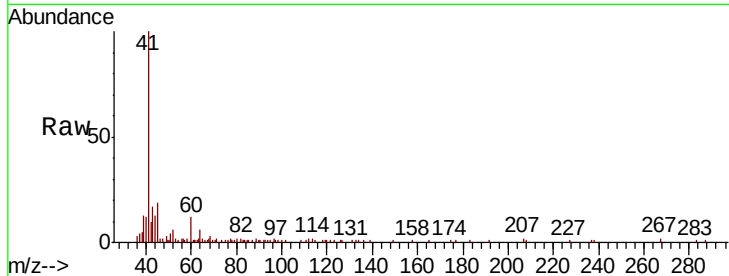
Tot Ion: 41 Resp: 14473

Ion Ratio Lower Upper

41 100

69 0.8 72.4 108.6#

39 0.0 45.8 68.8#



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

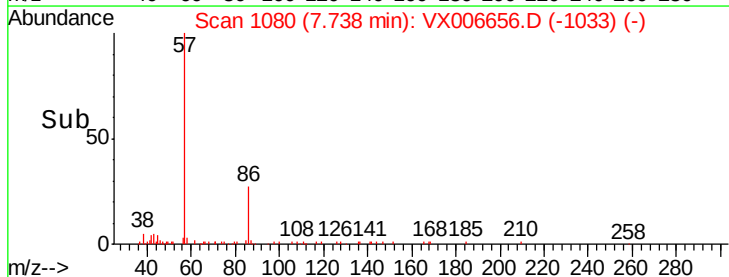
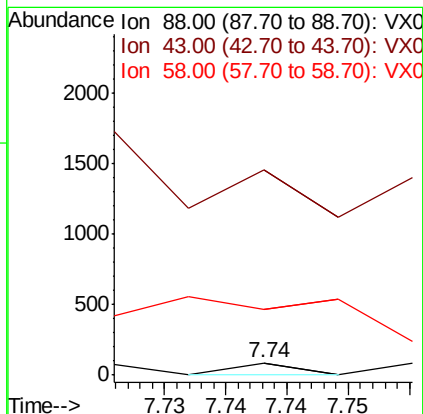
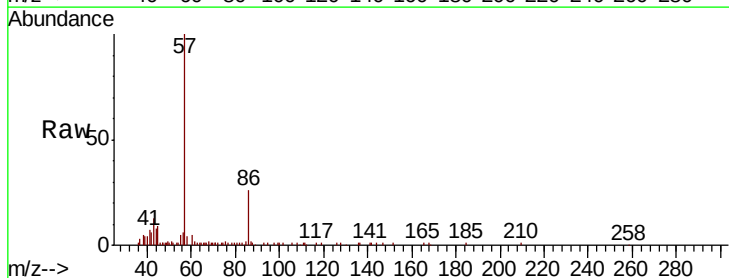
Tgt Ion: 88 Resp: 31

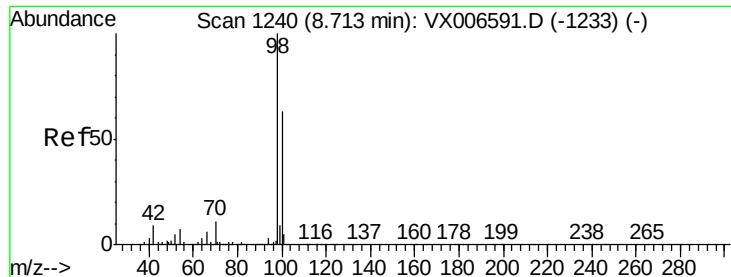
Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 0.0 51.0 76.4#

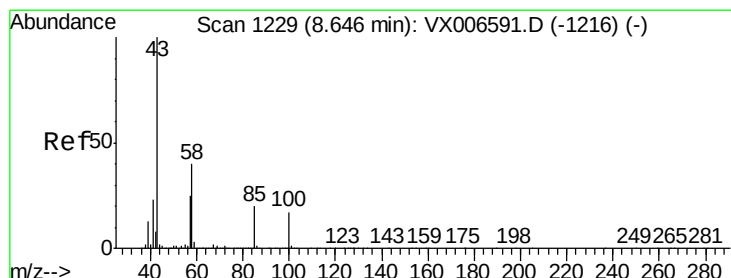
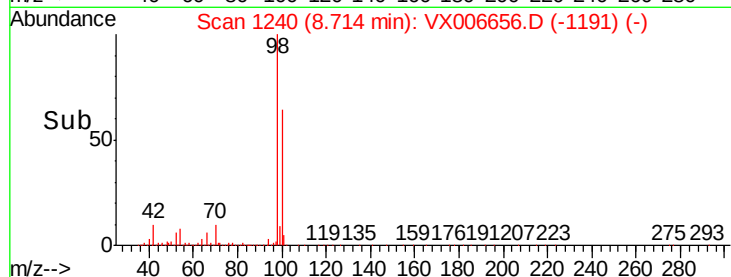
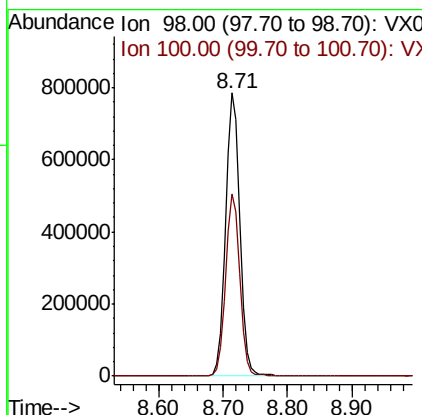
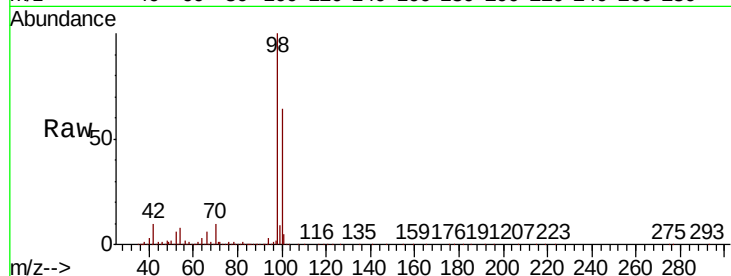




#50
Toluene-d8
Concen: 50.859 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

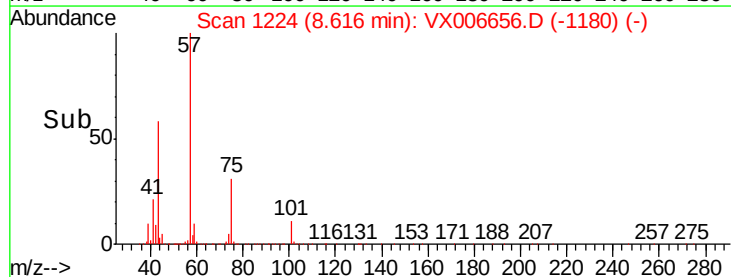
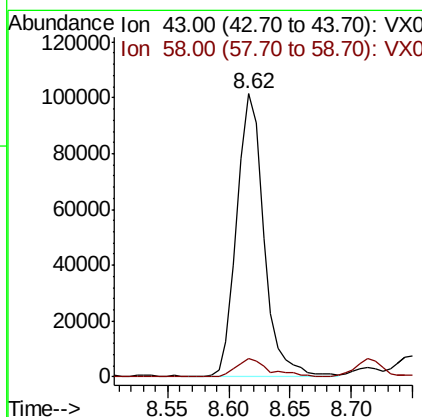
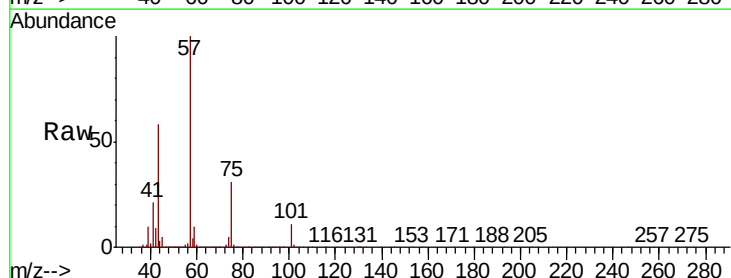
Instrument :
MSVOA_X
ClientSampled :

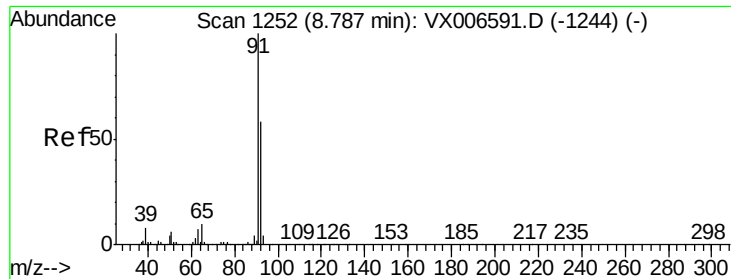
Tot Ion: 98 Resp: 1232130
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 18.281 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

Tgt Ion: 43 Resp: 155028
Ion Ratio Lower Upper
43 100
58 8.1 31.8 47.6#





#52

Toluene

Concen: 0.232 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

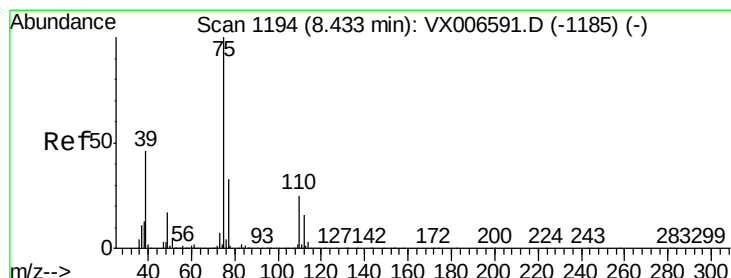
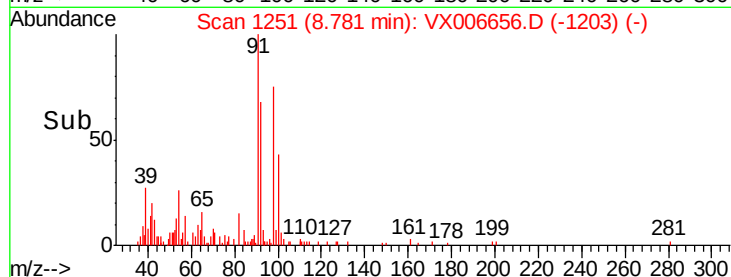
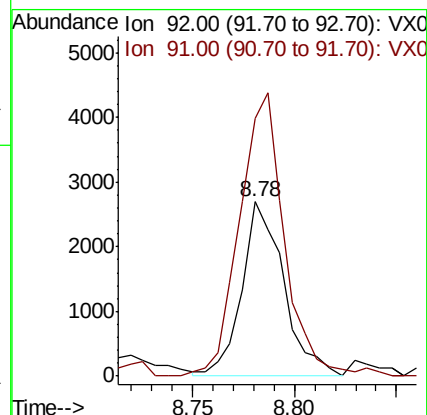
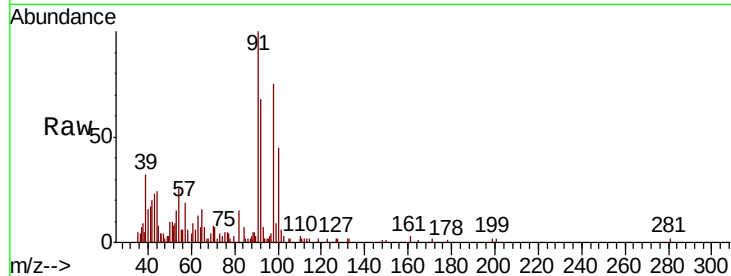
ClientSampleId :

Tot Ion: 92 Resp: 3842

Ion Ratio Lower Upper

92 100

91 175.1 137.6 206.4



#54

cis-1,3-Dichloropropene

Concen: 8.811 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

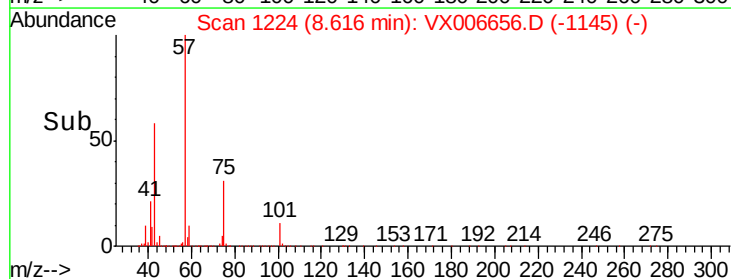
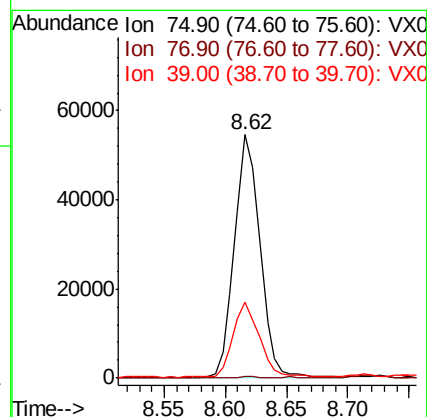
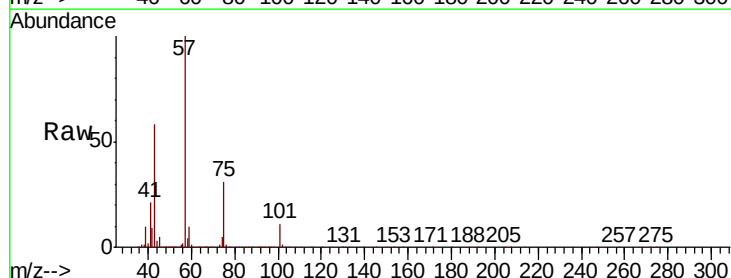
Tgt Ion: 75 Resp: 78829

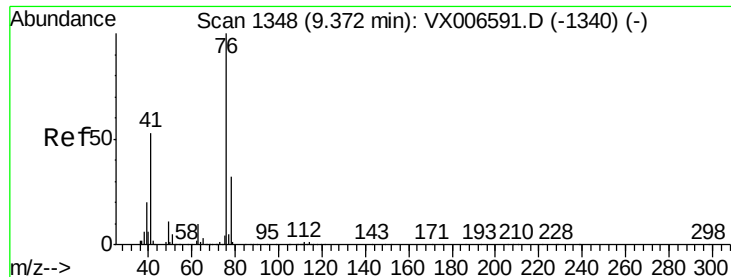
Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

39 30.8 36.7 55.1#





#57

1,3-Dichloropropane

Concen: 1.749 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

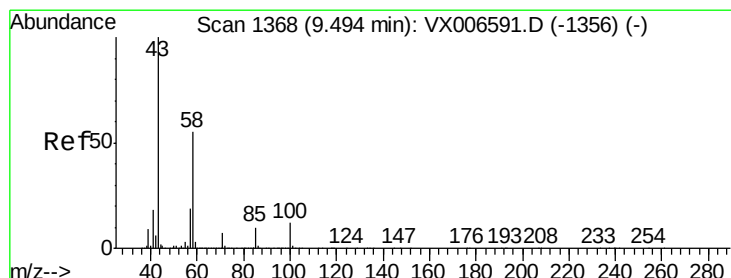
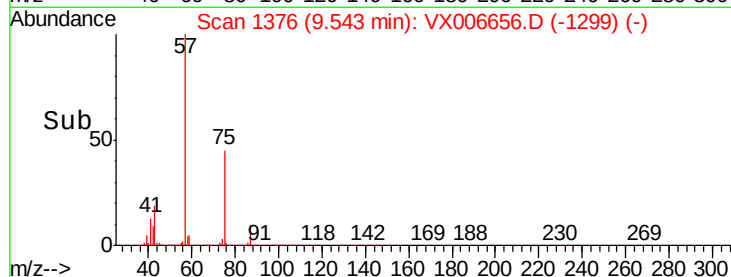
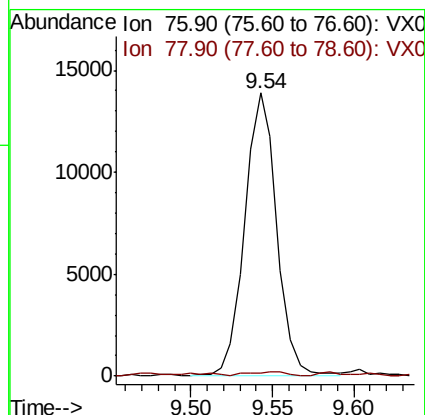
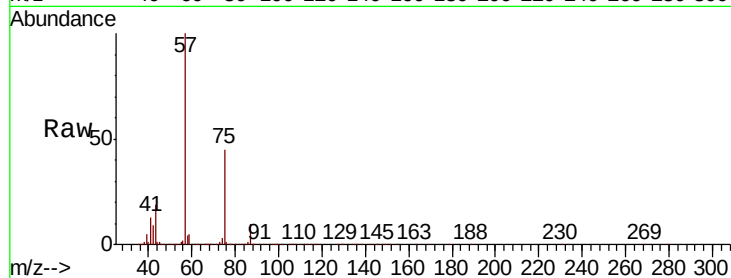
ClientSampleId :

Tot Ion: 76 Resp: 19037

Ion Ratio Lower Upper

76 100

78 1.7 26.0 39.0#



#59

2-Hexanone

Concen: 35.963 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006656.D

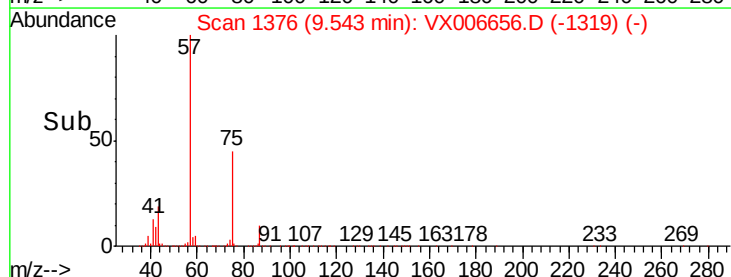
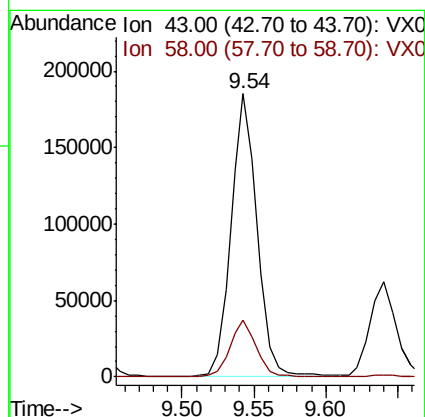
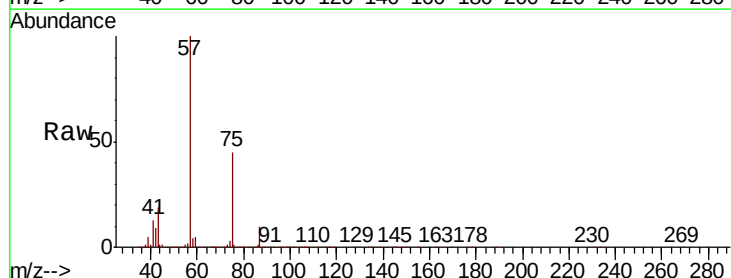
Acq: 19 Dec 2018 23:51

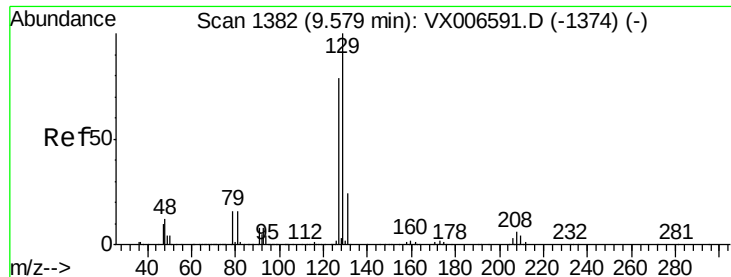
Tgt Ion: 43 Resp: 233344

Ion Ratio Lower Upper

43 100

58 20.5 27.7 83.1#





#60

Dibromochloromethane

Concen: 2.342 ug/l

RT: 9.71 min Scan# 1404

Delta R.T. 0.13 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

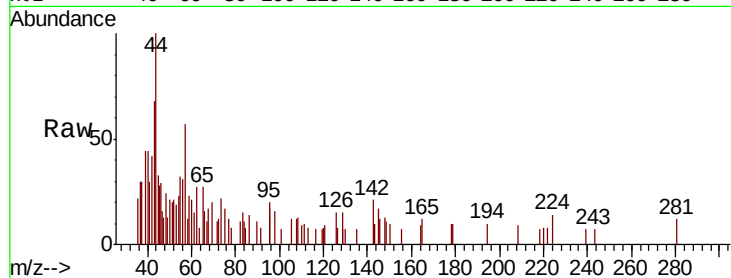
ClientSampleId :

Tot Ion:129 Resp: 132

Ion Ratio Lower Upper

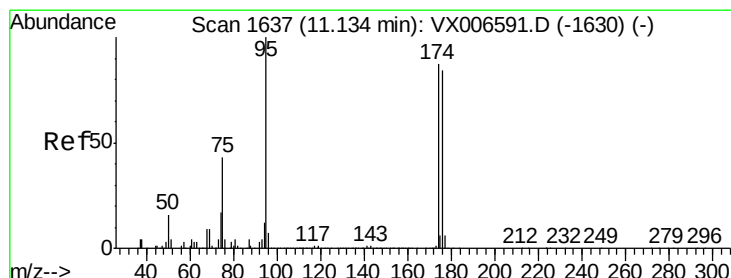
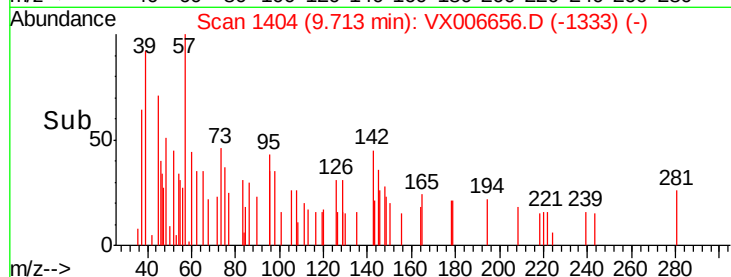
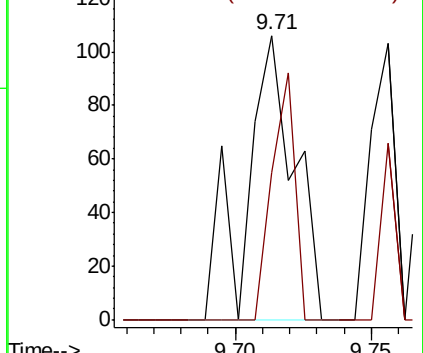
129 100

127 40.9 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 50.159 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

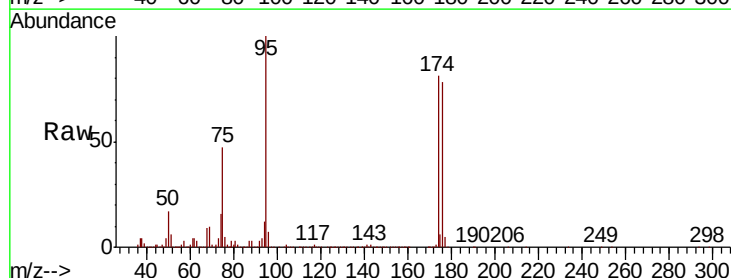
Tgt Ion: 95 Resp: 445042

Ion Ratio Lower Upper

95 100

174 87.3 0.0 182.2

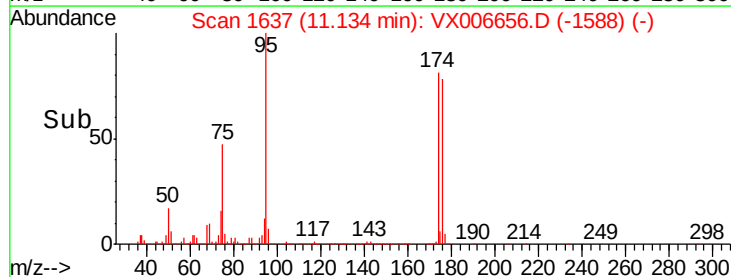
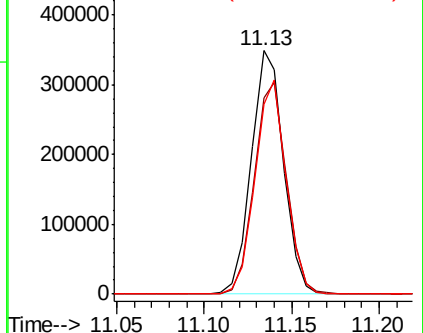
176 85.3 0.0 178.8

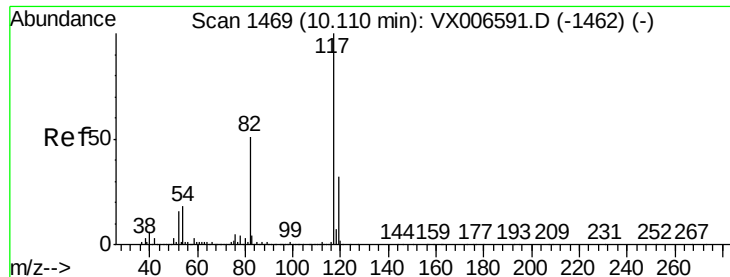


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

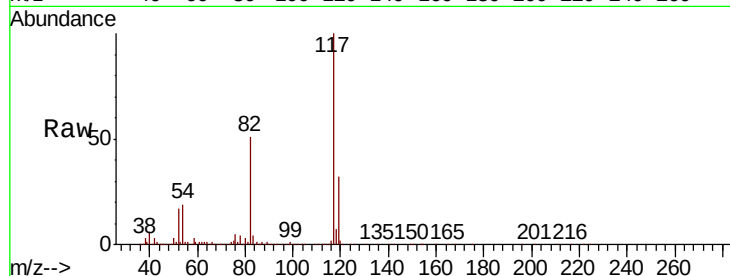




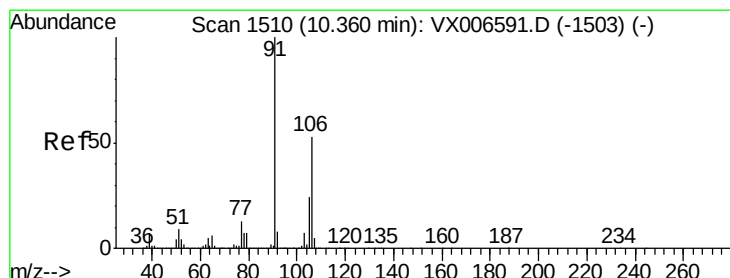
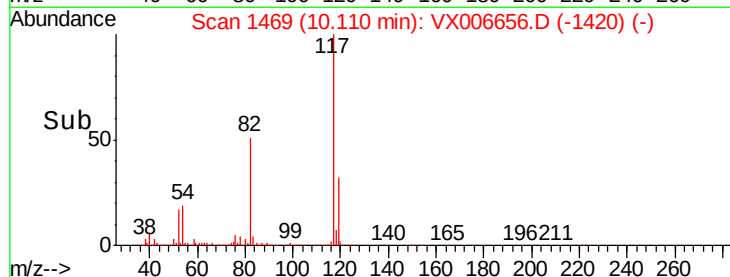
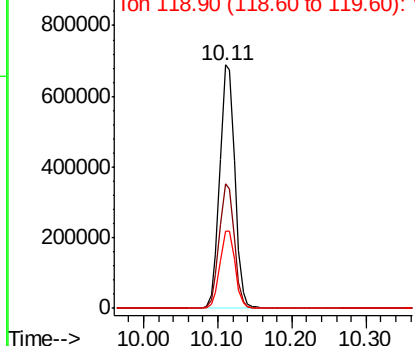
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.0	61.6
119	31.9	25.4	38.0

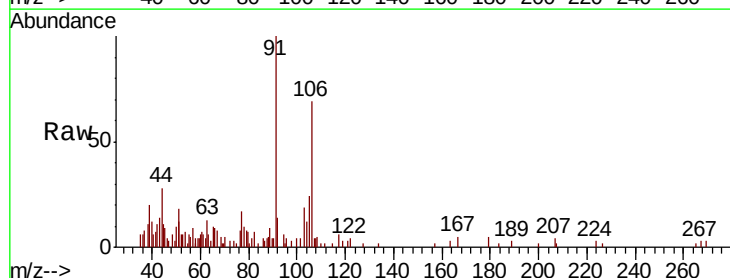


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

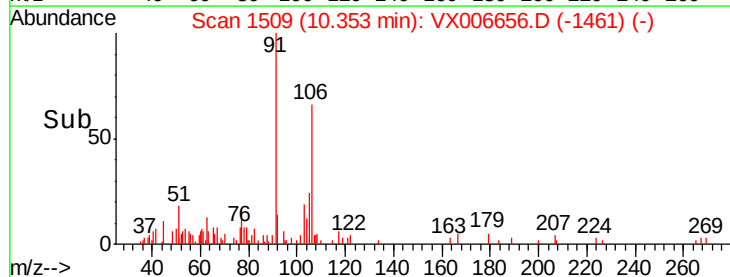
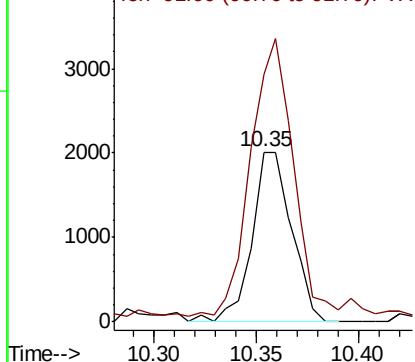


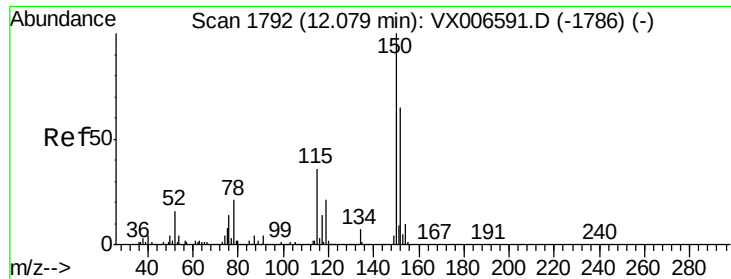
#68
m/p-Xylenes
Concen: 0.207 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
106	100		
91	174.8	155.8	233.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



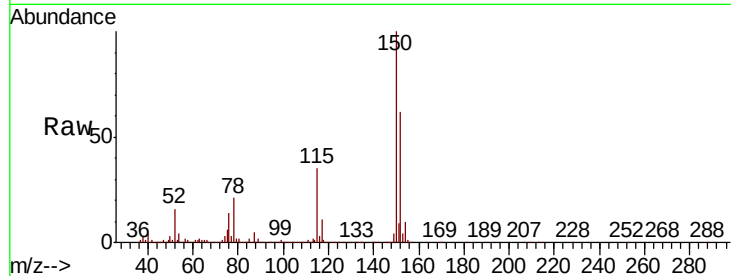


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.1	117.2
150	157.5	0.0	344.8

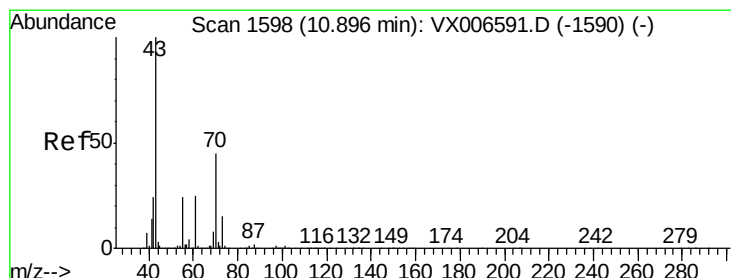
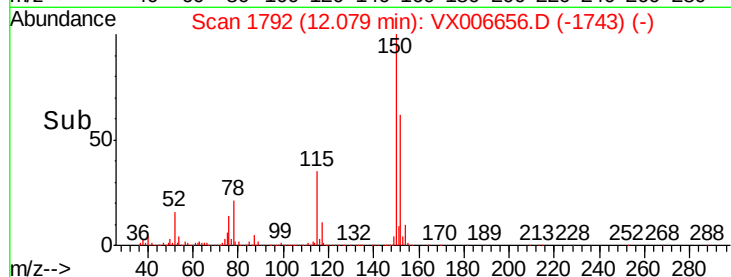
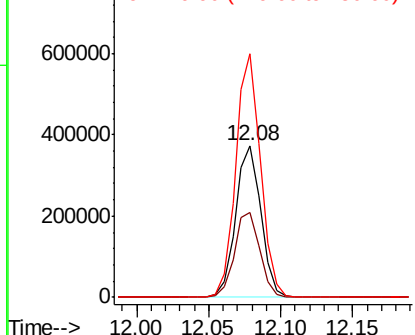


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

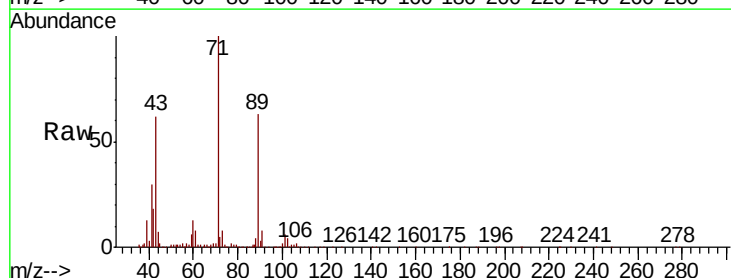
Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate
Concen: 2.033 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006656.D
Acq: 19 Dec 2018 23:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	4.1	35.8	53.8#
55	6.1	19.4	29.0#
61	14.8	20.1	30.1#



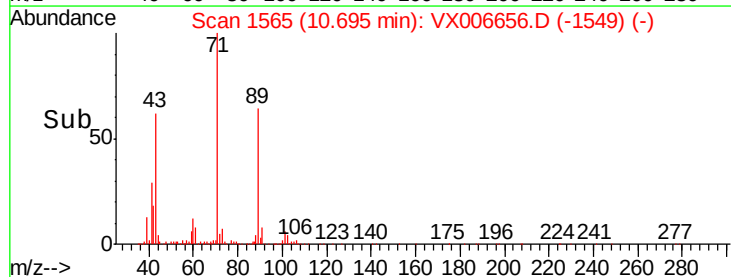
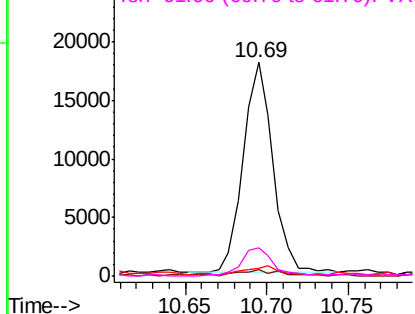
Abundance

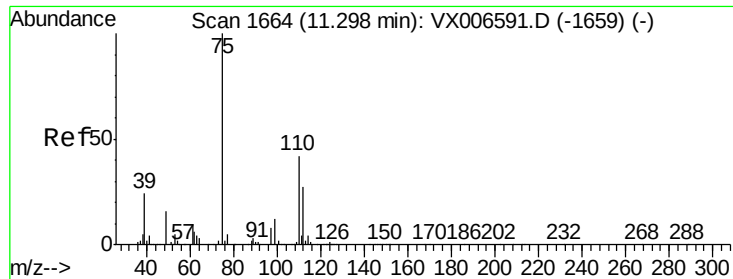
Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 24.177 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

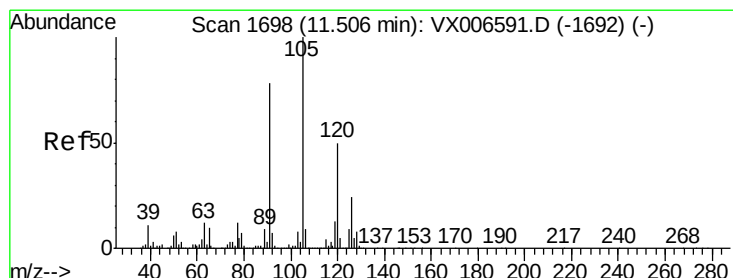
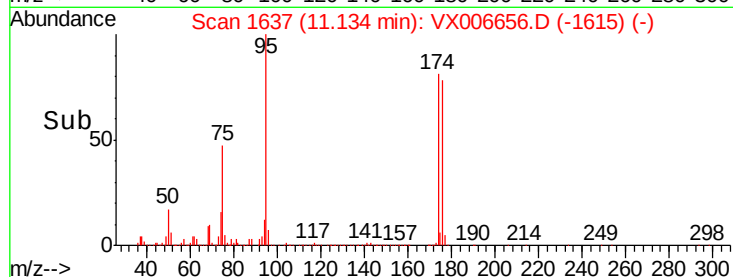
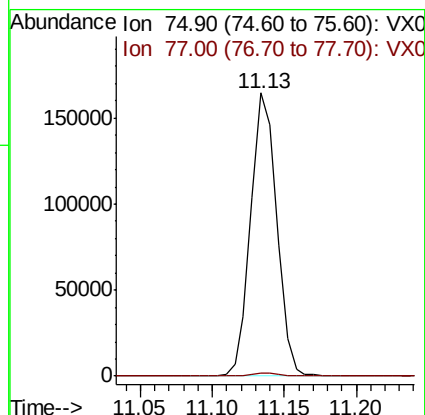
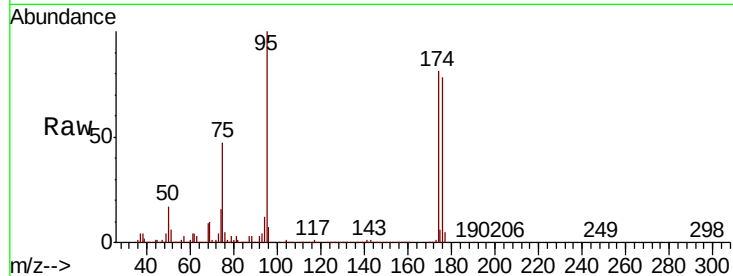
ClientSampleId :

Tot Ion: 75 Resp: 205282

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.278 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006656.D

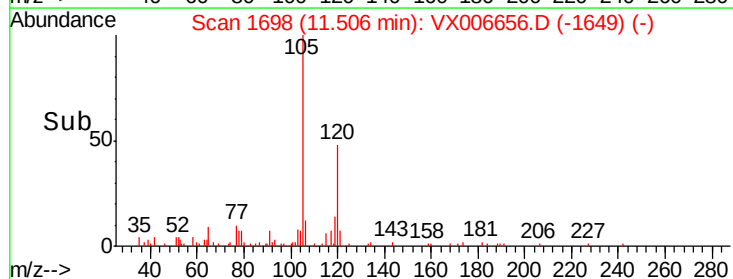
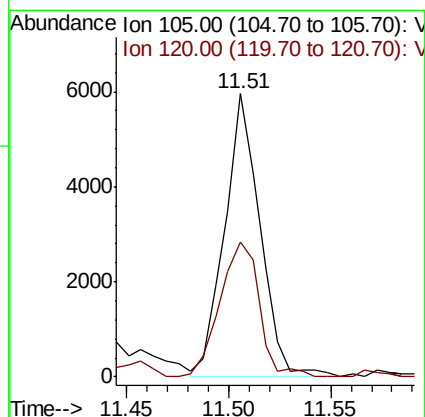
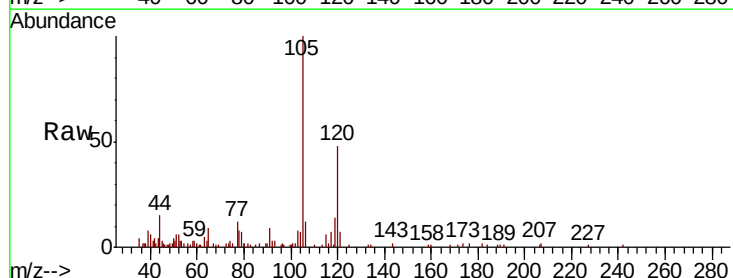
Acq: 19 Dec 2018 23:51

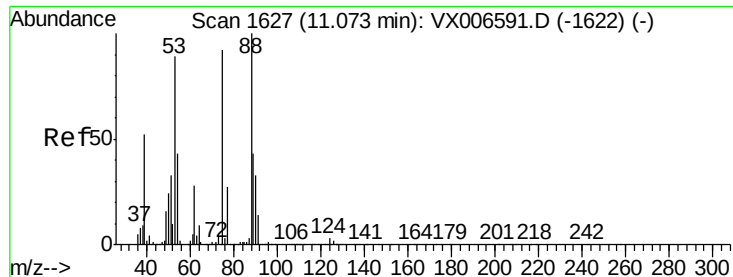
Tgt Ion:105 Resp: 7151

Ion Ratio Lower Upper

105 100

120 52.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 71.582 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

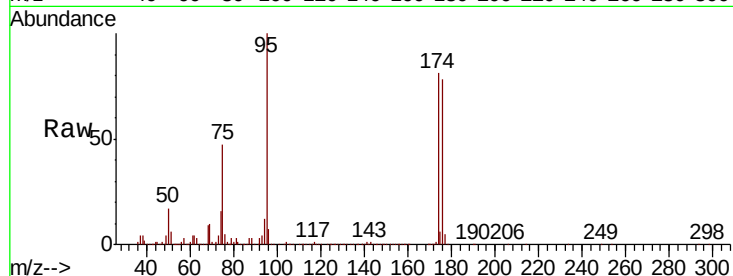
Tot Ion: 75 Resp: 205282

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

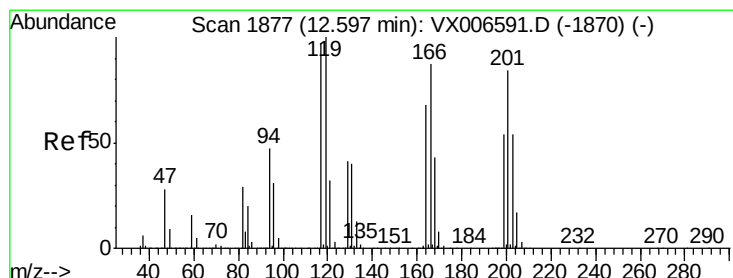
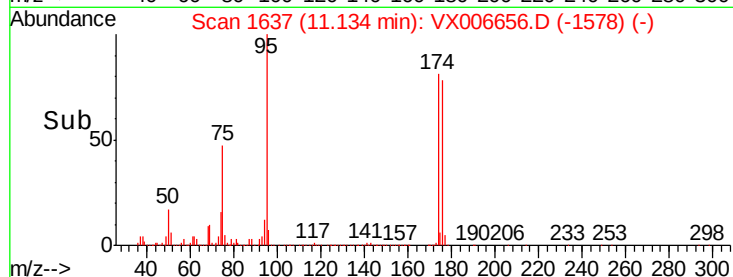
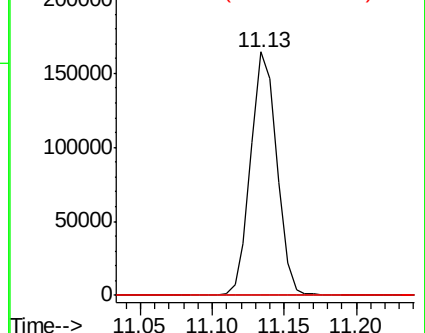
89 0.1 38.0 57.0#



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



#90

Hexachloroethane

Concen: 3.390 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX006656.D

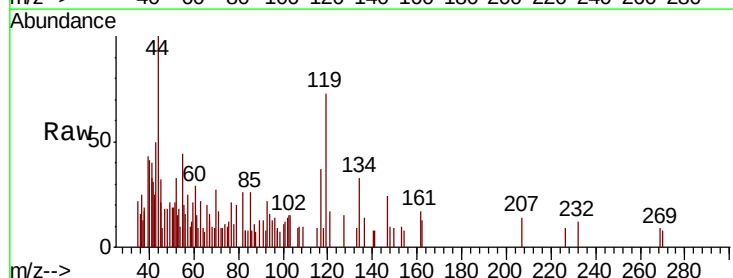
Acq: 19 Dec 2018 23:51

Tgt Ion: 117 Resp: 451

Ion Ratio Lower Upper

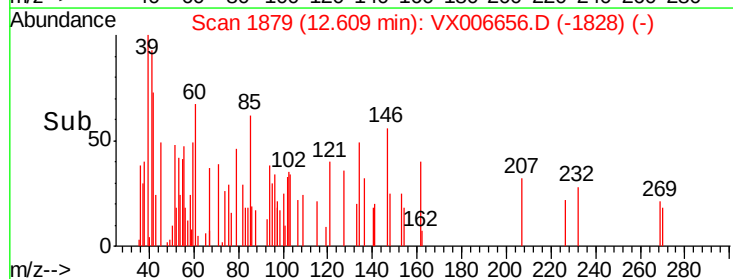
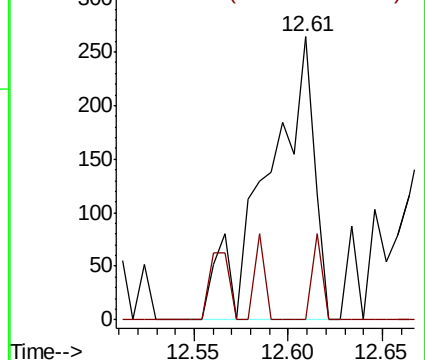
117 100

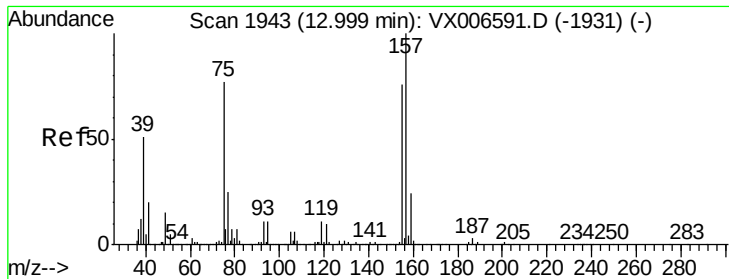
201 6.7 42.9 128.7#



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: 0.230 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

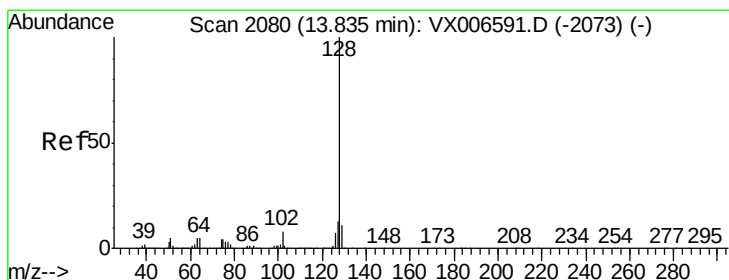
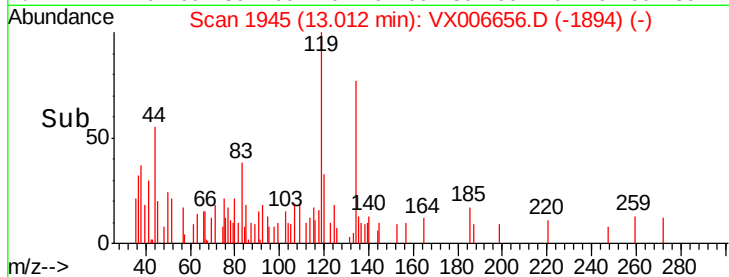
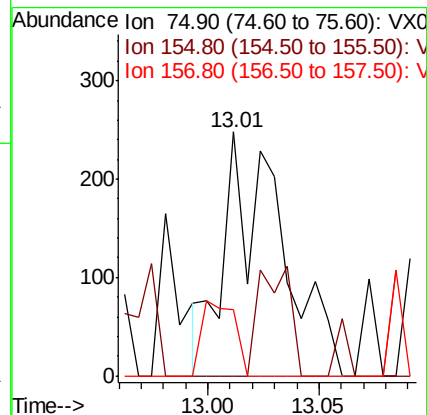
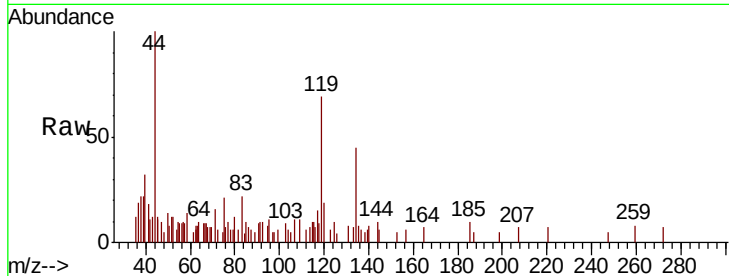
Tot Ion: 75 Resp: 443

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 17.6 64.6 193.8#



#95

Naphthalene

Concen: 2.526 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006656.D

Acq: 19 Dec 2018 23:51

Tgt Ion: 128 Resp: 84731

Ion Ratio Lower Upper

128 100

127 13.5 10.1 15.1

129 10.9 8.6 13.0

