

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006682.D
 Acq On : 20 Dec 2018 18:01
 Operator : JC/MD
 Sample : J6469-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 03:33:18 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	608361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	969844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	458922	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	339157	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
35) Dibromofluoromethane	5.50	113	287478	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
50) Toluene-d8	8.71	98	1183691	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	431294	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	1214	Below Cal	#	16
11) Tert butyl alcohol	3.02	59	4681	3.199	ug/l	99
13) Acrolein	2.29	56	317	0.321	ug/l #	13
16) Acetone	2.45	43	23139	7.681	ug/l	97
18) Methyl Acetate	2.78	43	3273	0.370	ug/l #	81
20) Methylene Chloride	2.86	84	152738	24.521	ug/l	98
25) 2-Butanone	4.70	43	4282	1.011	ug/l #	87
28) Bromochloromethane	5.04	49	67	Below Cal	#	83
29) Tetrahydrofuran	5.16	42	2133	0.764	ug/l	95
31) Cyclohexane	5.67	56	9609	1.059	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	40384	5.028	ug/l #	49
38) Carbon Tetrachloride	5.66	117	58242	7.461	ug/l #	15
43) Isopropyl Acetate	6.46	43	24898	1.957	ug/l #	93
48) Methyl methacrylate	7.68	41	14851	2.296	ug/l #	12
49) 1,4-Dioxane	7.73	88	79	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	144031	17.795	ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	73553	8.614	ug/l #	65
57) 1,3-Dichloropropane	9.54	76	18720	1.802	ug/l #	46
59) 2-Hexanone	9.54	43	230717	37.256	ug/l #	52
60) Dibromochloromethane	9.68	129	112	2.340	ug/l	96
67) Ethyl Benzene	10.25	91	11632	0.367	ug/l	89
68) m/p-Xylenes	10.36	106	27984	2.236	ug/l	98
69) o-Xylene	10.70	106	26512	2.146	ug/l	99
73) Isopropylbenzene	11.02	105	9324	0.297	ug/l	97
74) N-amyl acetate	10.69	43	22918	2.039	ug/l #	54
76) 1,2,3-Trichloropropane	11.13	75	202879	23.788	ug/l #	40
78) n-propylbenzene	11.36	91	53437	1.546	ug/l	99
79) 2-Chlorotoluene	11.43	91	54228	2.588	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	211112	8.164	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	202879	70.498	ug/l #	10
82) 4-Chlorotoluene	11.51	91	23029	0.958	ug/l #	43
83) tert-Butylbenzene	11.80	119	116942	4.518	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.80	105	954042	35.075	ug/l	100
85) sec-Butylbenzene	11.80	105	954042	30.066	ug/l #	55

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

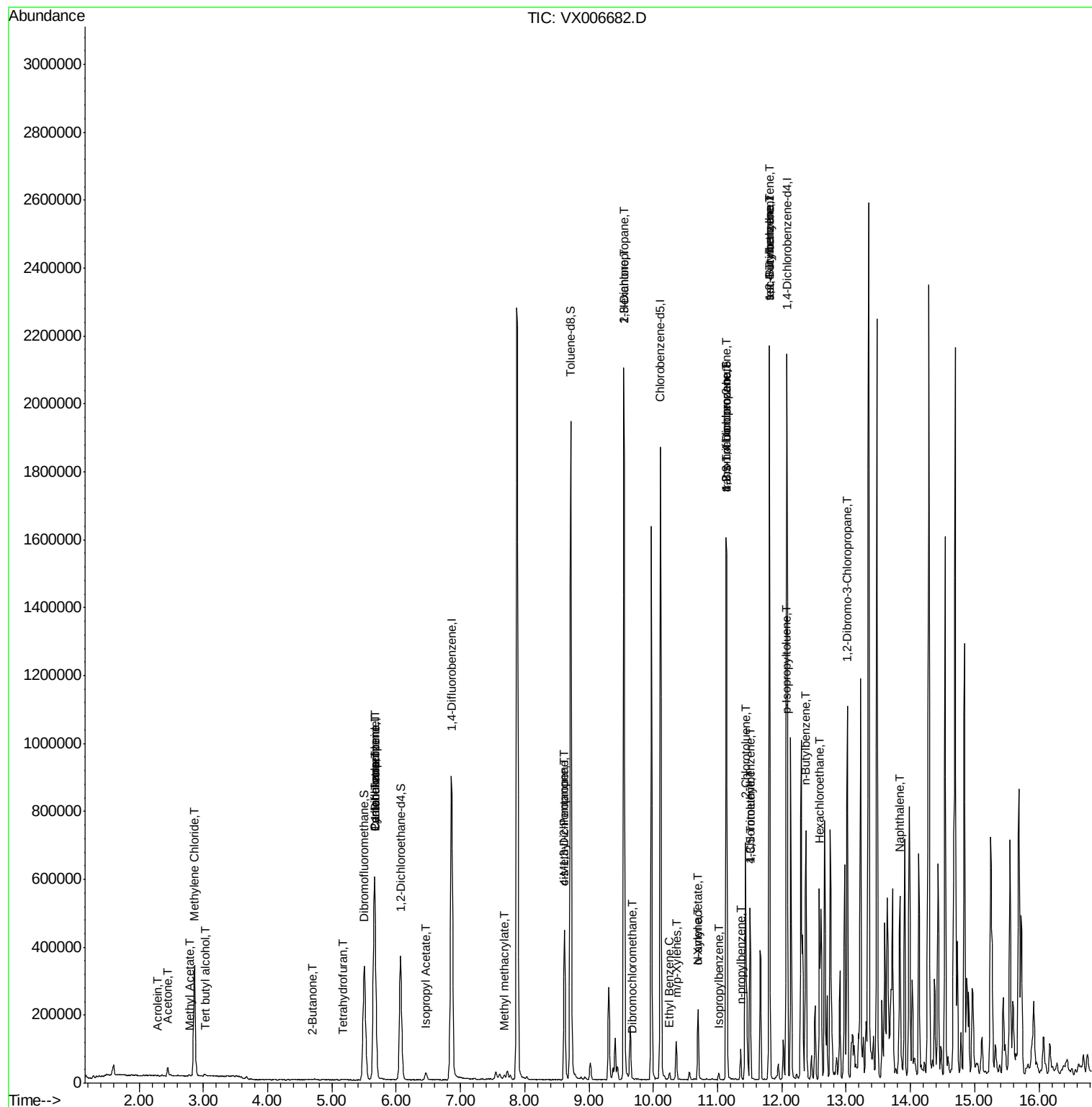
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	18950	0.679	ug/l	92
89) n-Butylbenzene	12.38	91	91892	3.871	ug/l #	9
90) Hexachloroethane	12.58	117	24253	8.483	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	3197	1.655	ug/l #	1
95) Naphthalene	13.83	128	328429	9.748	ug/l	98

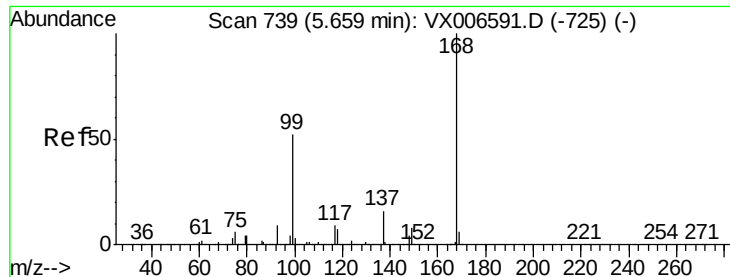
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

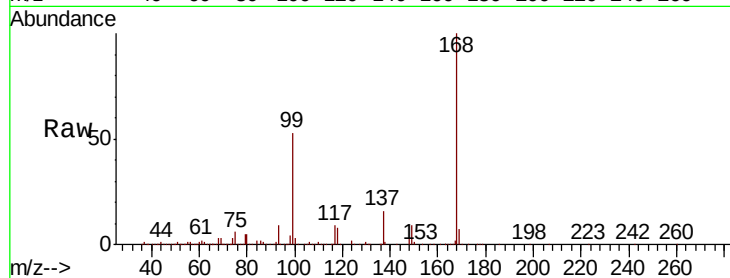
ClientSampleId :

Tot Ion:168 Resp: 608361

Ion Ratio Lower Upper

168 100

99 52.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

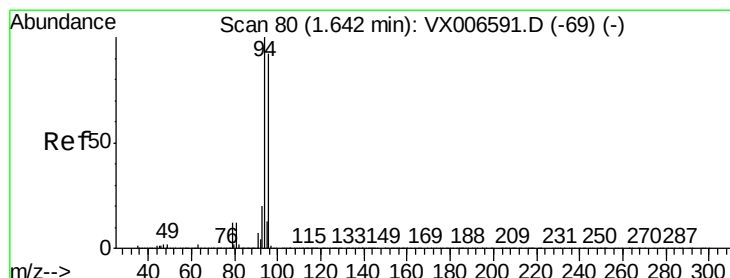
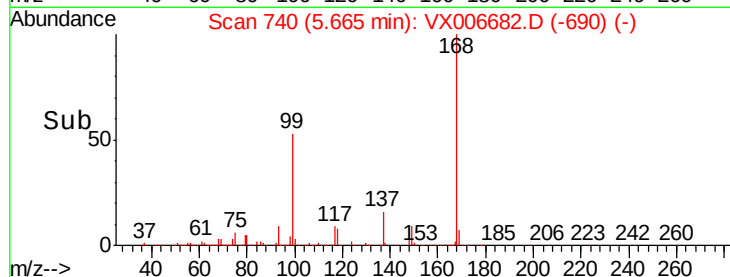
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX006682.D

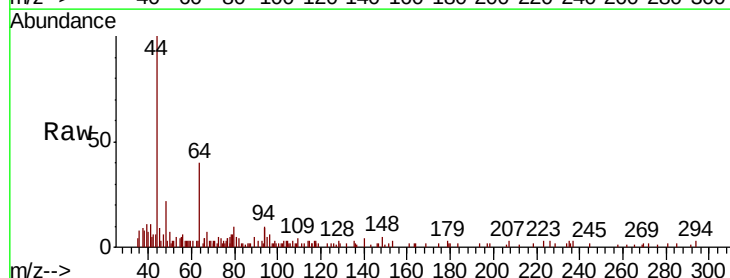
Acq: 20 Dec 2018 18:01

Tgt Ion: 94 Resp: 1214

Ion Ratio Lower Upper

94 100

96 11.9 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

800

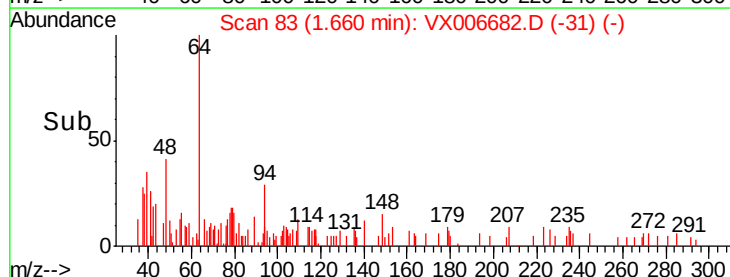
600

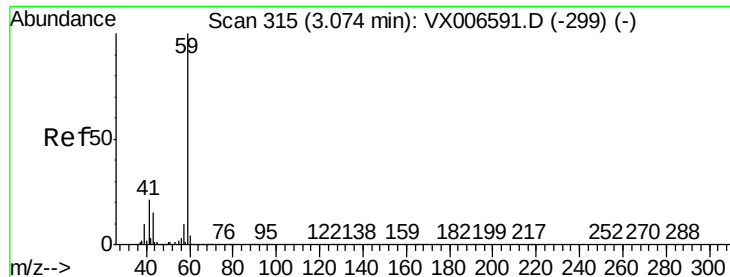
400

200

0

Time-->



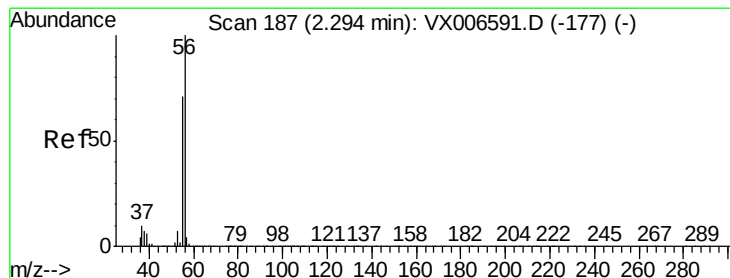
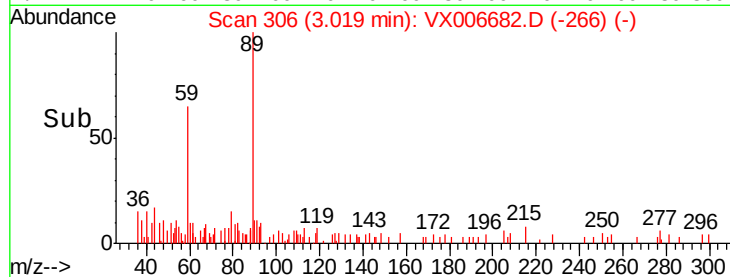
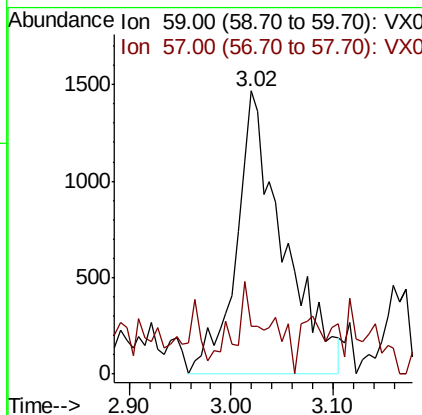
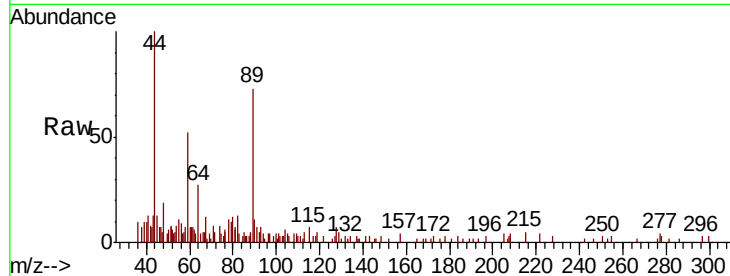


#11

Tert butyl alcohol
Concen: 3.199 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Instrument :
MSVOA_X
ClientSampled :

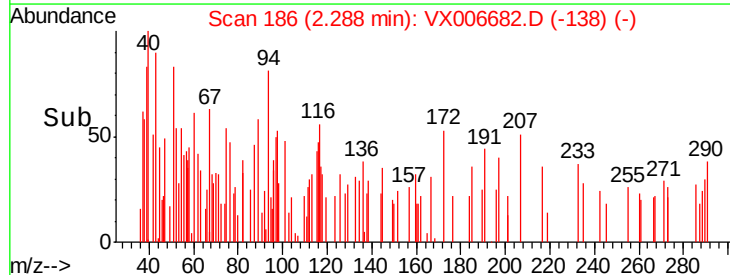
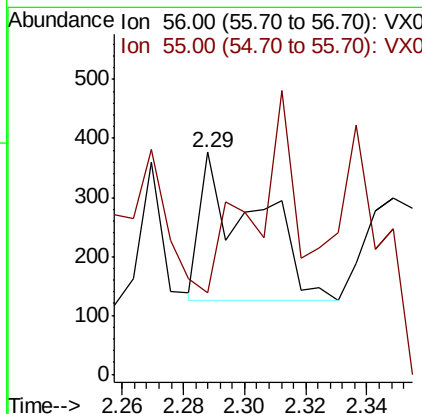
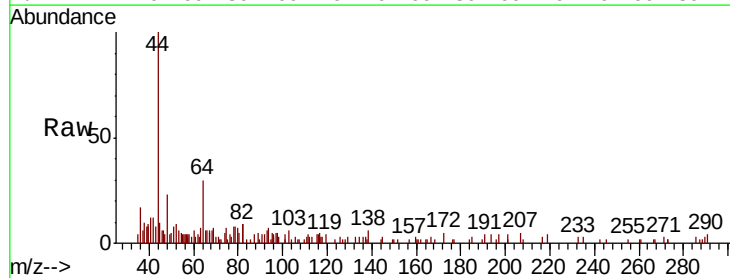
Tot Ion: 59 Resp: 4681
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7

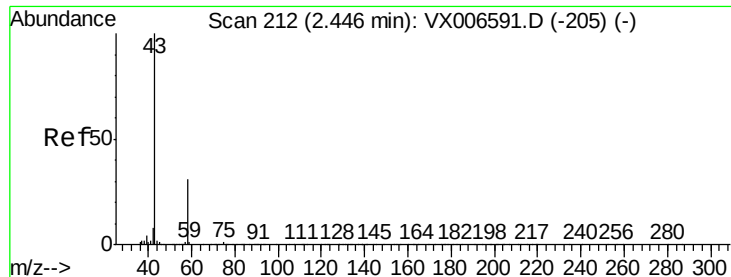


#13

Acrolein
Concen: 0.321 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Tgt Ion: 56 Resp: 317
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#





#16

Acetone

Concen: 7.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

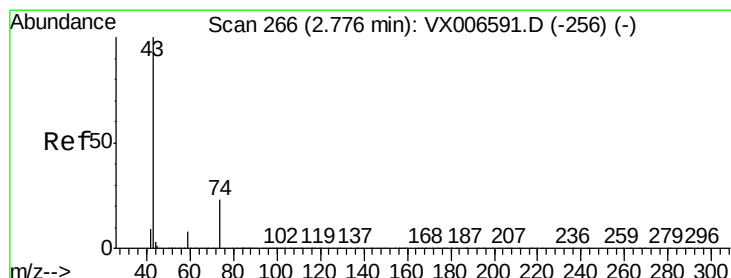
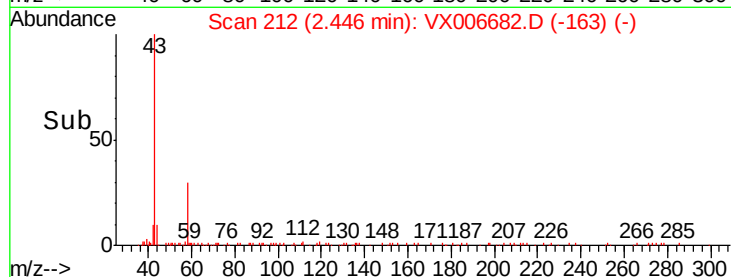
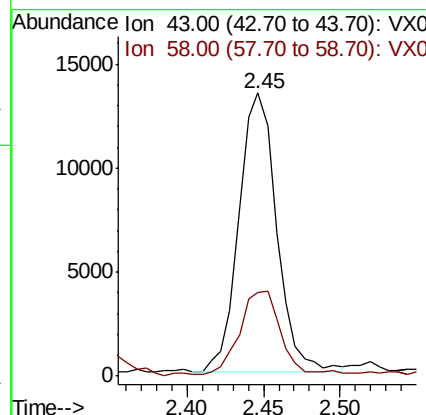
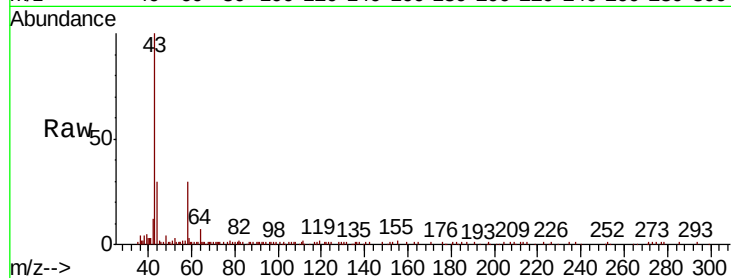
ClientSampled :

Tot Ion: 43 Resp: 23139

Ion Ratio Lower Upper

43 100

58 29.4 25.0 37.6



#18

Methyl Acetate

Concen: 0.370 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006682.D

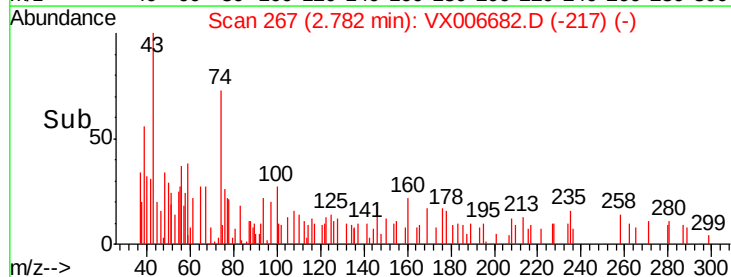
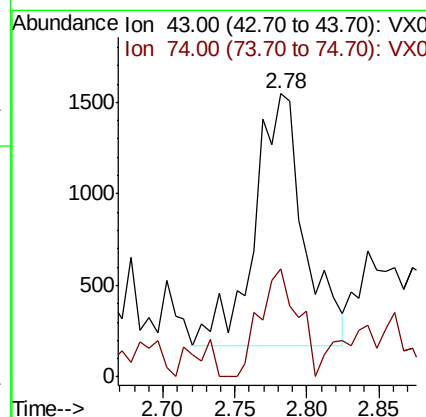
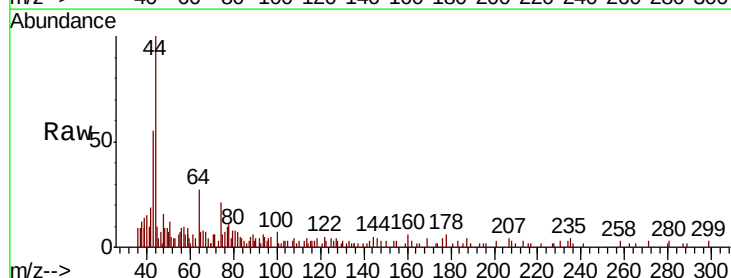
Acq: 20 Dec 2018 18:01

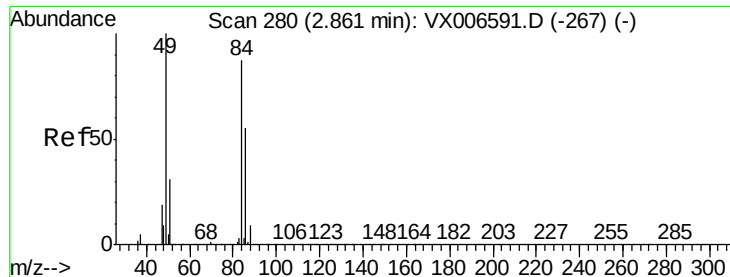
Tgt Ion: 43 Resp: 3273

Ion Ratio Lower Upper

43 100

74 32.6 18.6 28.0#





#20

Methylene Chloride

Concen: 24.521 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 84 Resp: 152738

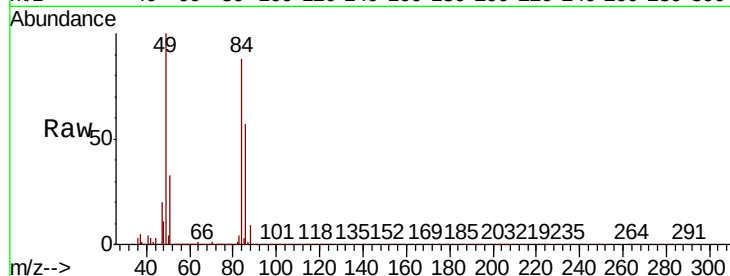
Ion Ratio Lower Upper

84 100

49 113.7 91.8 137.6

51 37.3 28.5 42.7

86 65.0 50.2 75.2



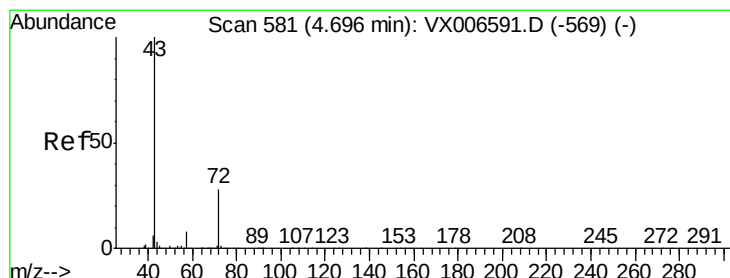
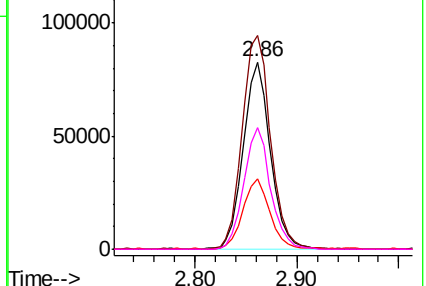
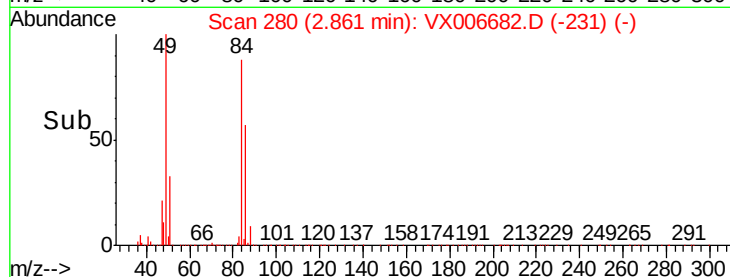
Abundance

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



#25

2-Butanone

Concen: 1.011 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006682.D

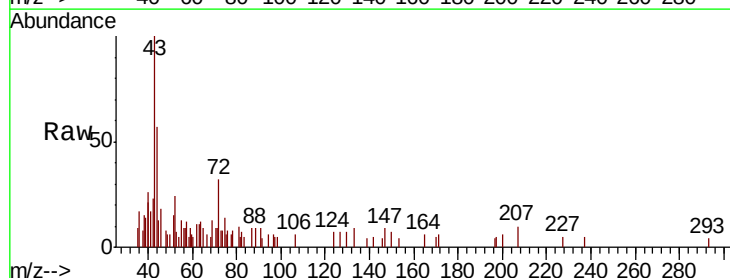
Acq: 20 Dec 2018 18:01

Tgt Ion: 43 Resp: 4282

Ion Ratio Lower Upper

43 100

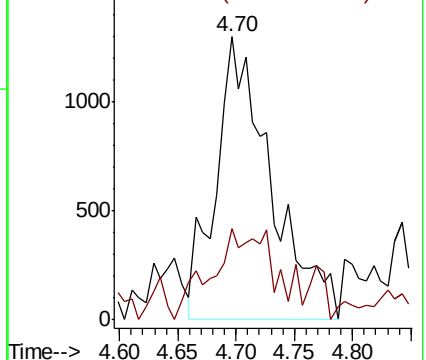
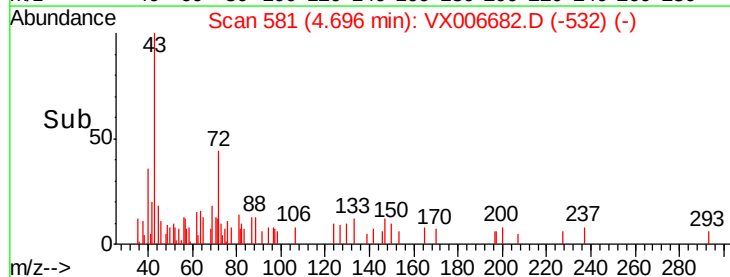
72 35.1 22.4 33.6#

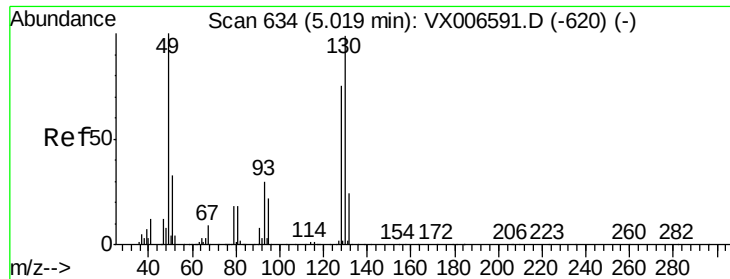


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 638

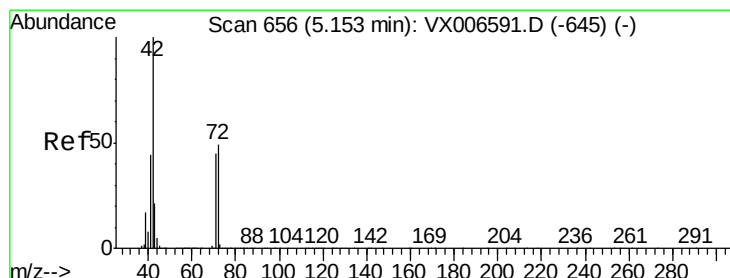
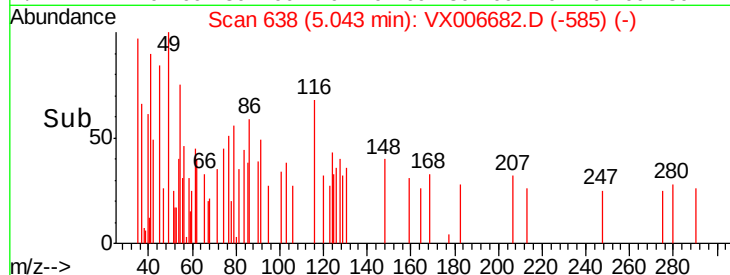
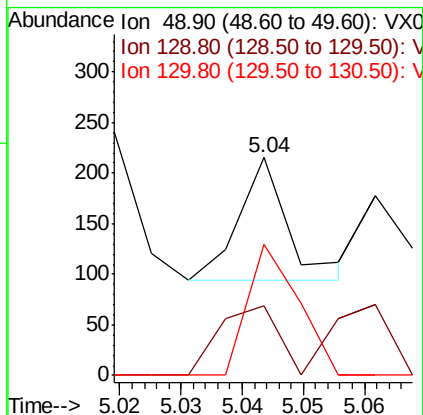
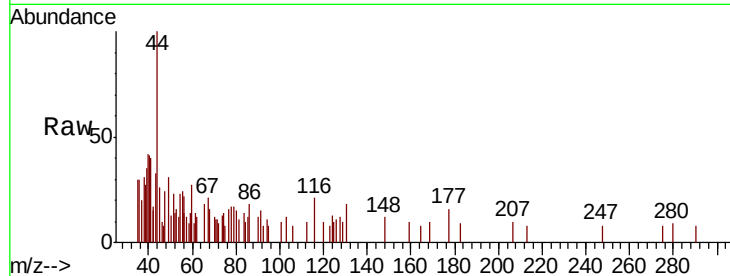
Delta R.T. 0.02 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 49 Resp: 67
Ion Ratio Lower Upper
49 100
129 68.7 0.0 5.4#
130 109.0 77.7 116.5



#29

Tetrahydrofuran

Concen: 0.764 ug/l

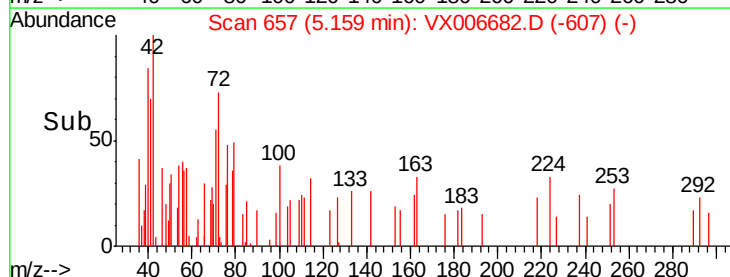
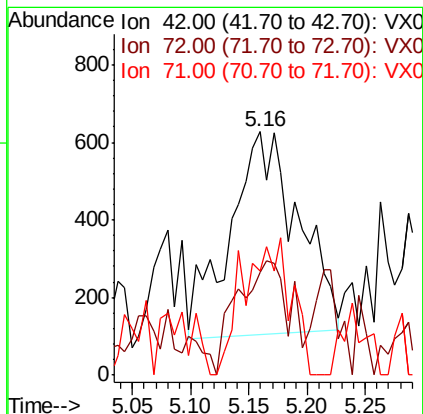
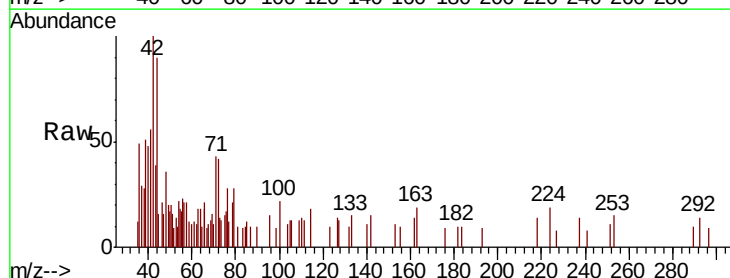
RT: 5.16 min Scan# 657

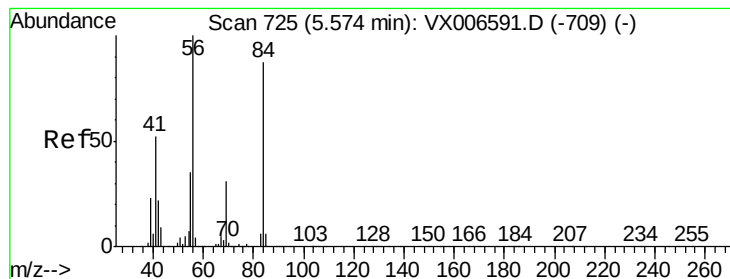
Delta R.T. 0.01 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Tgt Ion: 42 Resp: 2133
Ion Ratio Lower Upper
42 100
72 42.9 38.9 58.3
71 46.5 36.2 54.4





#31

Cyclohexane

Concen: 1.059 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

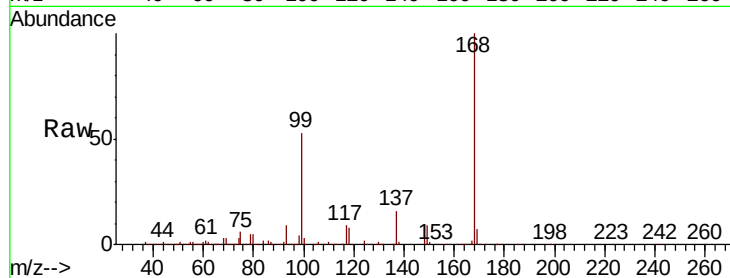
Tot Ion: 56 Resp: 9609

Ion Ratio Lower Upper

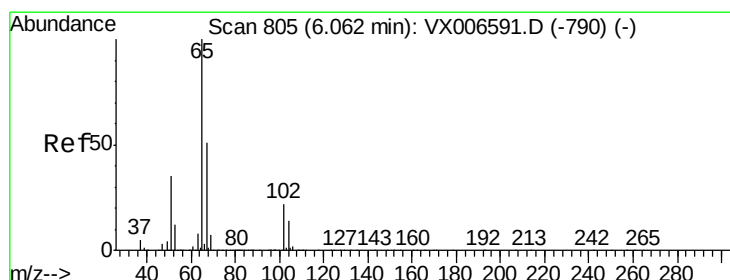
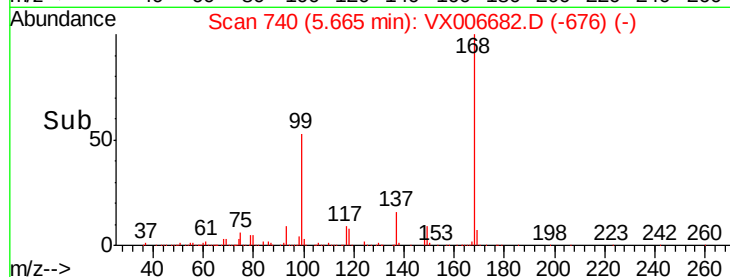
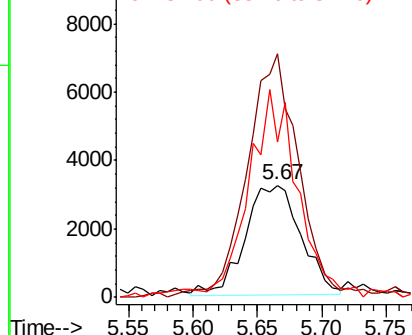
56 100

69 219.8 24.4 36.6#

84 134.6 70.0 105.0#



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: 51.727 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006682.D

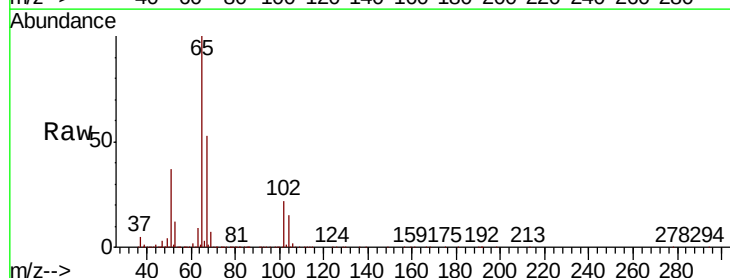
Acq: 20 Dec 2018 18:01

Tgt Ion: 65 Resp: 339157

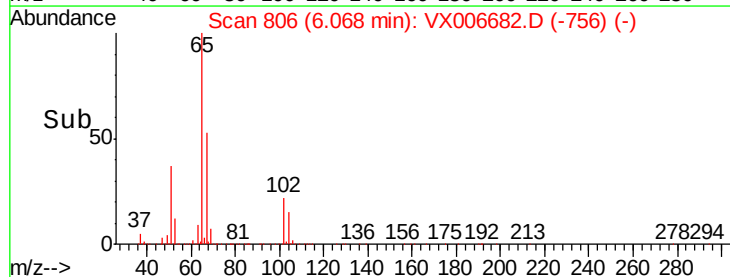
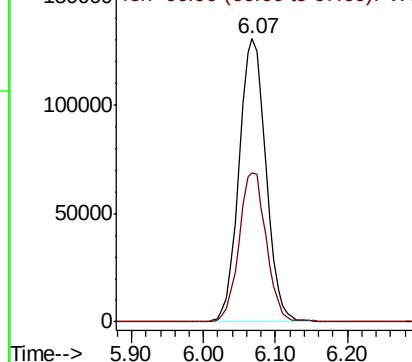
Ion Ratio Lower Upper

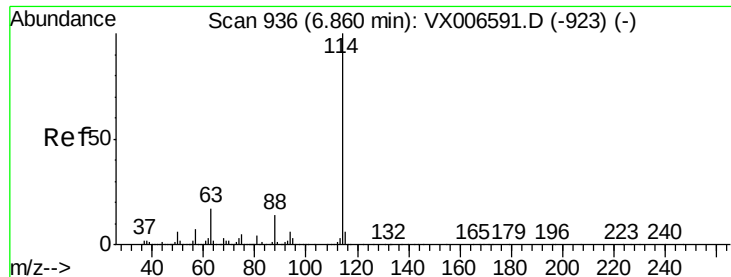
65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

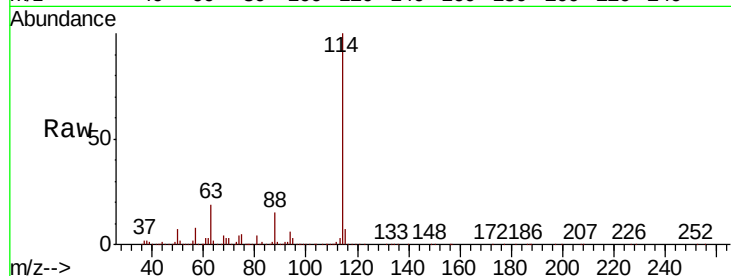




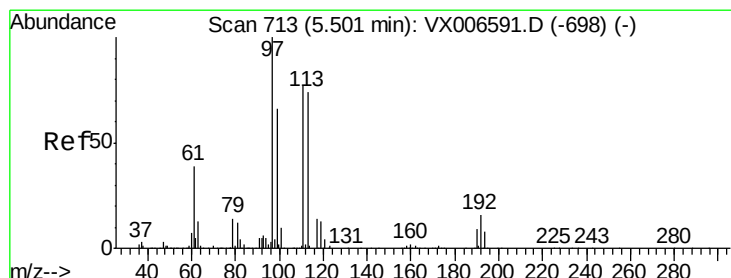
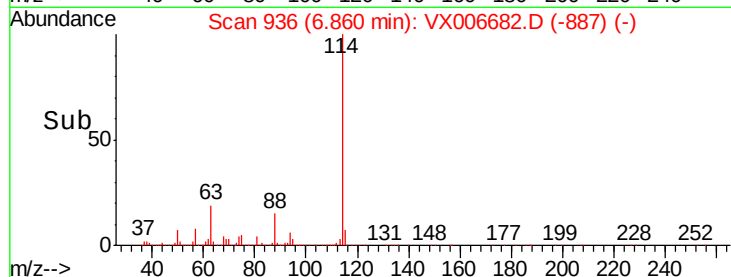
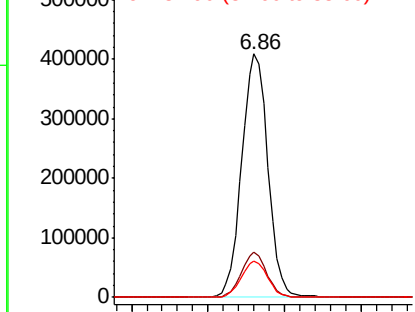
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.8
88	14.8	0.0	28.8

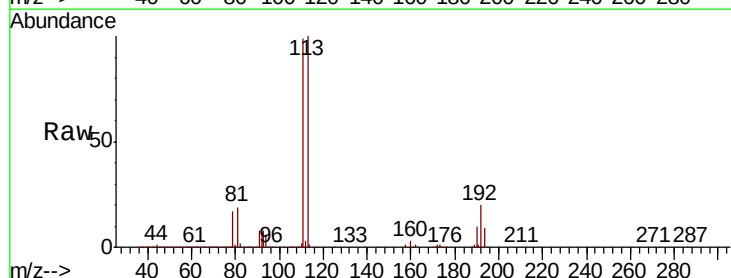


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

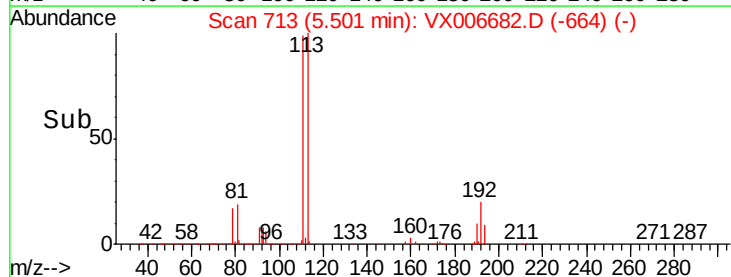
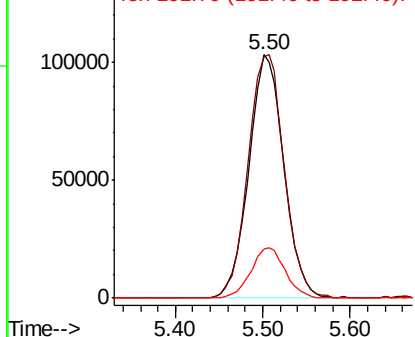


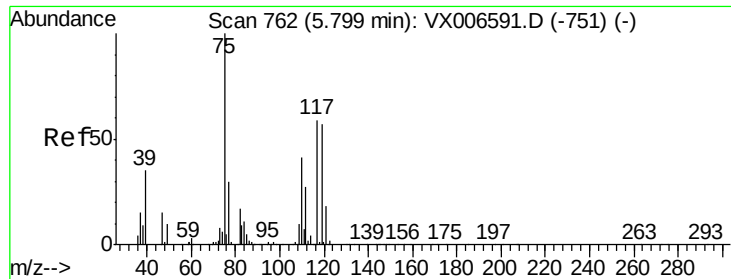
#35
Dibromofluoromethane
Concen: 46.873 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.5	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

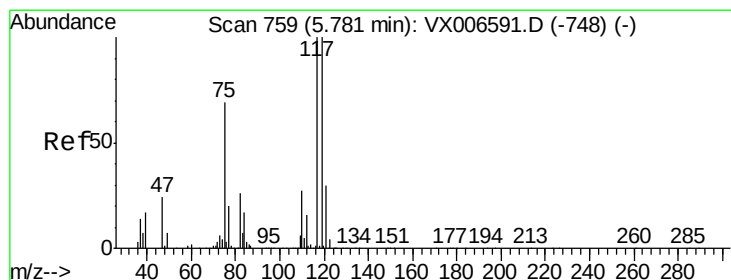
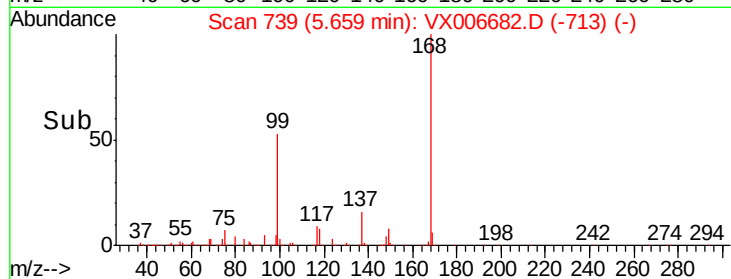
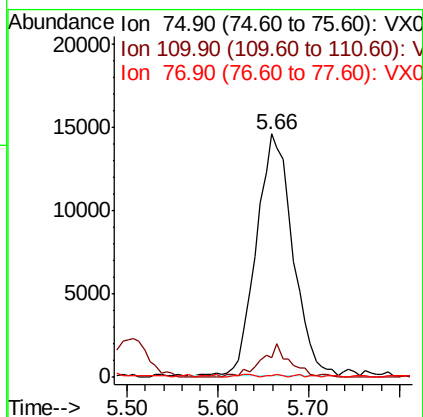
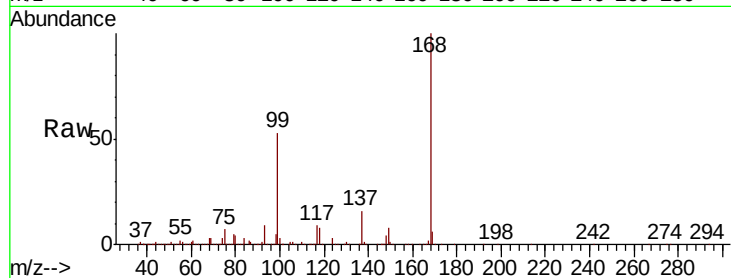




#36
 1,1-Dichloropropene
 Concen: 5.028 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006682.D
 Acq: 20 Dec 2018 18:01

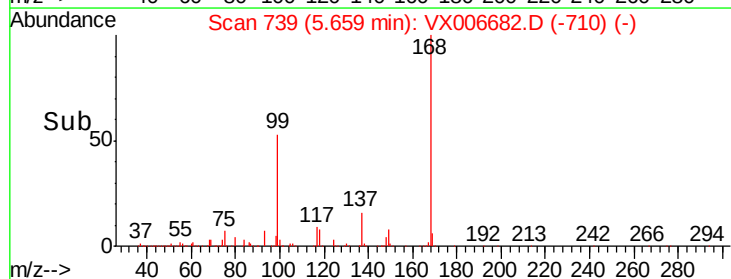
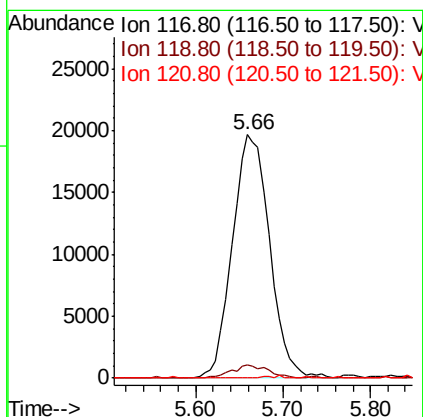
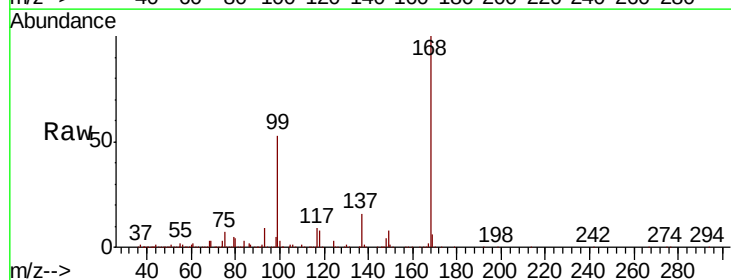
Instrument :
 MSVOA_X
 ClientSampleId :

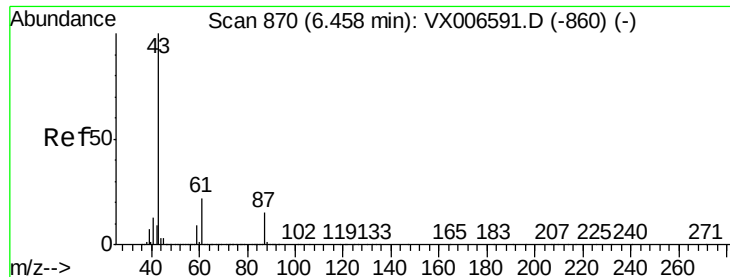
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.2	60.5#
77	0.4	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.461 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006682.D
 Acq: 20 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	79.4	119.2#
121	0.0	24.0	36.0#





#43

Isopropyl Acetate

Concen: 1.957 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

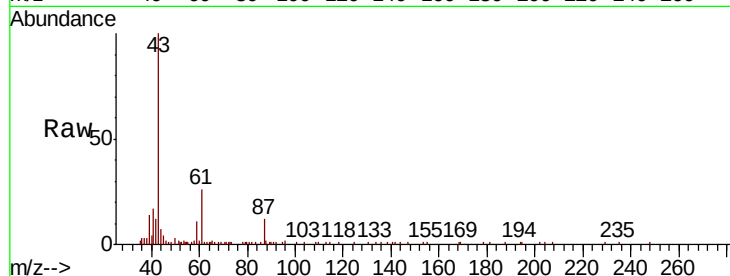
Tot Ion: 43 Resp: 24898

Ion Ratio Lower Upper

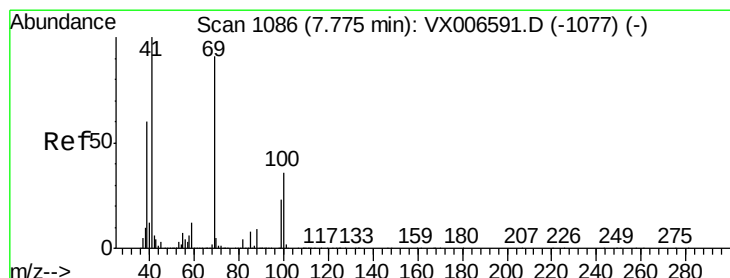
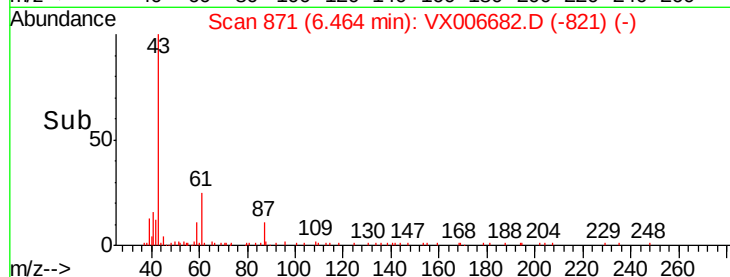
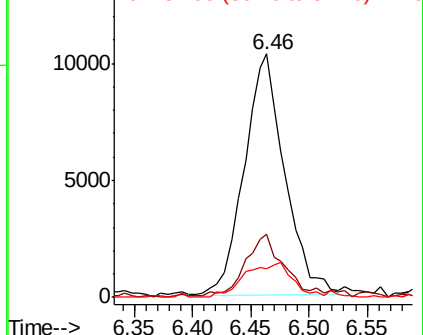
43 100

61 25.4 16.8 25.2#

87 17.0 12.4 18.6



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

Methyl methacrylate

Concen: 2.296 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

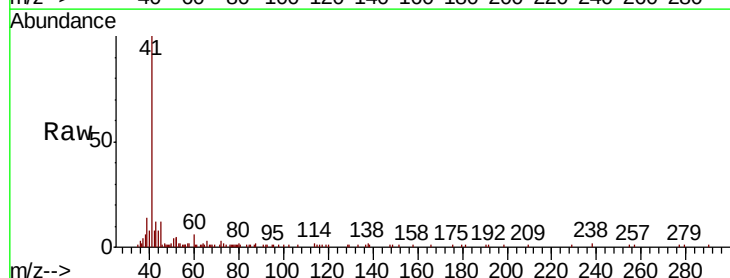
Tgt Ion: 41 Resp: 14851

Ion Ratio Lower Upper

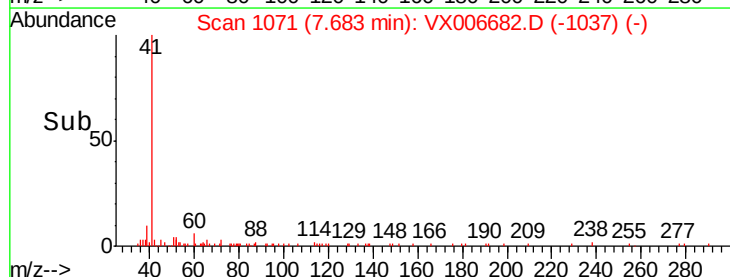
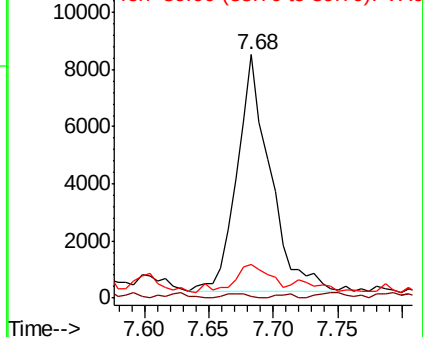
41 100

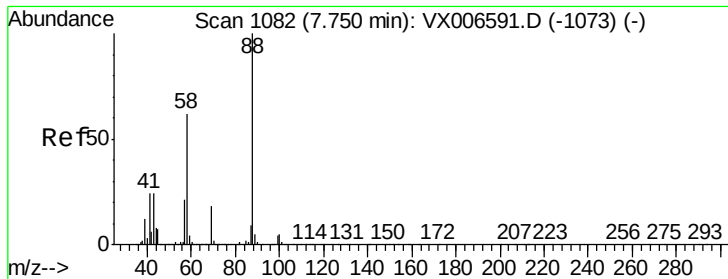
69 1.4 72.4 108.6#

39 0.0 45.8 68.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.73 min Scan# 1079

Delta R.T. -0.02 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

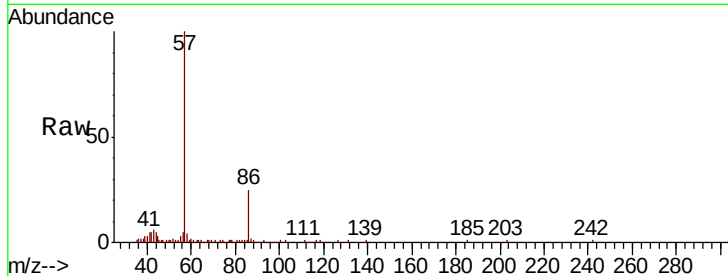
Tot Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

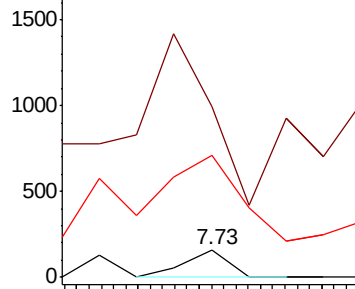
58 1572.2 51.0 76.4#



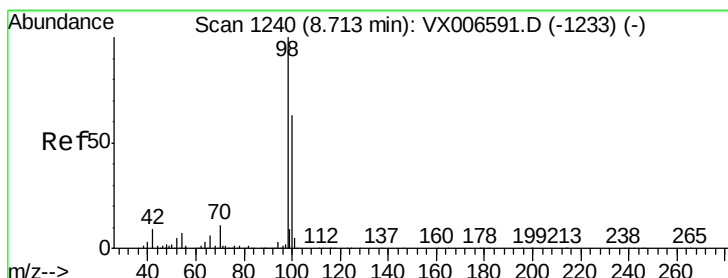
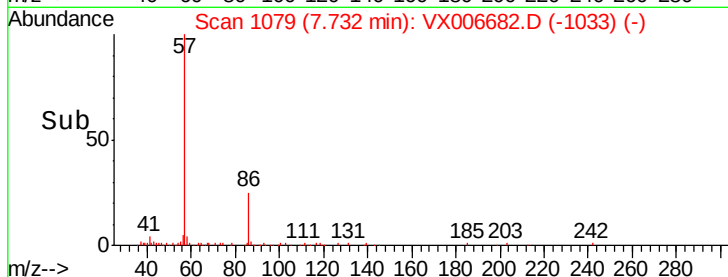
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 51.193 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006682.D

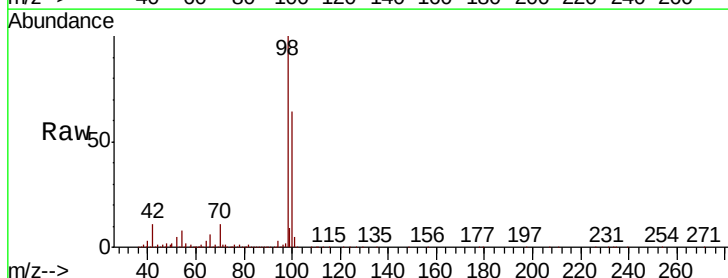
Acq: 20 Dec 2018 18:01

Tgt Ion: 98 Resp: 1183691

Ion Ratio Lower Upper

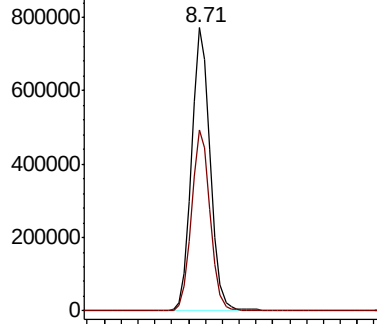
98 100

100 63.7 52.0 78.0

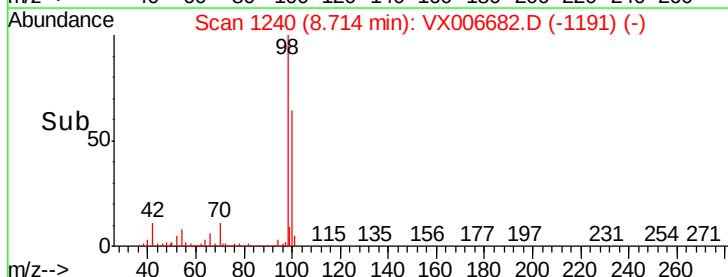


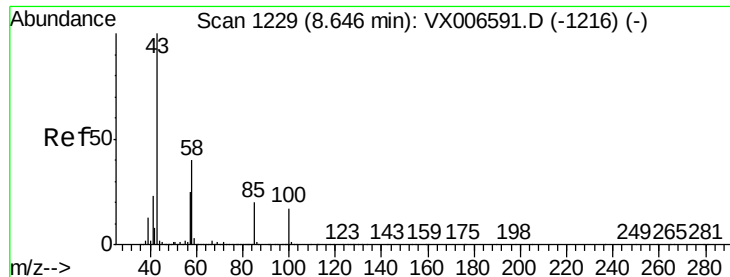
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 17.795 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

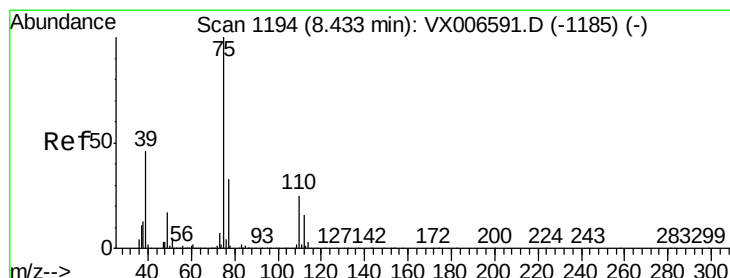
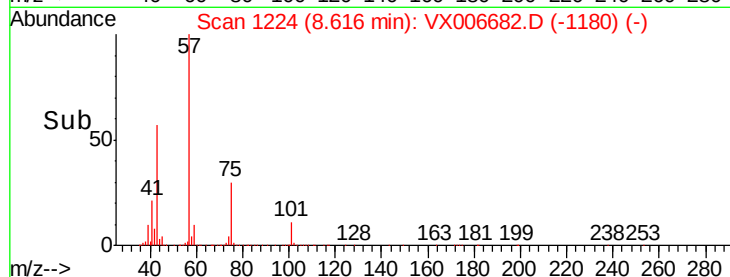
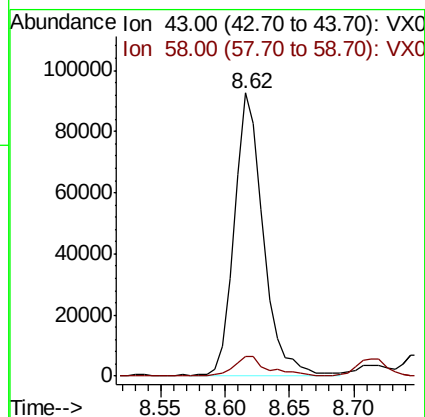
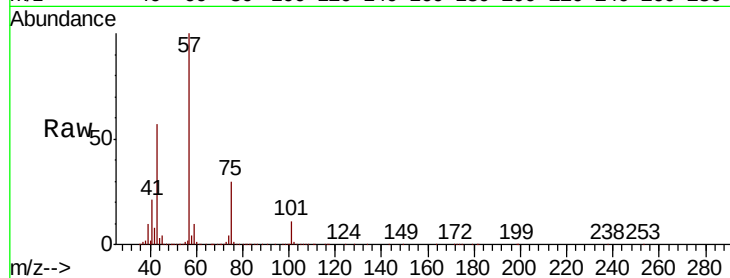
ClientSampled :

Tot Ion: 43 Resp: 144031

Ion Ratio Lower Upper

43 100

58 8.4 31.8 47.6#



#54

cis-1,3-Dichloropropene

Concen: 8.614 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

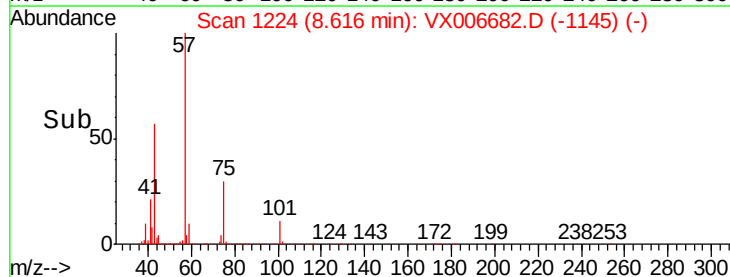
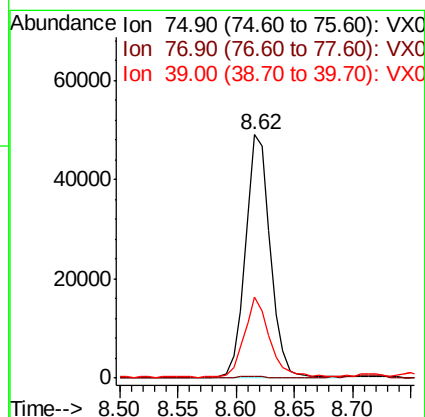
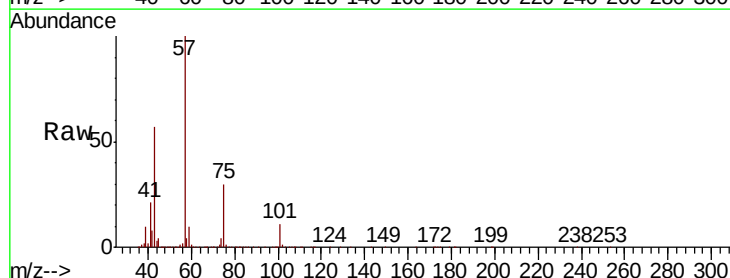
Tgt Ion: 75 Resp: 73553

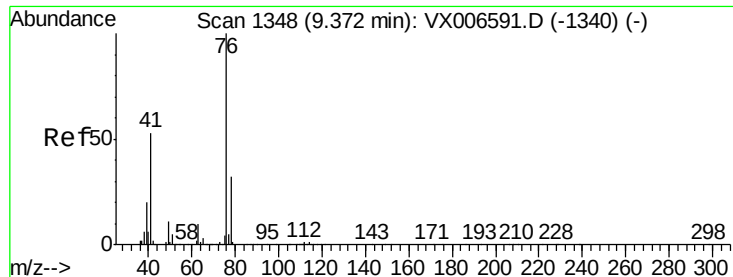
Ion Ratio Lower Upper

75 100

77 0.3 26.2 39.2#

39 32.9 36.7 55.1#





#57

1,3-Dichloropropane

Concen: 1.802 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

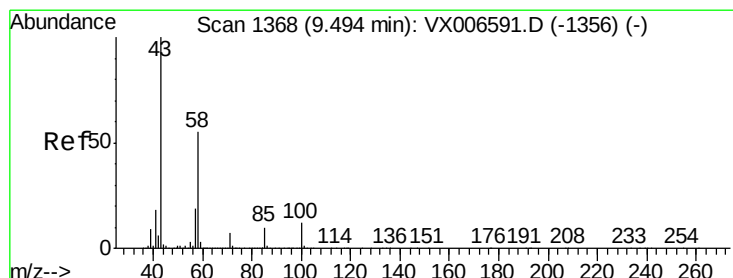
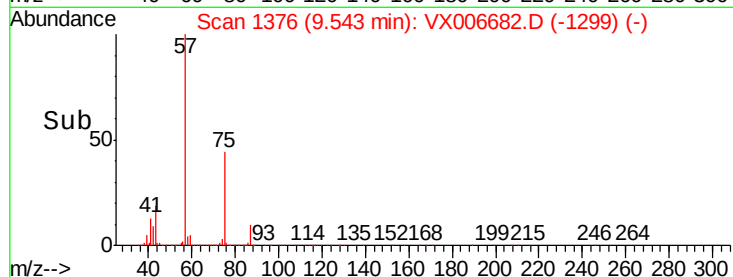
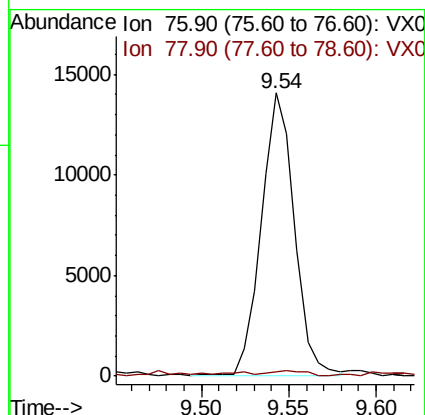
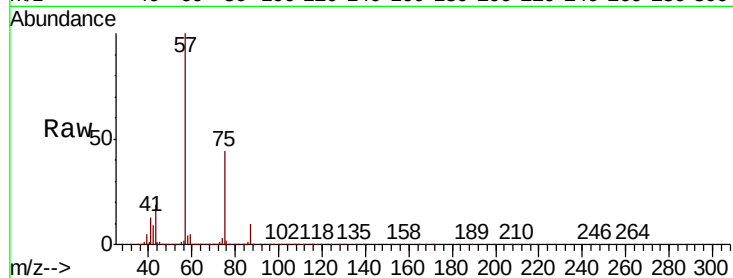
ClientSampleId :

Tot Ion: 76 Resp: 18720

Ion Ratio Lower Upper

76 100

78 2.1 26.0 39.0#



#59

2-Hexanone

Concen: 37.256 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006682.D

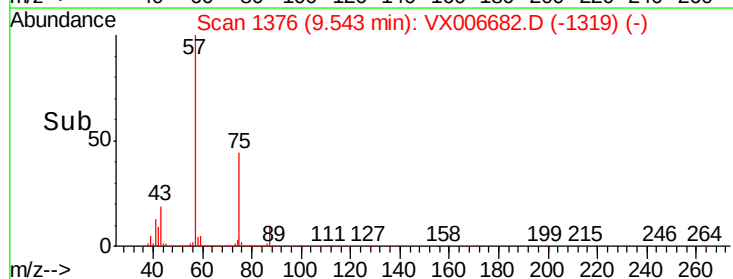
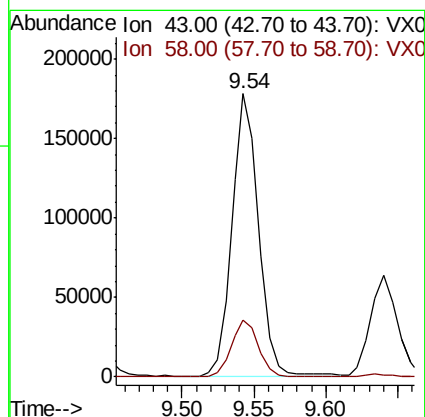
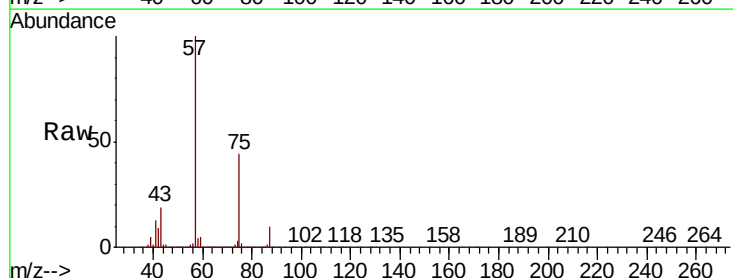
Acq: 20 Dec 2018 18:01

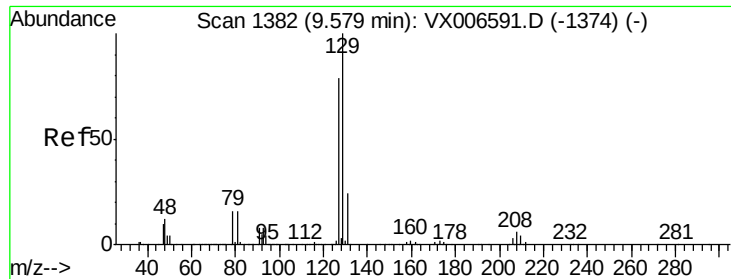
Tgt Ion: 43 Resp: 230717

Ion Ratio Lower Upper

43 100

58 20.5 27.7 83.1#

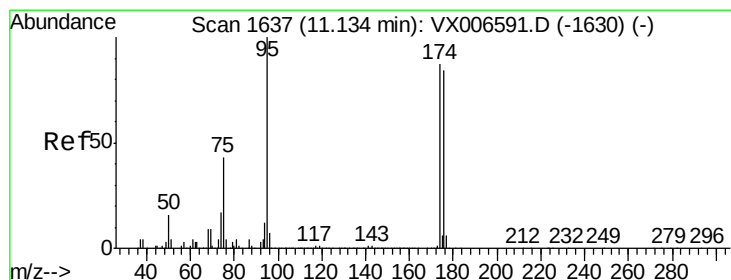
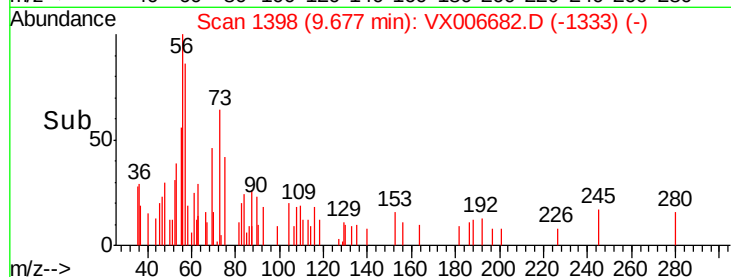
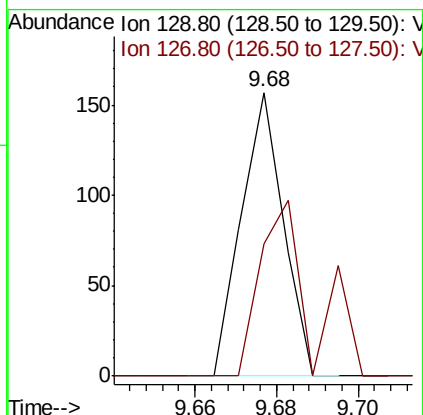
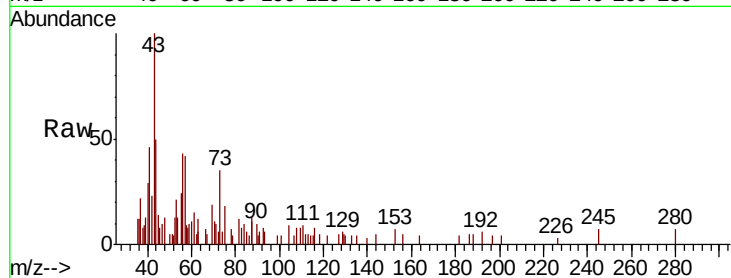




#60
 Dibromochloromethane
 Concen: 2.340 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.10 min
 Lab File: VX006682.D
 Acq: 20 Dec 2018 18:01

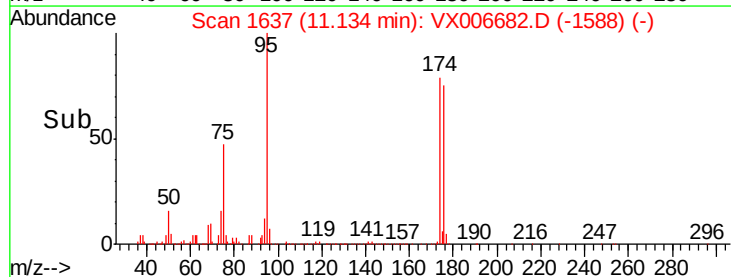
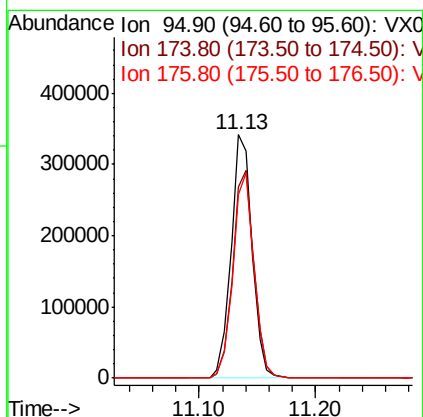
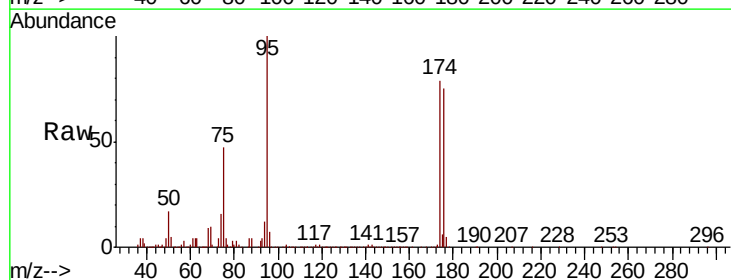
Instrument :
 MSVOA_X
 ClientSampleId :

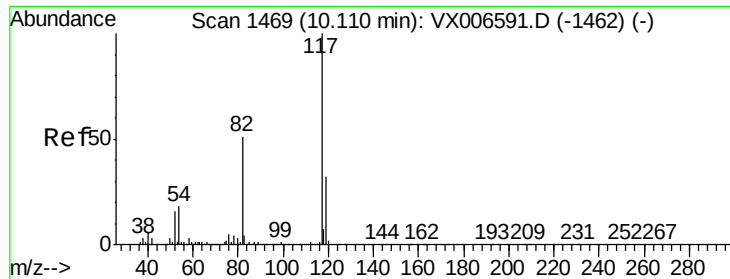
Tot Ion:129 Resp: 112
 Ion Ratio Lower Upper
 129 100
 127 75.0 39.3 117.8



#62
 4-Bromofluorobenzene
 Concen: 50.931 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX006682.D
 Acq: 20 Dec 2018 18:01

Tgt Ion: 95 Resp: 431294
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 182.2
 176 84.1 0.0 178.8

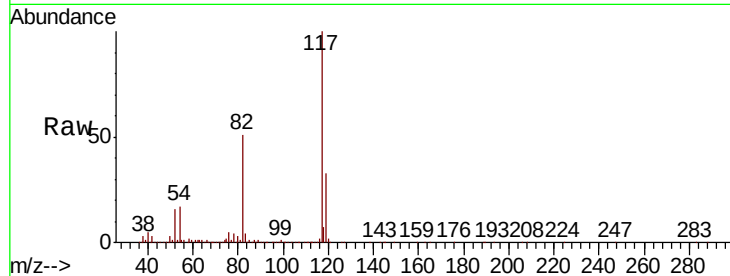




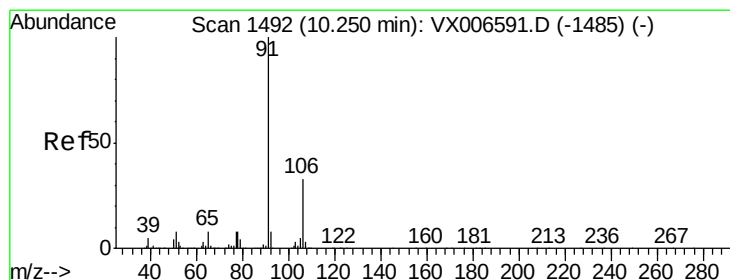
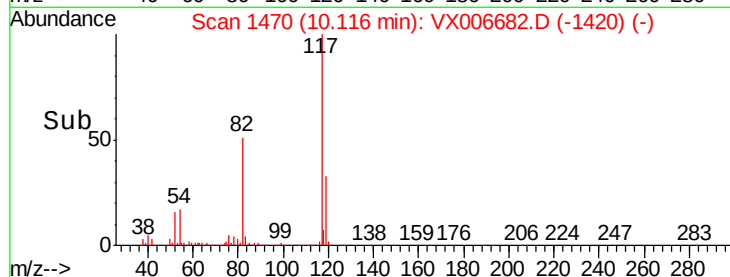
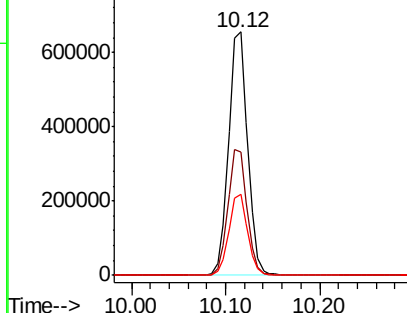
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 917277
Ion Ratio Lower Upper
117 100
82 50.7 41.0 61.6
119 33.2 25.4 38.0

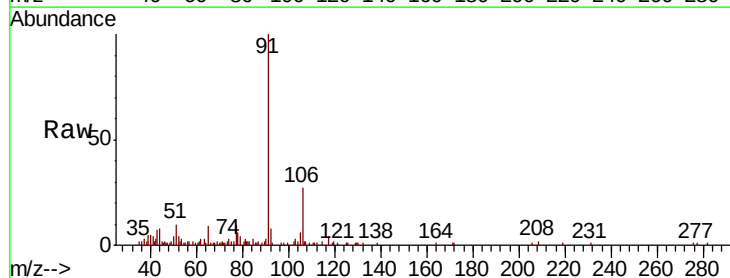


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

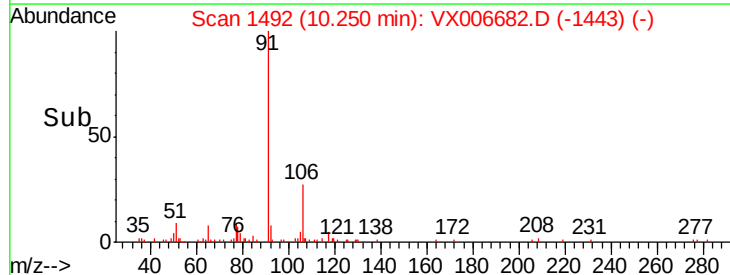
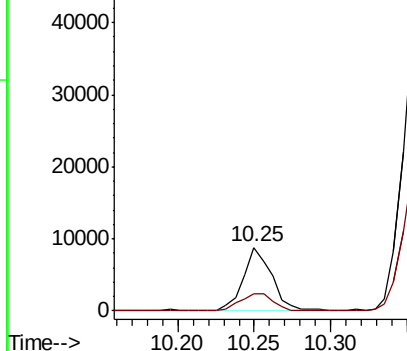


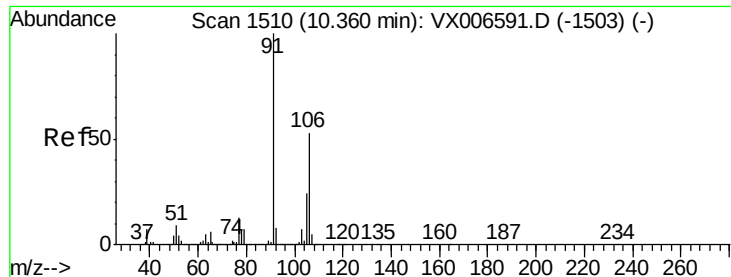
#67
Ethyl Benzene
Concen: 0.367 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Tgt Ion: 91 Resp: 11632
Ion Ratio Lower Upper
91 100
106 26.7 26.4 39.6



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

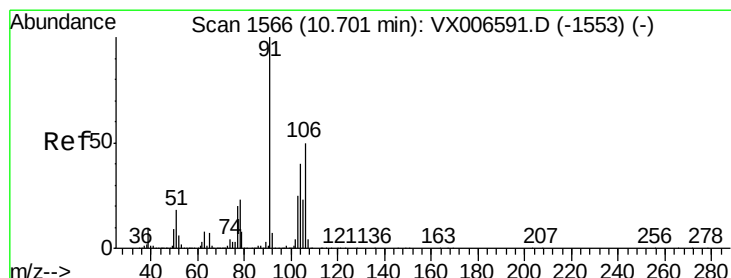
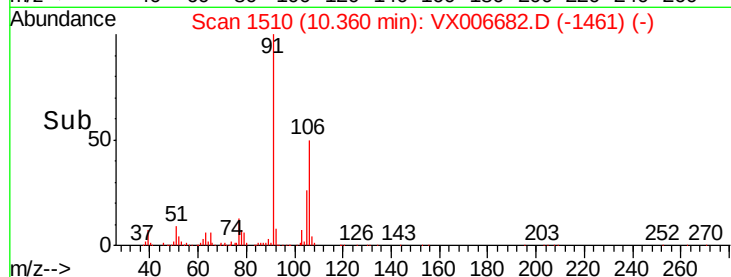
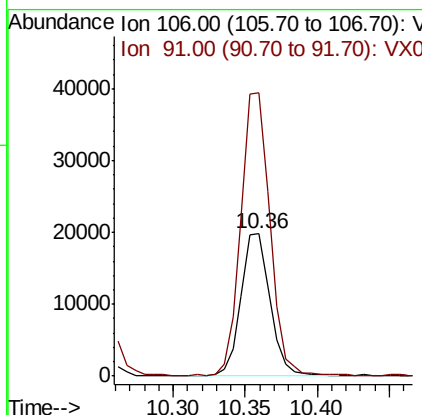
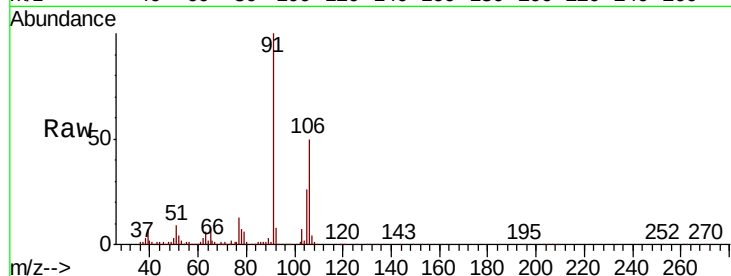




#68
m/p-Xylenes
Concen: 2.236 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

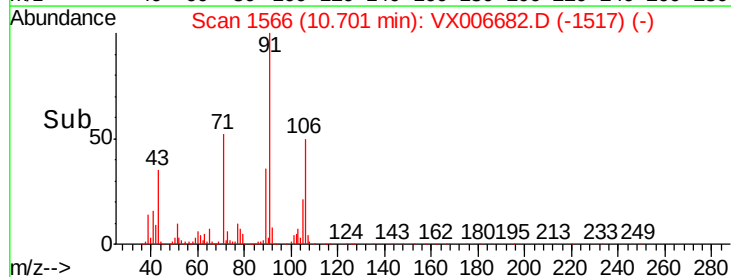
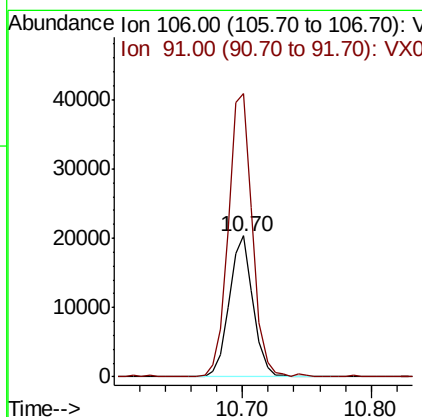
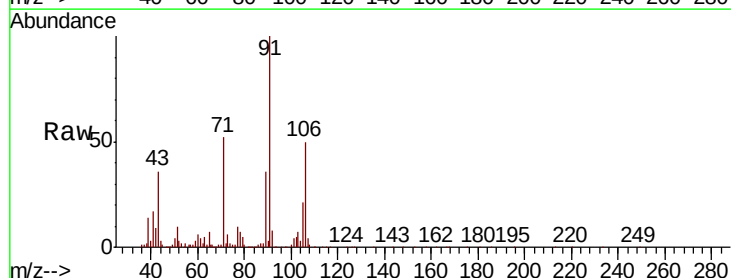
Instrument :
MSVOA_X
ClientSampleId :

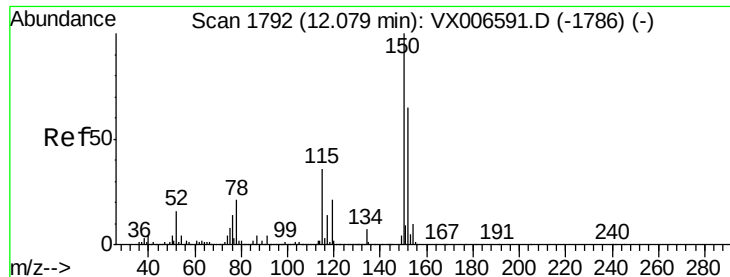
Tot Ion:106 Resp: 27984
Ion Ratio Lower Upper
106 100
91 197.8 155.8 233.6



#69
o-Xylene
Concen: 2.146 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Tgt Ion:106 Resp: 26512
Ion Ratio Lower Upper
106 100
91 201.5 101.3 303.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

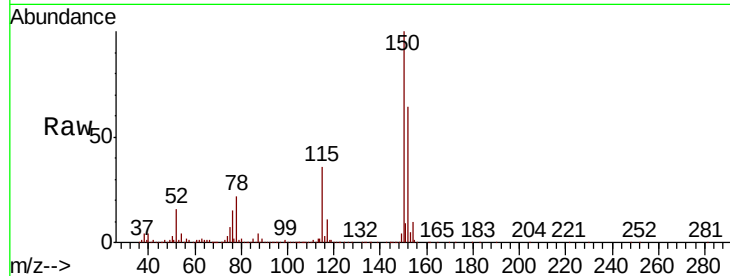
Tot Ion:152 Resp: 458922

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.2

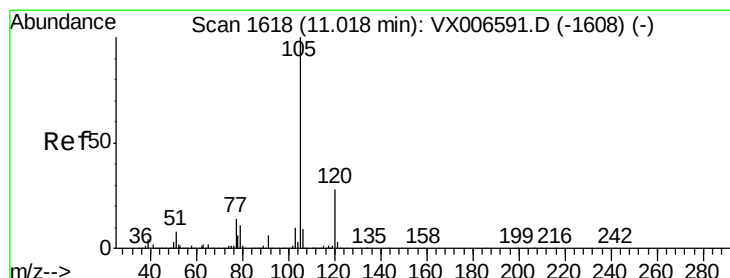
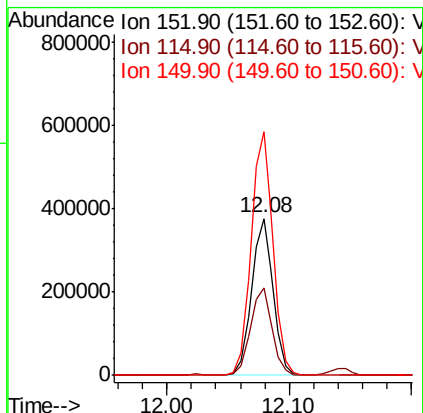
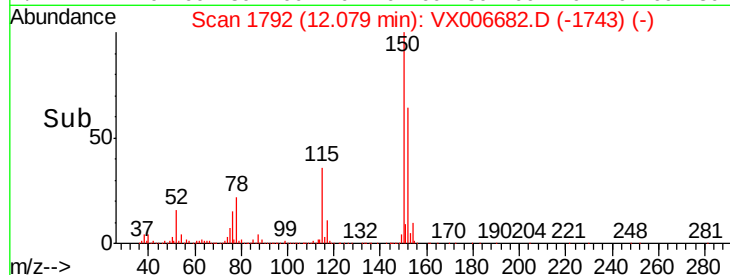
150 158.3 0.0 344.8



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



#73

Isopropylbenzene

Concen: 0.297 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006682.D

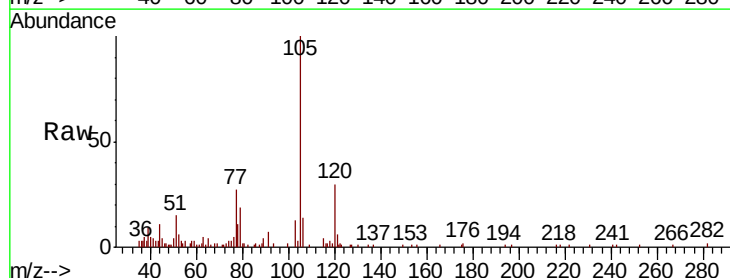
Acq: 20 Dec 2018 18:01

Tgt Ion:105 Resp: 9324

Ion Ratio Lower Upper

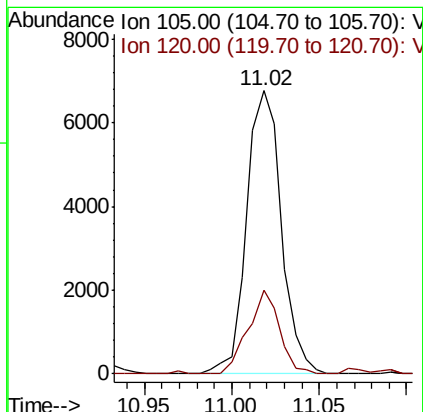
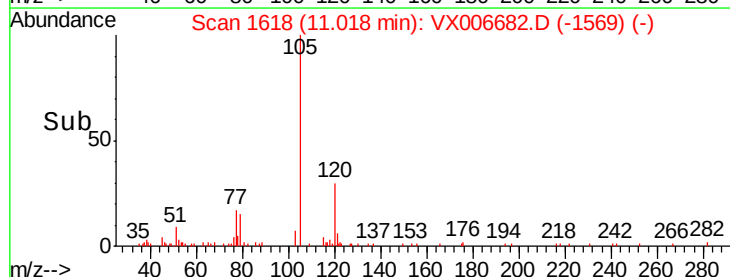
105 100

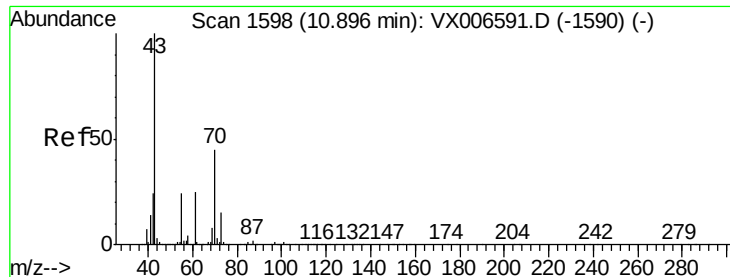
120 26.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.039 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 22918

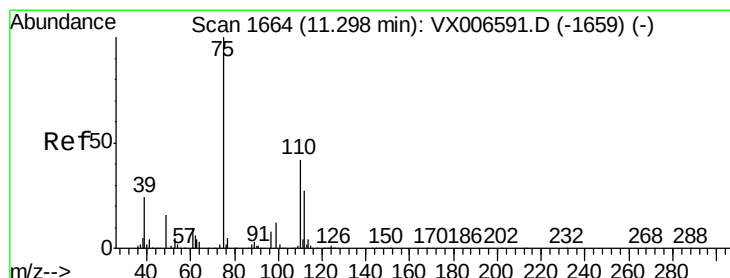
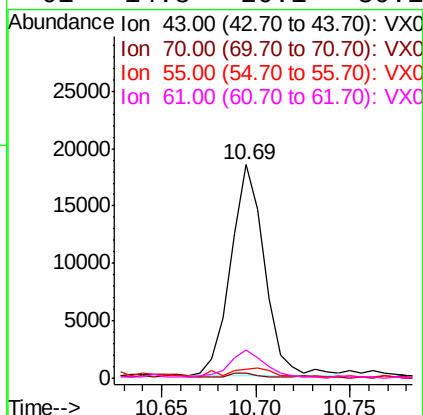
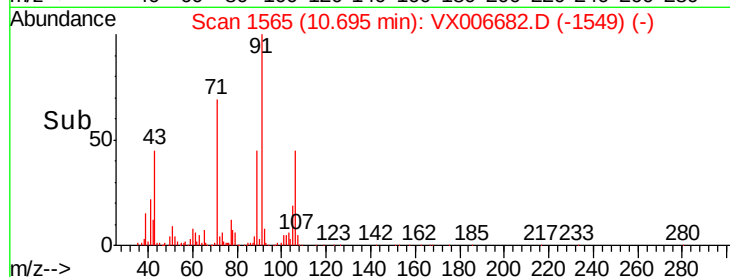
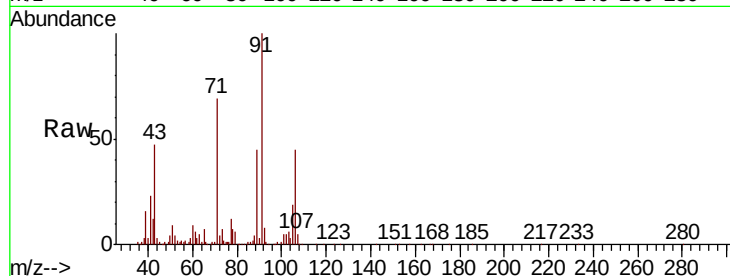
Ion Ratio Lower Upper

43 100

70 2.7 35.8 53.8#

55 5.3 19.4 29.0#

61 14.8 20.1 30.1#



#76

1,2,3-Trichloropropane

Concen: 23.788 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006682.D

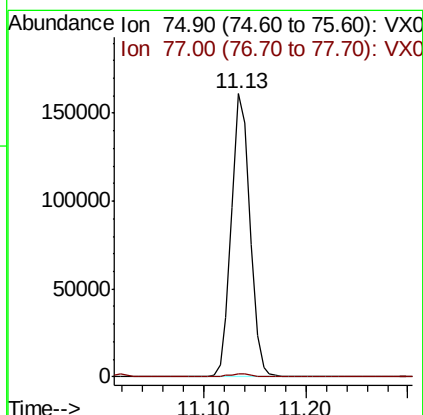
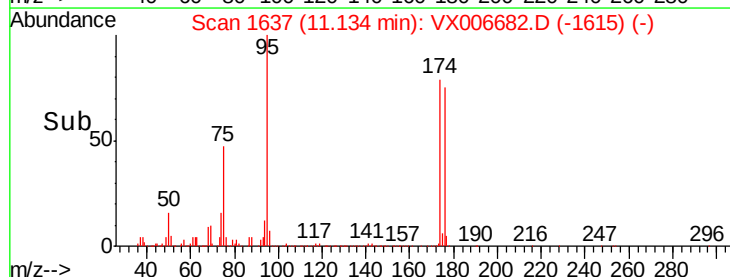
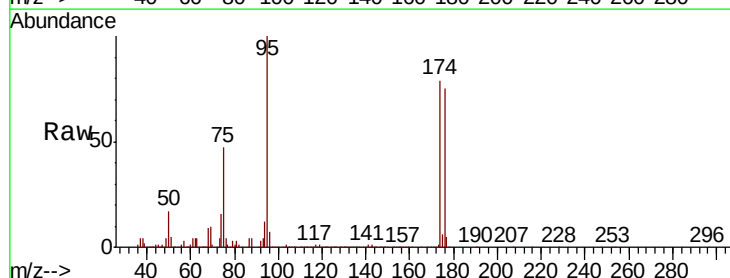
Acq: 20 Dec 2018 18:01

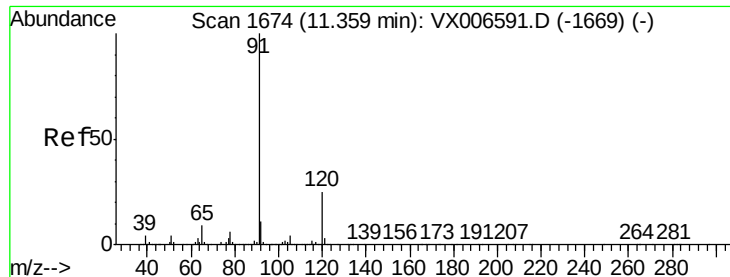
Tgt Ion: 75 Resp: 202879

Ion Ratio Lower Upper

75 100

77 1.4 18.5 55.5#





#78

n-propylbenzene

Concen: 1.546 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

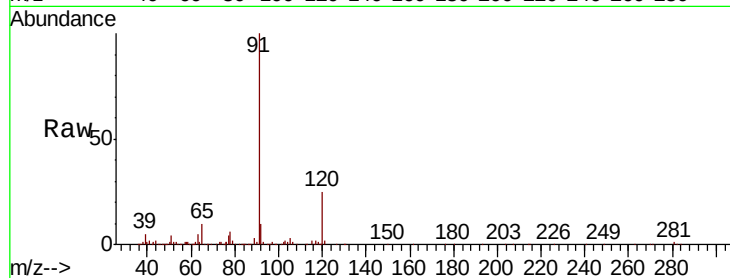
ClientSampleId :

Tot Ion: 91 Resp: 53437

Ion Ratio Lower Upper

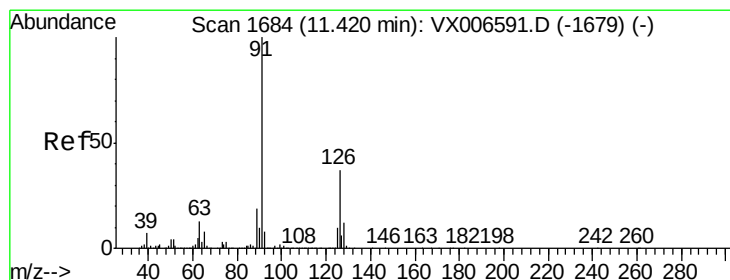
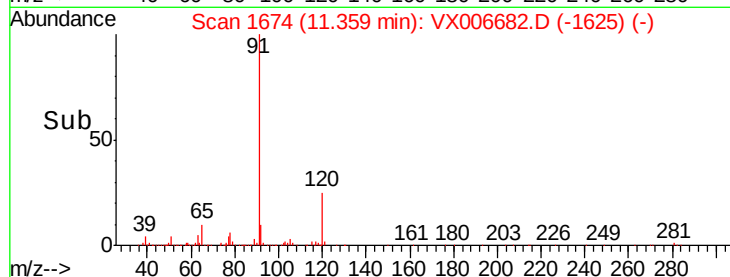
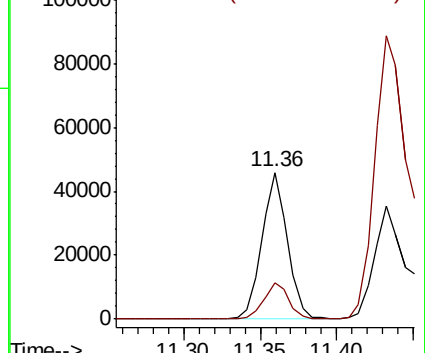
91 100

120 24.6 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: 2.588 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006682.D

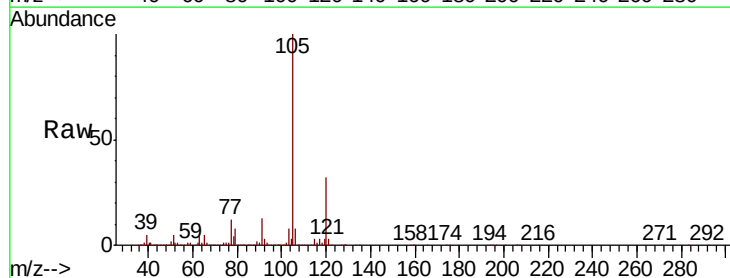
Acq: 20 Dec 2018 18:01

Tgt Ion: 91 Resp: 54228

Ion Ratio Lower Upper

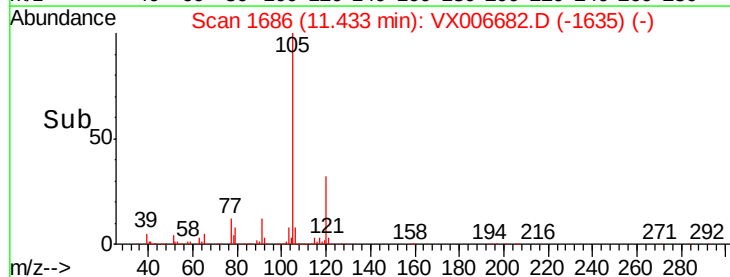
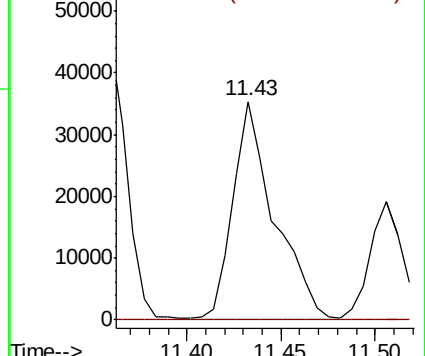
91 100

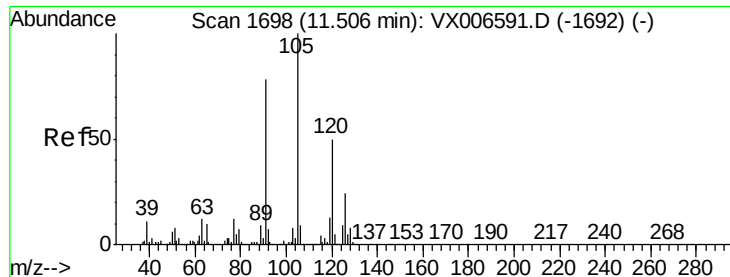
126 0.4 18.6 56.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

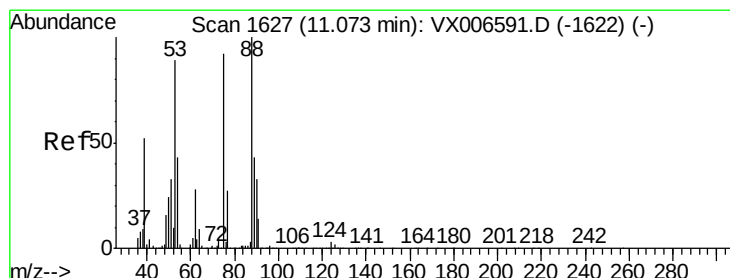
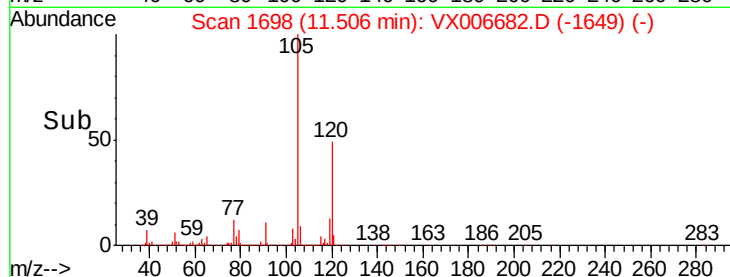
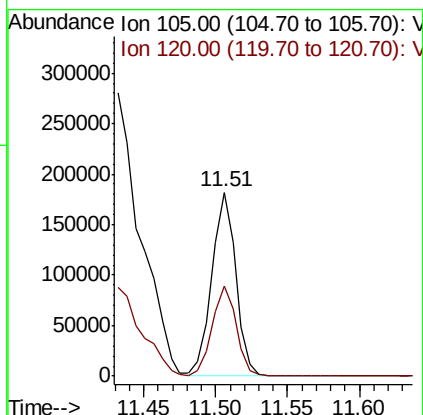
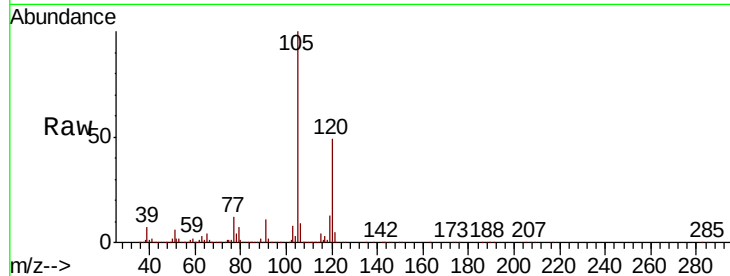




#80
 1,3,5-Trimethylbenzene
 Concen: 8.164 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006682.D
 Acq: 20 Dec 2018 18:01

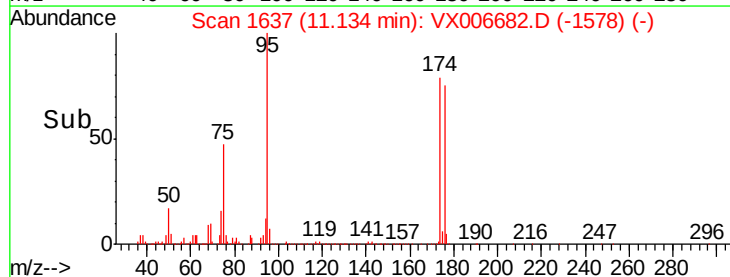
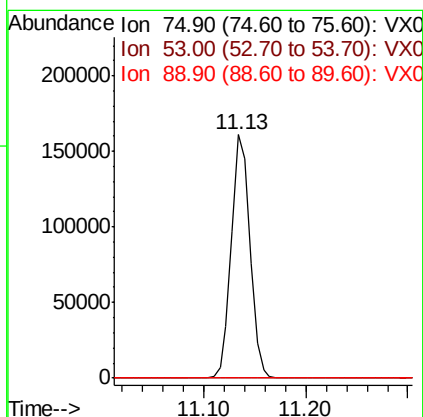
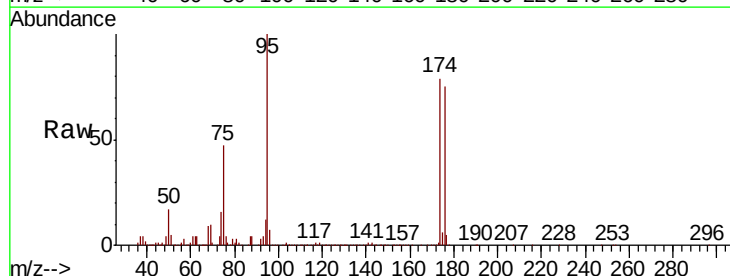
Instrument :
 MSVOA_X
 ClientSampleId :

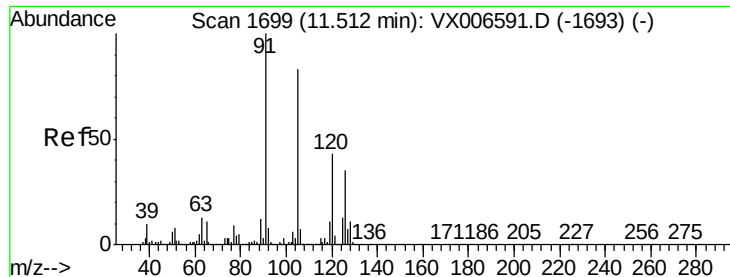
Tot Ion:105 Resp: 211112
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.498 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006682.D
 Acq: 20 Dec 2018 18:01

Tgt Ion: 75 Resp: 202879
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.7 119.5#
 89 0.1 38.0 57.0#





#82

4-Chlorotoluene

Concen: 0.958 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

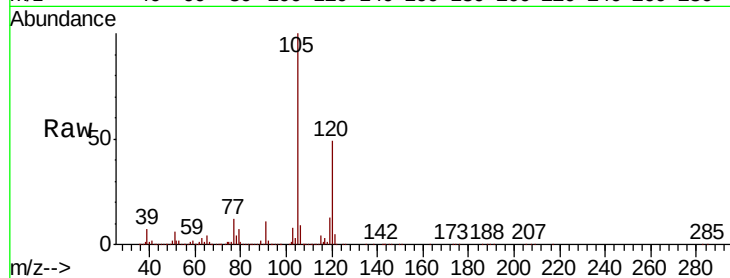
ClientSampleId :

Tot Ion: 91 Resp: 23029

Ion Ratio Lower Upper

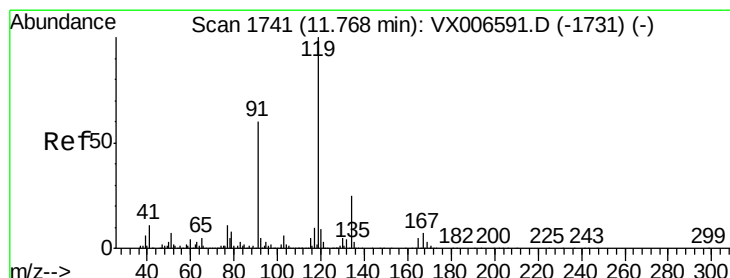
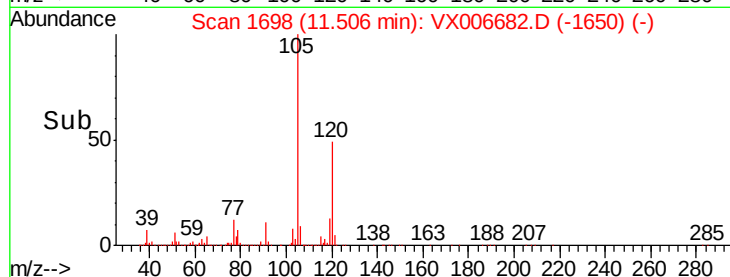
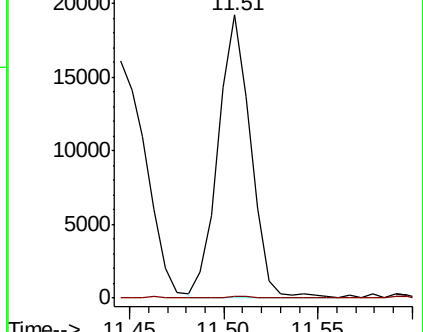
91 100

126 0.4 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 4.518 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

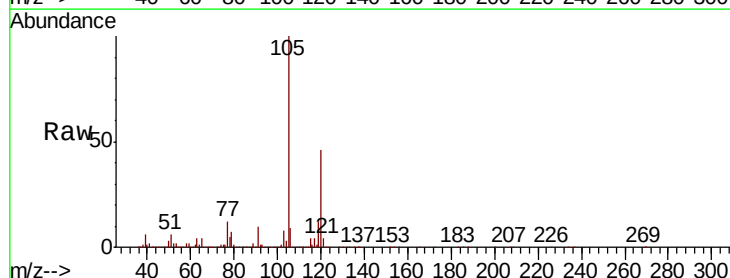
Tgt Ion: 119 Resp: 116942

Ion Ratio Lower Upper

119 100

91 83.6 27.7 83.1#

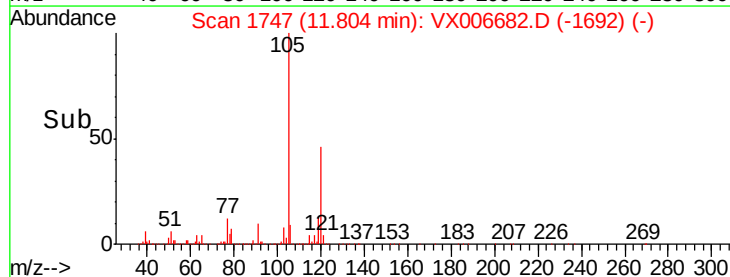
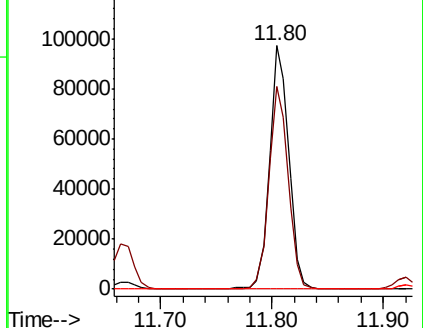
134 0.0 11.9 35.5#

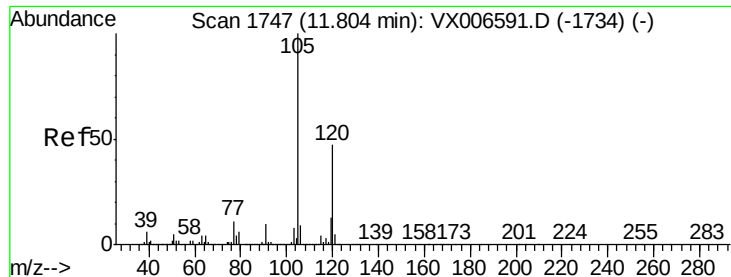


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



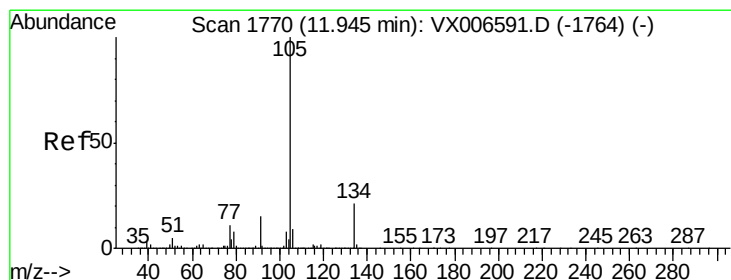
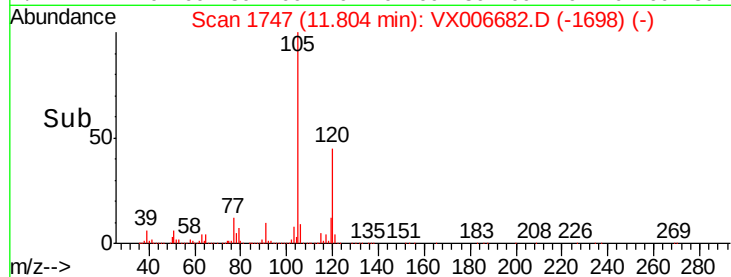
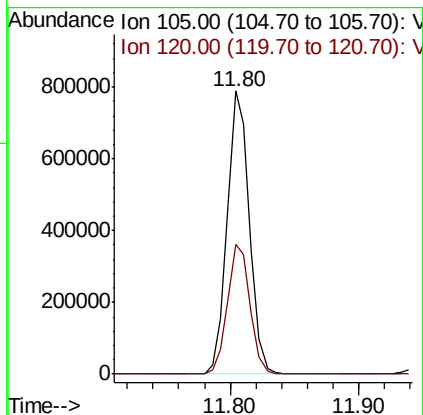
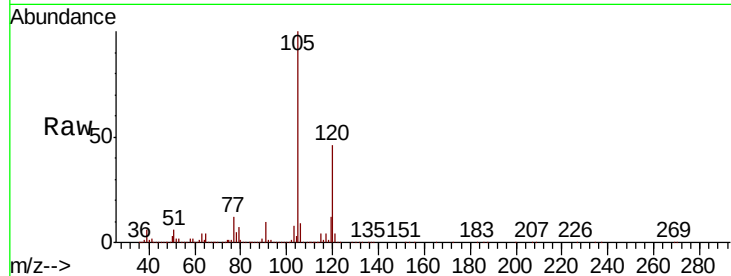


#84

1,2,4-Trimethylbenzene
Concen: 35.075 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :

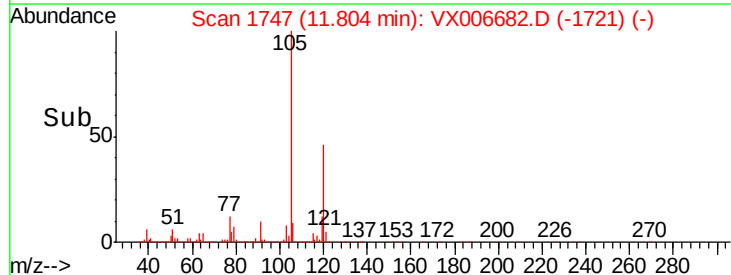
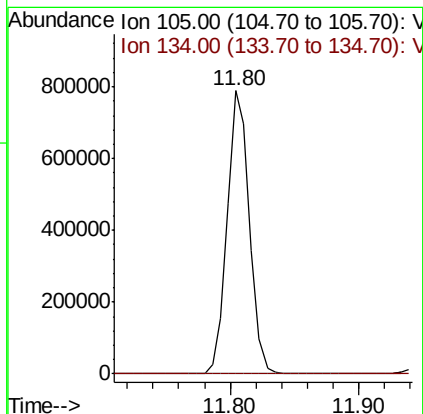
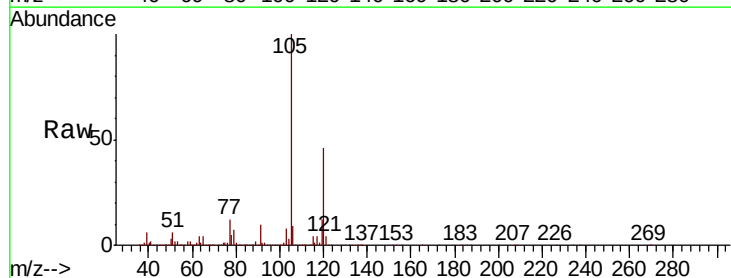
Tot Ion:105 Resp: 954042
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

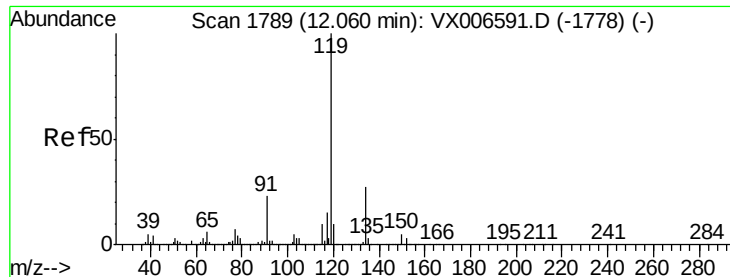


#85

sec-Butylbenzene
Concen: 30.066 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Tgt Ion:105 Resp: 954042
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#





#86

p-Isopropyltoluene

Concen: 0.679 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006682.D

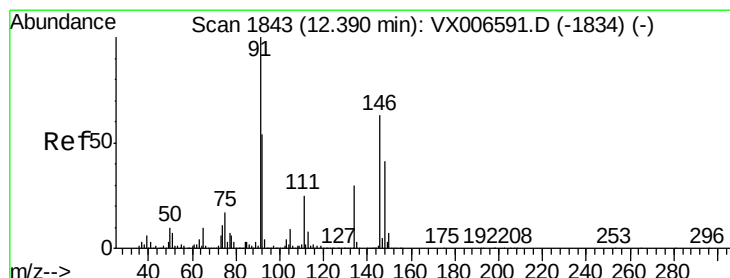
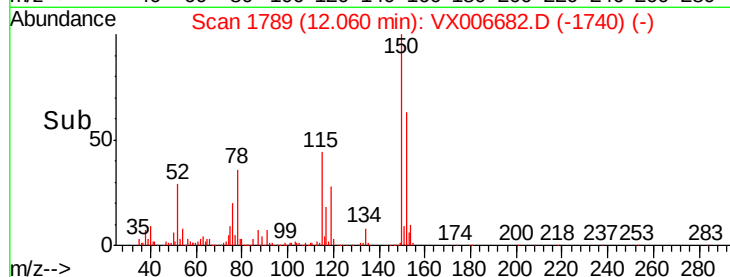
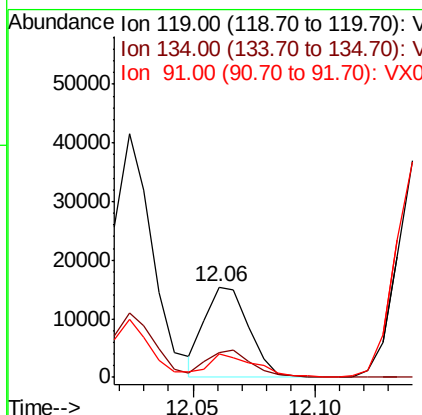
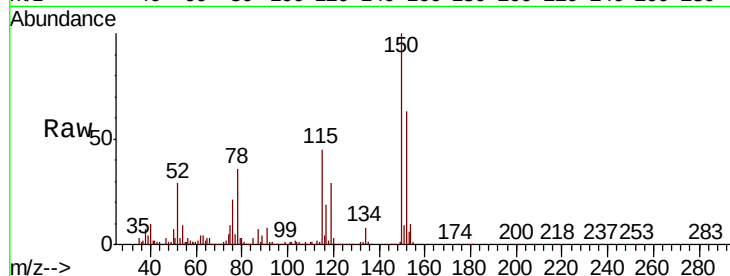
Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:119	Resp:	18950
Ion Ratio	Lower	Upper
119	100	
134	32.1	14.0 41.9
91	26.1	11.3 33.9



#89

n-Butylbenzene

Concen: 3.871 ug/l

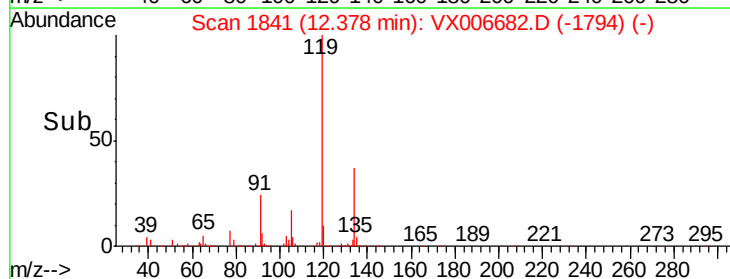
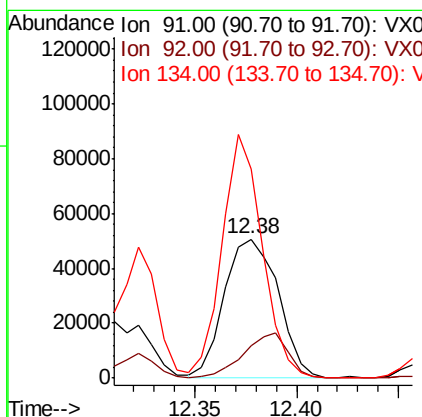
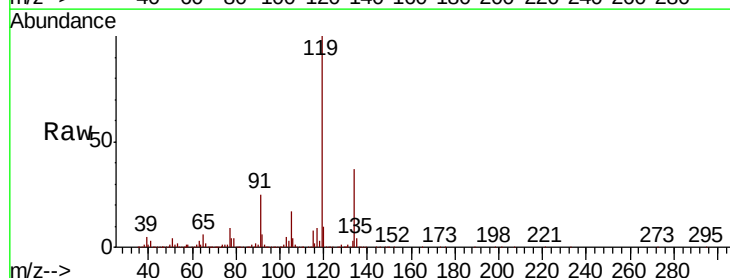
RT: 12.38 min Scan# 1841

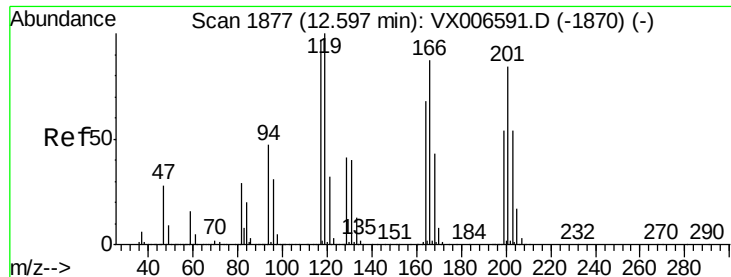
Delta R.T. -0.01 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Tgt Ion: 91	Resp:	91892
Ion Ratio	Lower	Upper
91	100	
92	27.8	26.8 80.4
134	130.9	14.4 43.2#





#90

Hexachloroethane

Concen: 8.483 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

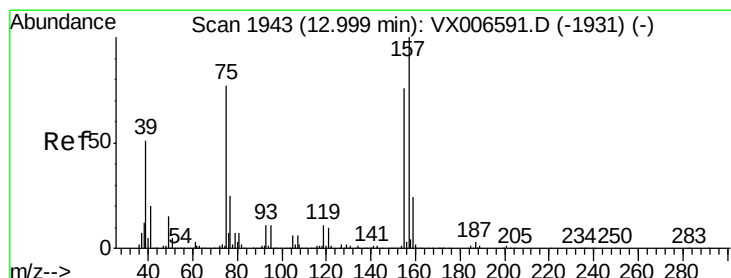
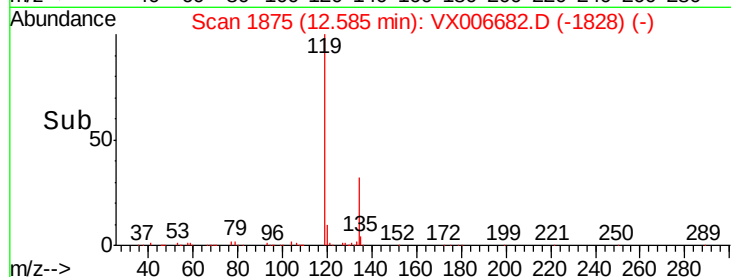
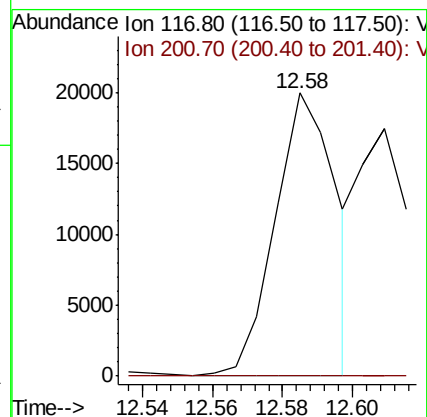
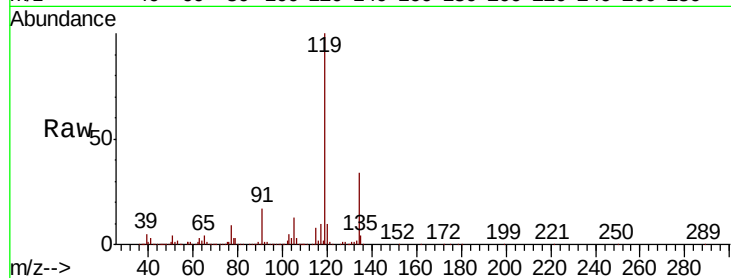
ClientSampleId :

Tot Ion:117 Resp: 24253

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.655 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

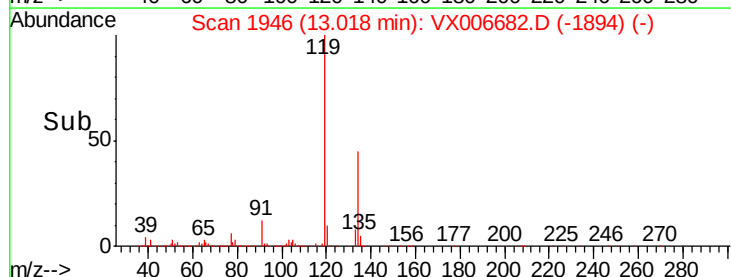
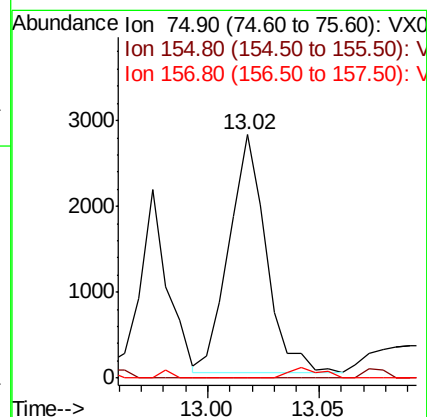
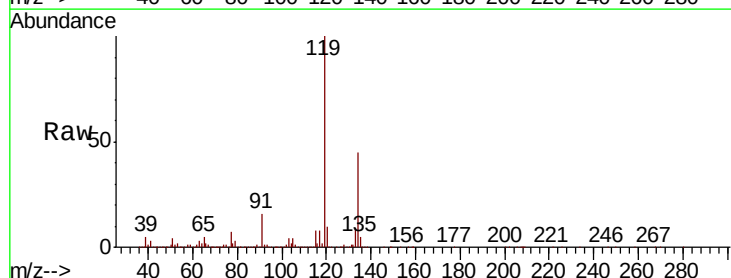
Tgt Ion: 75 Resp: 3197

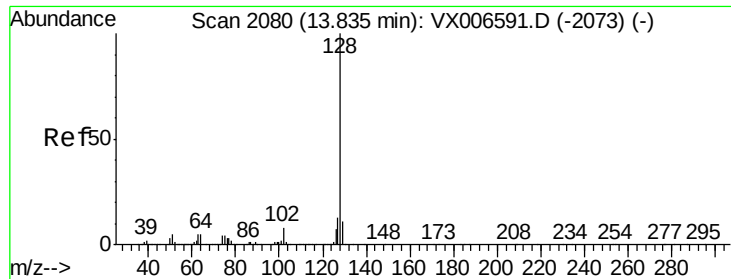
Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 0.0 64.6 193.8#

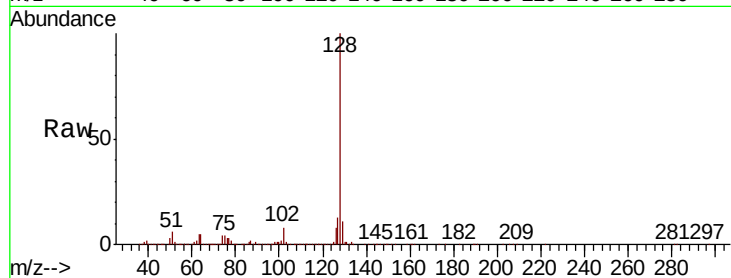




#95
Naphthalene
Concen: 9.748 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	12.2	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

