

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003318.D
 Acq On : 11 Jul 2018 07:17
 Operator : JC/MD
 Sample : J3911-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB21029

Quant Time: Jul 11 08:03:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216502	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	157989	36.90	ug/l	0.00
Spiked Amount			Recovery	=	73.80%	
35) Dibromofluoromethane	5.51	113	141886	36.27	ug/l	0.00
Spiked Amount			Recovery	=	72.54%	
50) Toluene-d8	8.72	98	514611	37.03	ug/l	0.00
Spiked Amount			Recovery	=	74.06%	
62) 4-Bromofluorobenzene	11.14	95	192074	37.40	ug/l	0.00
Spiked Amount			Recovery	=	74.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1075	Below Cal	#	77
8) Diethyl Ether	2.19	74	925	0.45	ug/l	90
10) Methyl Iodide	2.53	142	1007	5.89	ug/l	# 87
11) Tert butyl alcohol	3.07	59	46917	60.44	ug/l	96
13) Acrolein	2.29	56	469	0.75	ug/l	# 81
14) Allyl chloride	2.71	41	1144	0.20	ug/l	# 23
16) Acetone	2.45	43	494018	324.98	ug/l	96
17) Carbon Disulfide	2.57	76	6804	0.80	ug/l	99
18) Methyl Acetate	2.78	43	1380	0.32	ug/l	# 88
20) Methylene Chloride	2.86	84	42027	12.97	ug/l	93
25) 2-Butanone	4.71	43	312350	116.12	ug/l	96
27) cis-1,2-Dichloroethene	4.61	96	1716	0.43	ug/l	# 1
28) Bromochloromethane	5.23	49	4819	1.59	ug/l	# 13
29) Tetrahydrofuran	5.17	42	369952	211.90	ug/l	95
30) Chloroform	5.23	83	43247	6.56	ug/l	99
36) 1,1-Dichloropropene	5.67	75	16040	3.11	ug/l	# 51
37) Ethyl Acetate	4.71	43	312350	55.27	ug/l	# 70
38) Carbon Tetrachloride	5.67	117	22847	4.05	ug/l	# 16
41) Methacrylonitrile	5.17	41	217423	70.27	ug/l	# 48
47) Bromodichloromethane	7.90	83	11518	2.31	ug/l	# 94
48) Methyl methacrylate	7.74	41	1145	0.25	ug/l	# 15
49) 1,4-Dioxane	7.56	88	120	1.26	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.66	43	23298	4.22	ug/l	99
52) Toluene	8.79	92	5409112	560.09	ug/l	93
54) cis-1,3-Dichloropropene	8.79	75	62888	11.76	ug/l	# 1
59) 2-Hexanone	9.51	43	21754	5.18	ug/l	91
60) Dibromochloromethane	9.59	129	3564	0.85	ug/l	100
67) Ethyl Benzene	10.26	91	9344	0.49	ug/l	98
68) m/p-Xylenes	10.36	106	10906	1.48	ug/l	94
69) o-Xylene	10.71	106	6469	0.91	ug/l	99
73) Isopropylbenzene	11.02	105	4554	0.27	ug/l	100
76) 1,2,3-Trichloropropane	11.14	75	92224	19.71	ug/l	# 33
78) n-propylbenzene	11.37	91	11215	0.59	ug/l	100
79) 2-Chlorotoluene	11.44	91	5168	0.45	ug/l	# 39

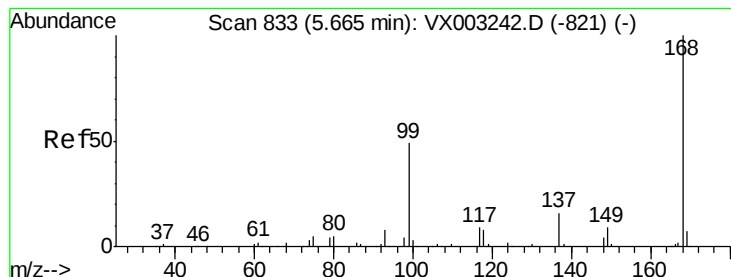
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003318.D
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	14360	1.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	92224	64.42	ug/l #	7
83) tert-Butylbenzene	12.03	119	7645	0.54	ug/l	84
84) 1,2,4-Trimethylbenzene	11.81	105	66382	4.55	ug/l	99
85) sec-Butylbenzene	11.95	105	5197	0.31	ug/l	85
86) p-Isopropyltoluene	12.07	119	45580	2.98	ug/l	99
87) 1,3-Dichlorobenzene	12.10	146	107818	11.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	107818	11.76	ug/l	99
89) n-Butylbenzene	12.39	91	8458	0.66	ug/l #	37
90) Hexachloroethane	12.59	117	1742	0.75	ug/l #	1
95) Naphthalene	13.84	128	47210	2.73	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

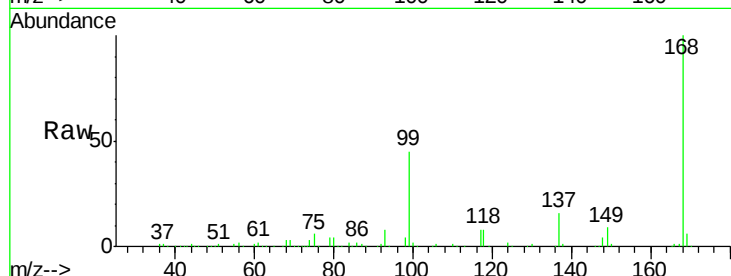
VB21029

Tot Ion:168 Resp: 272073

Ion Ratio Lower Upper

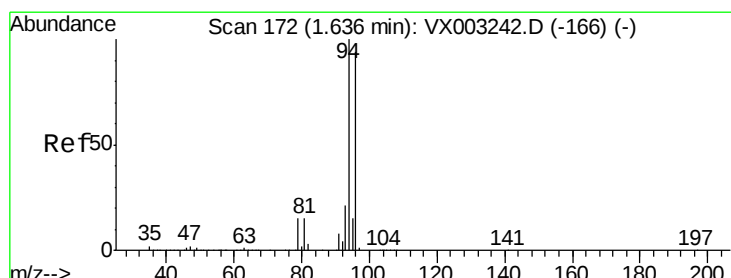
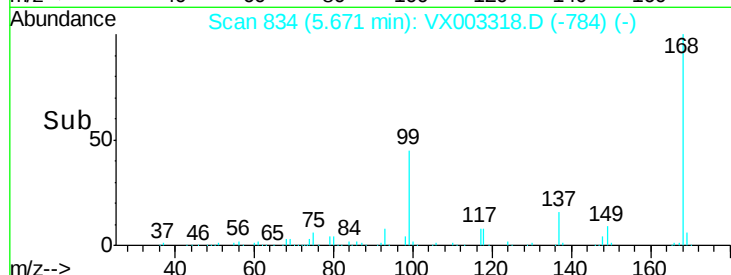
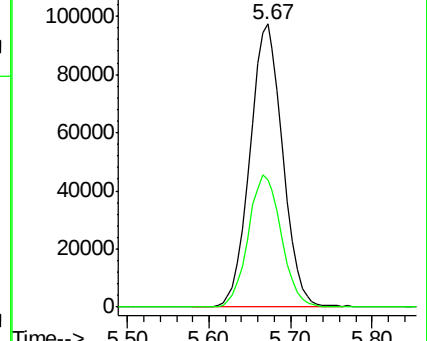
168 100

99 44.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003318.D

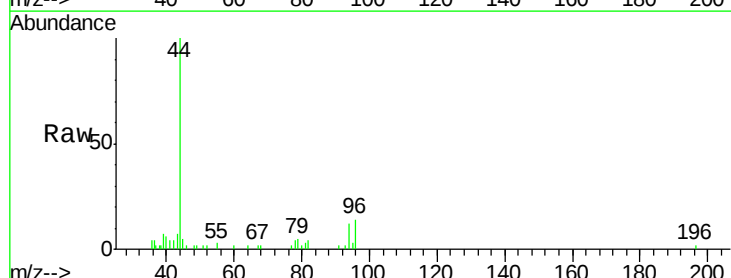
Acq: 11 Jul 2018 07:17

Tgt Ion: 94 Resp: 1075

Ion Ratio Lower Upper

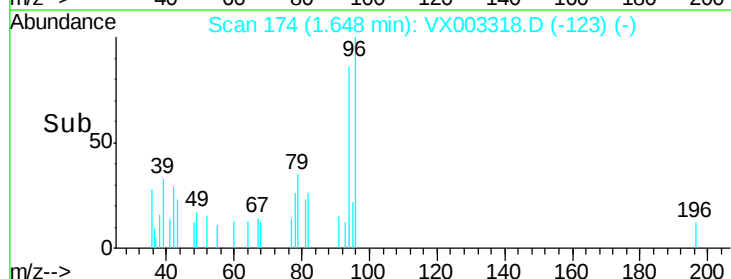
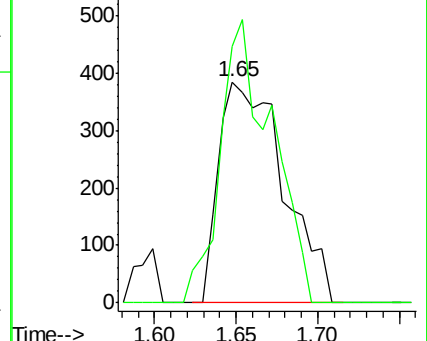
94 100

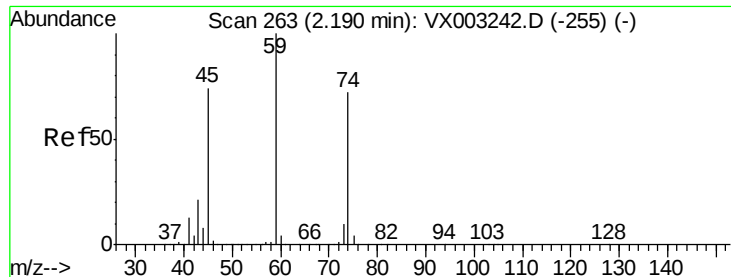
96 115.8 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

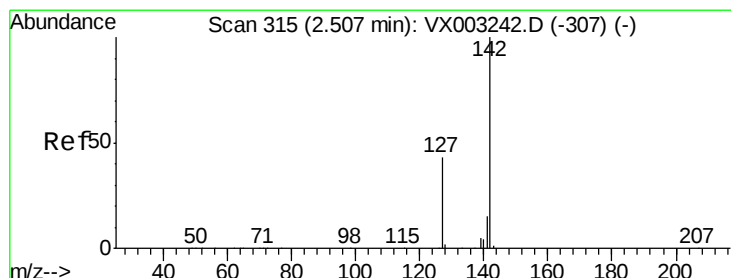
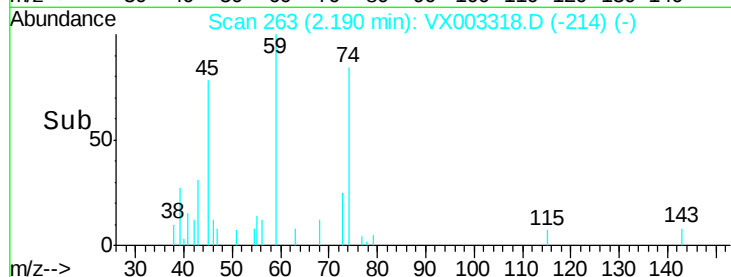
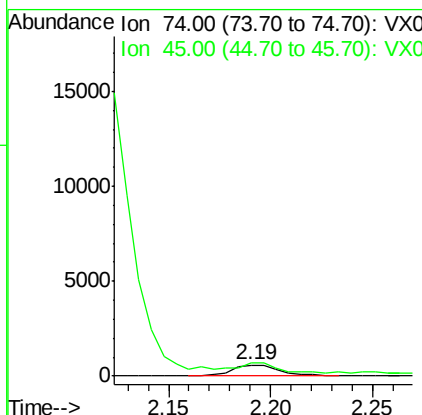
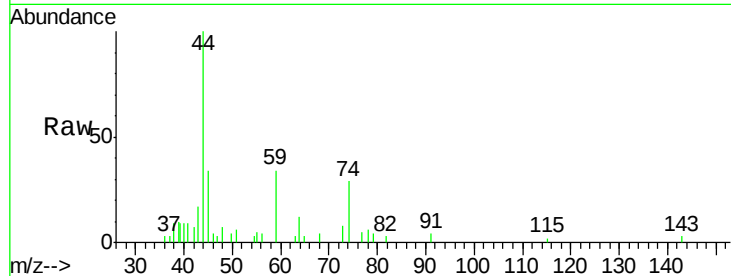




#8
Diethyl Ether
Concen: 0.45 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

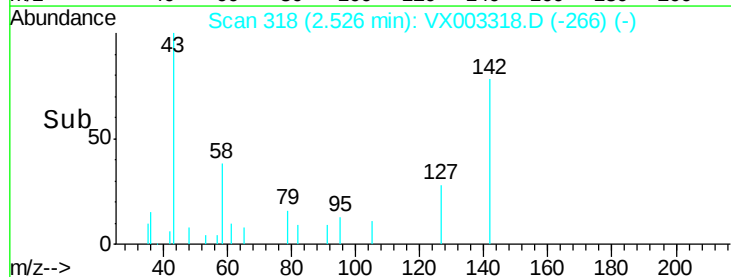
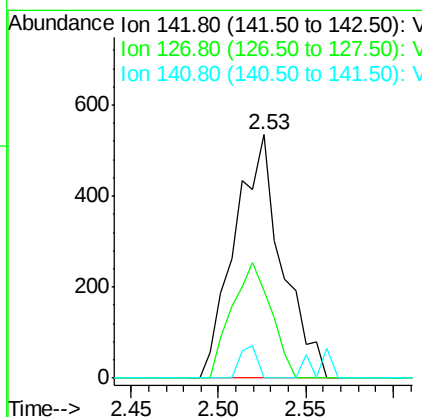
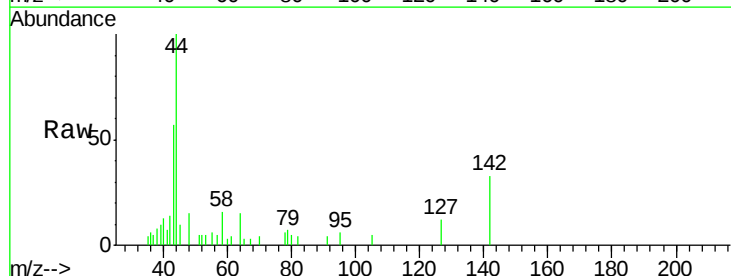
Instrument :
MSVOA_X
ClientSampleId :
VB21029

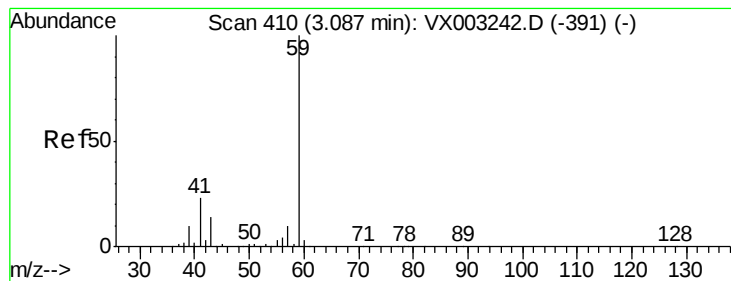
Tot Ion: 74 Resp: 925
Ion Ratio Lower Upper
74 100
45 96.1 53.1 159.4



#10
Methyl Iodide
Concen: 5.89 ug/l
RT: 2.53 min Scan# 315
Delta R.T. 0.02 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion: 142 Resp: 1007
Ion Ratio Lower Upper
142 100
127 39.3 36.6 55.0
141 4.8 11.3 16.9#





#11

Tert butyl alcohol

Concen: 60.44 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.02 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

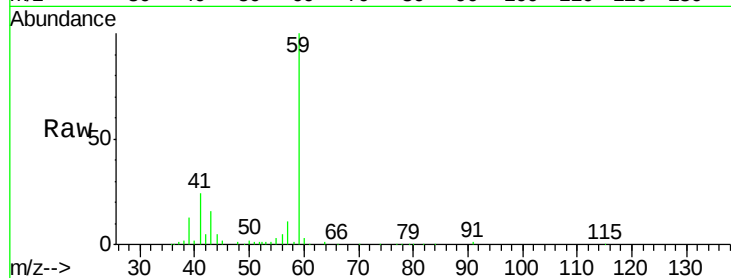
VB21029

Tot Ion: 59 Resp: 46917

Ion Ratio Lower Upper

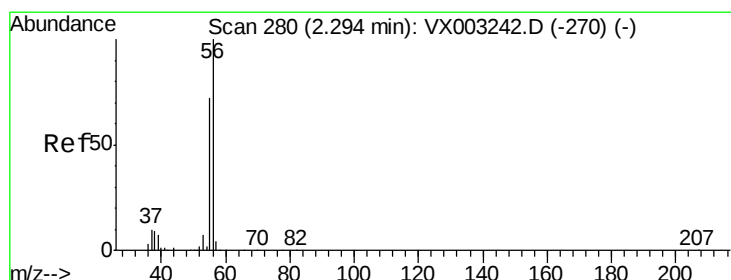
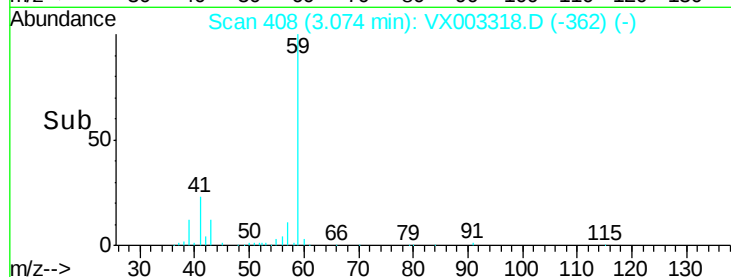
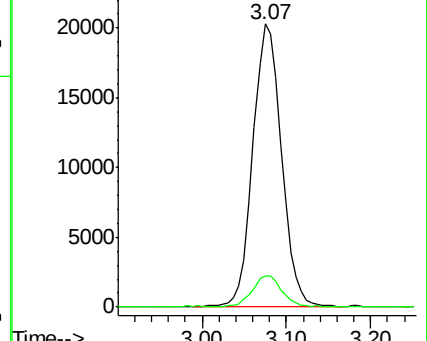
59 100

57 11.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 0.75 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003318.D

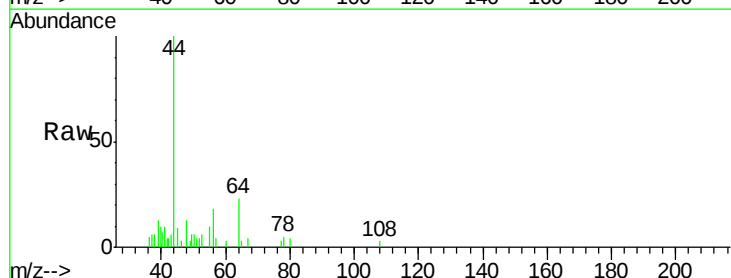
Acq: 11 Jul 2018 07:17

Tgt Ion: 56 Resp: 469

Ion Ratio Lower Upper

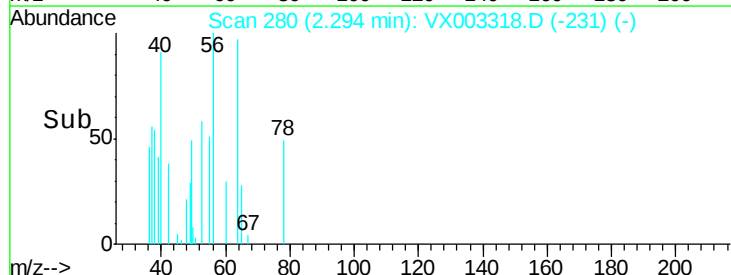
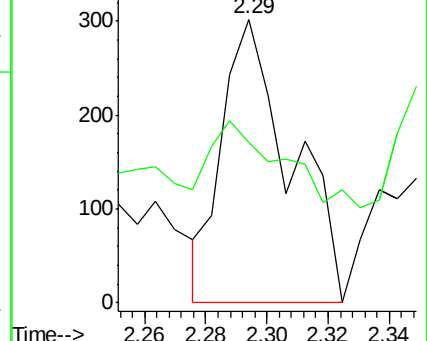
56 100

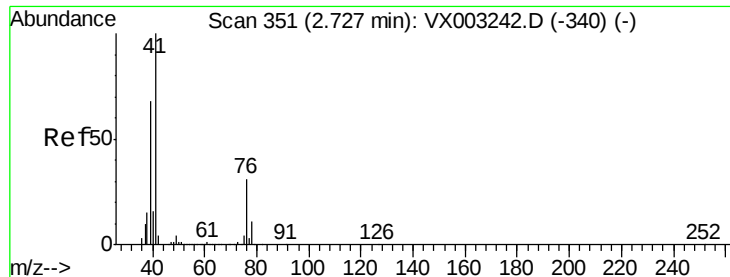
55 55.9 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

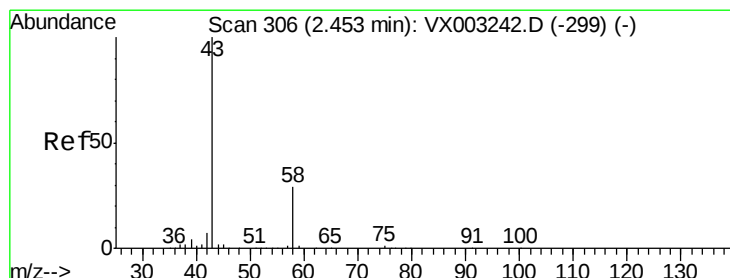
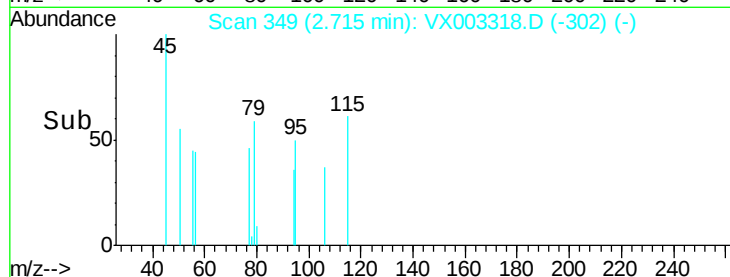
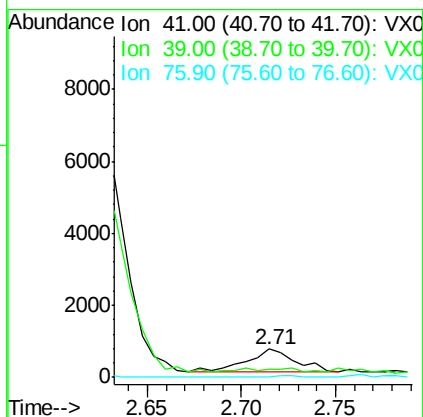
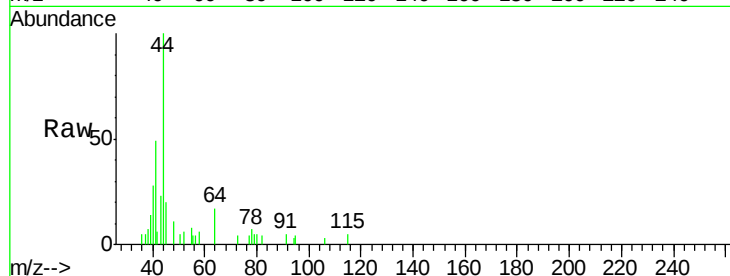




#14
Allvl chloride
Concen: 0.20 ug/l
RT: 2.71 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

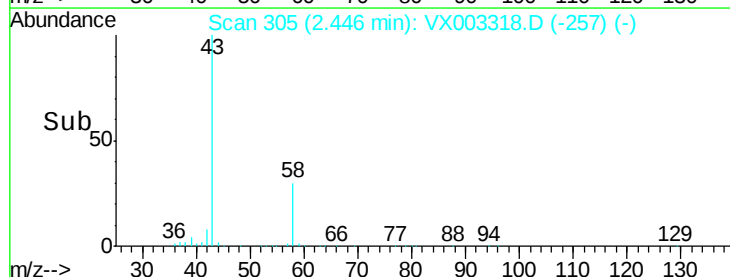
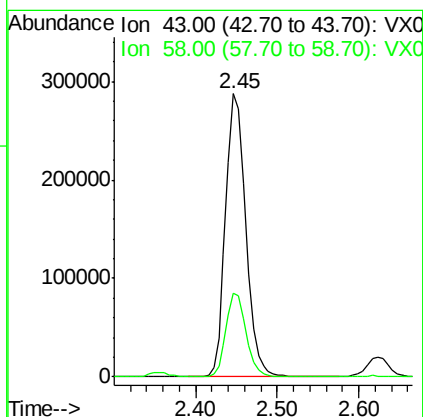
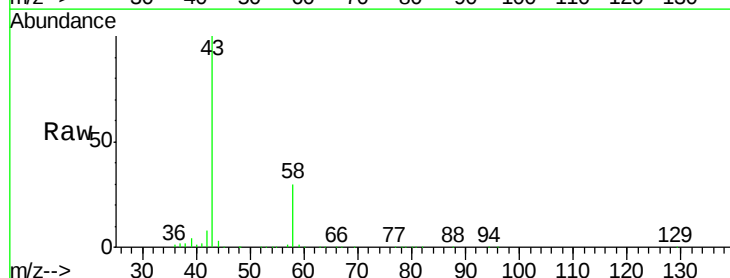
Instrument :
MSVOA_X
ClientSampled :
VB21029

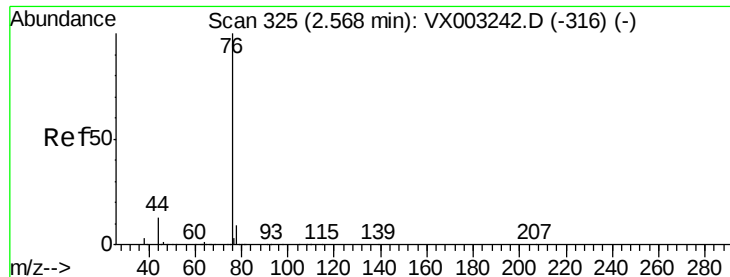
Tot Ion: 41 Resp: 1144
Ion Ratio Lower Upper
41 100
39 0.0 56.8 85.2#
76 0.0 23.8 35.8#



#16
Acetone
Concen: 324.98 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion: 43 Resp: 494018
Ion Ratio Lower Upper
43 100
58 29.6 22.1 33.1





#17

Carbon Disulfide

Concen: 0.80 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

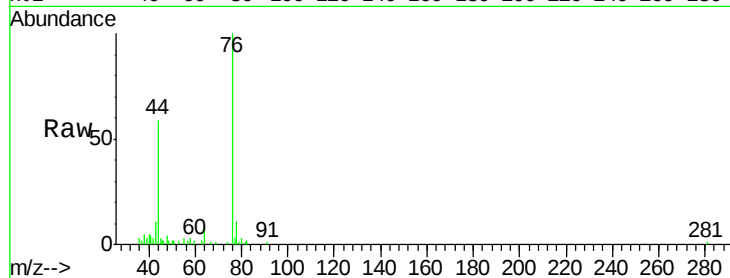
VB21029

Tot Ion: 76 Resp: 6804

Ion Ratio Lower Upper

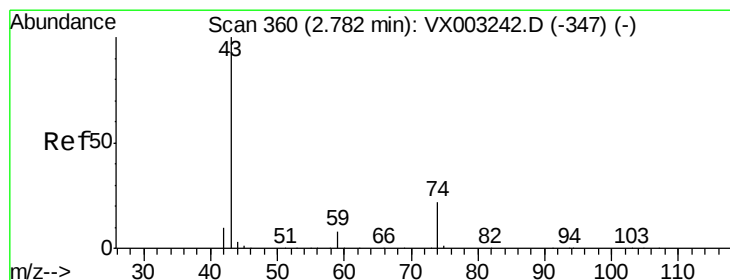
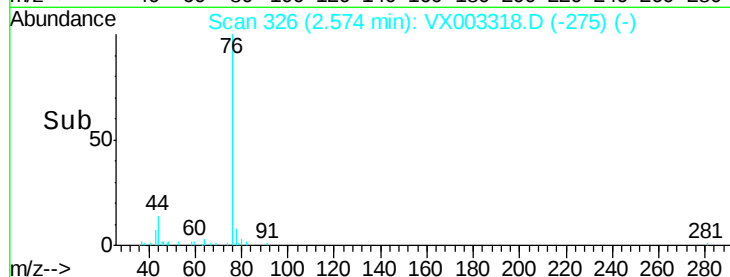
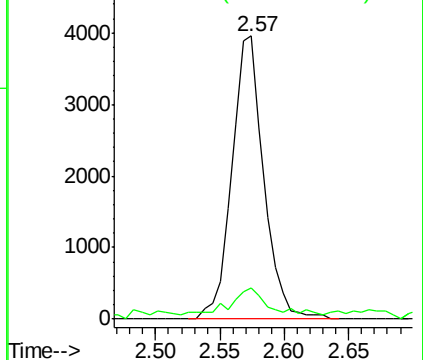
76 100

78 8.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.32 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003318.D

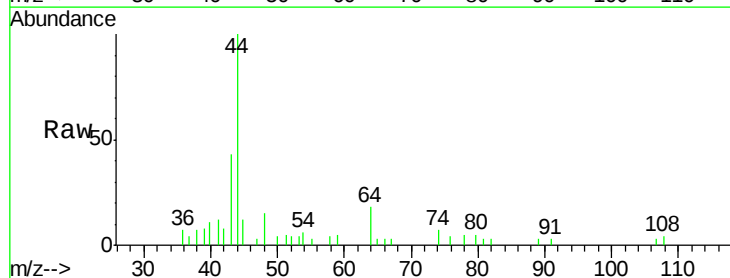
Acq: 11 Jul 2018 07:17

Tgt Ion: 43 Resp: 1380

Ion Ratio Lower Upper

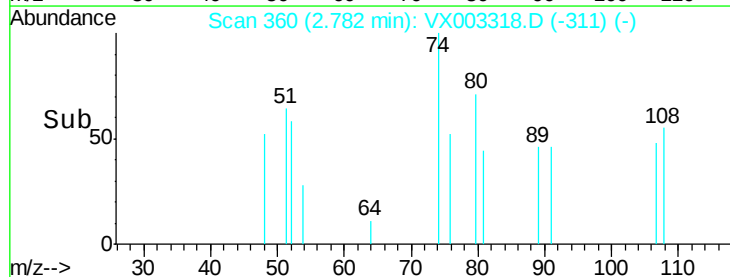
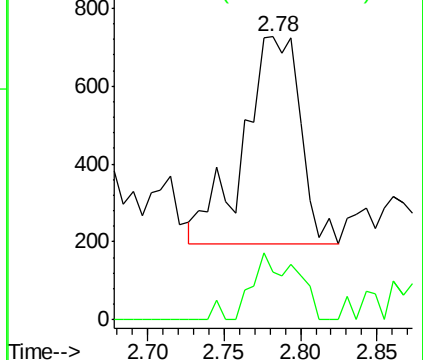
43 100

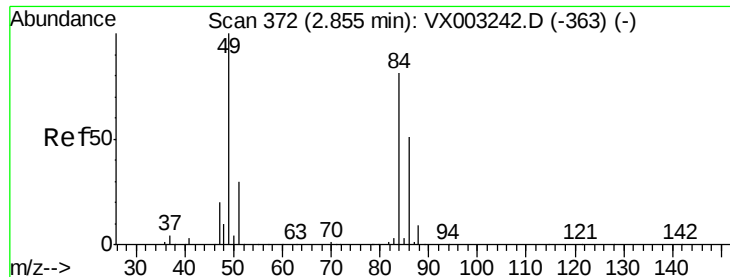
74 15.1 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

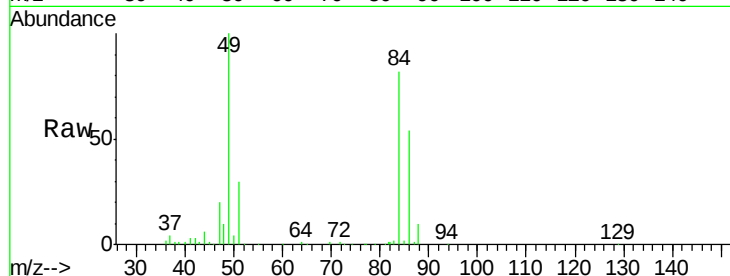




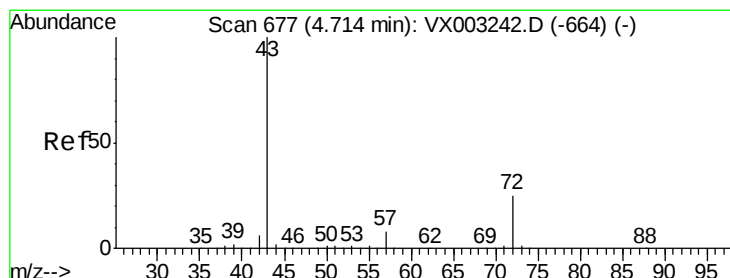
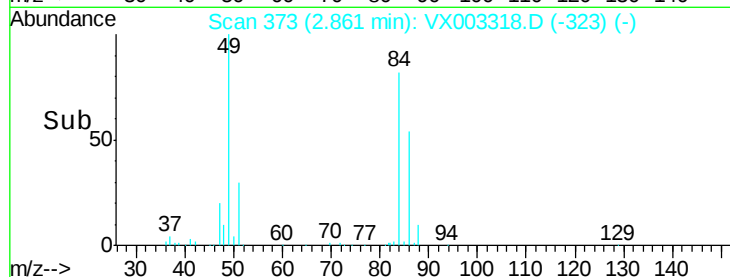
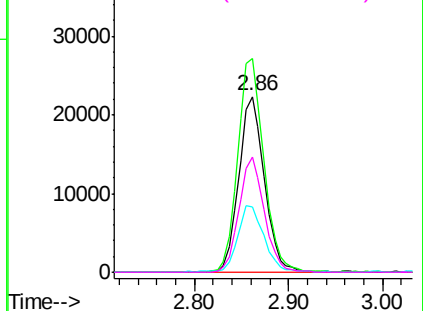
#20
Methvlene Chloride
Concen: 12.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
VB21029

Tot Ion: 84 Resp: 42027
Ion Ratio Lower Upper
84 100
49 121.4 107.8 161.6
51 36.7 32.8 49.2
86 65.4 52.5 78.7

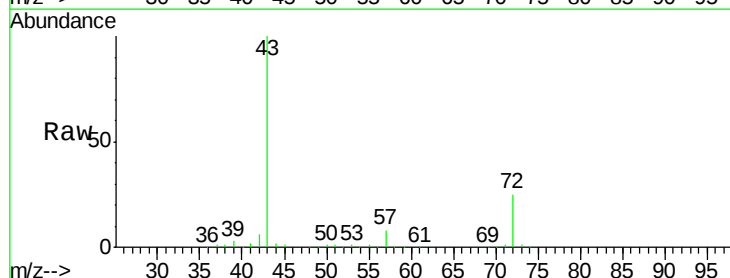


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

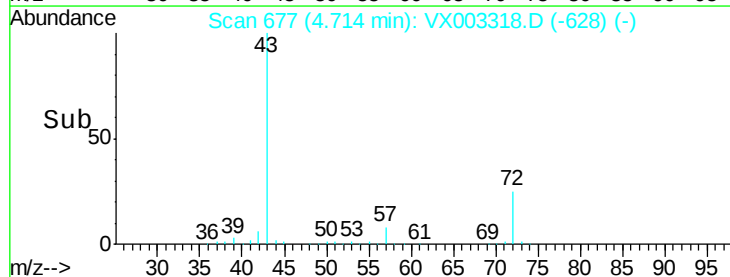
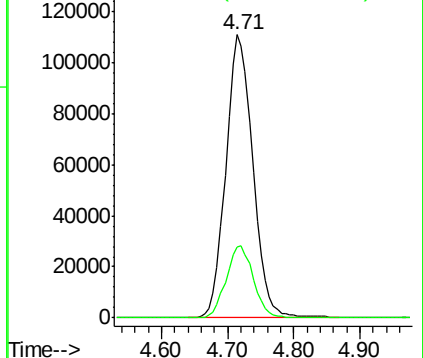


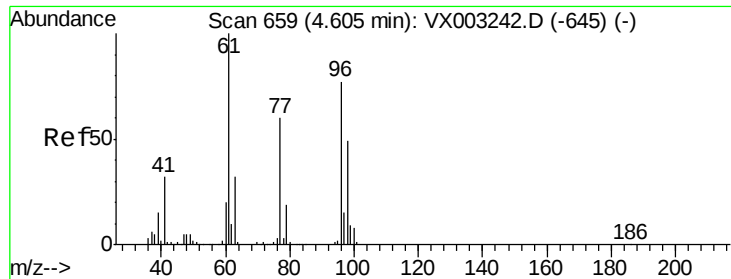
#25
2-Butanone
Concen: 116.12 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion: 43 Resp: 312350
Ion Ratio Lower Upper
43 100
72 24.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 0.43 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

VB21029

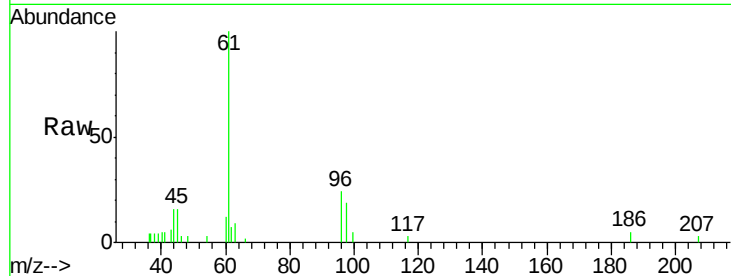
Tot Ion: 96 Resp: 1716

Ion Ratio Lower Upper

96 100

61 668.7 0.0 330.2#

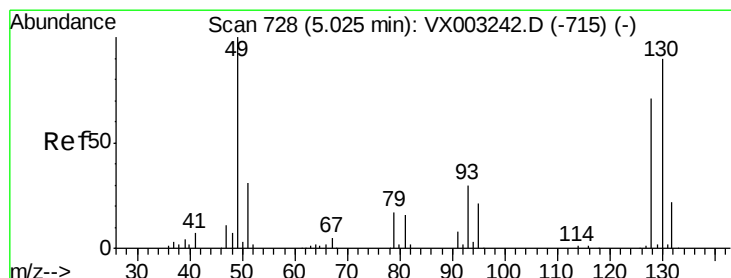
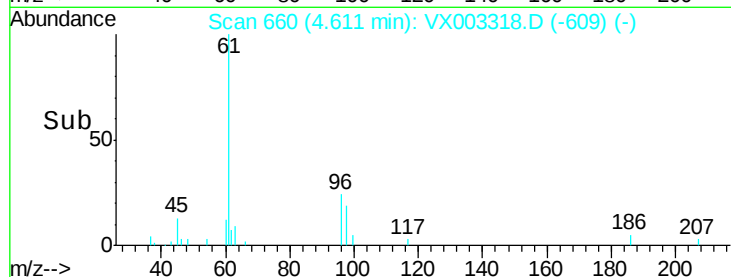
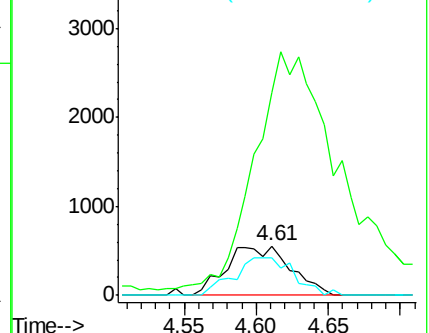
98 71.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 1.59 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.20 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

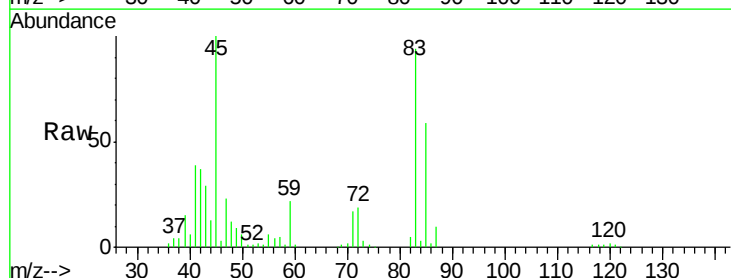
Tgt Ion: 49 Resp: 4819

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

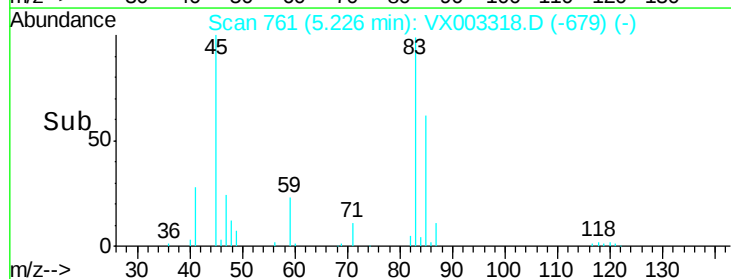
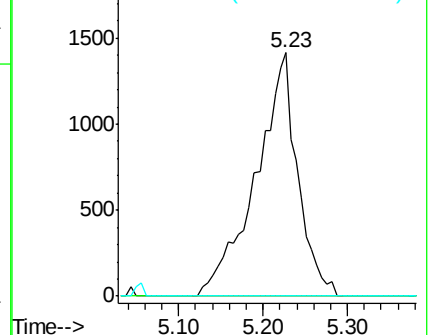
130 0.0 61.2 91.8#

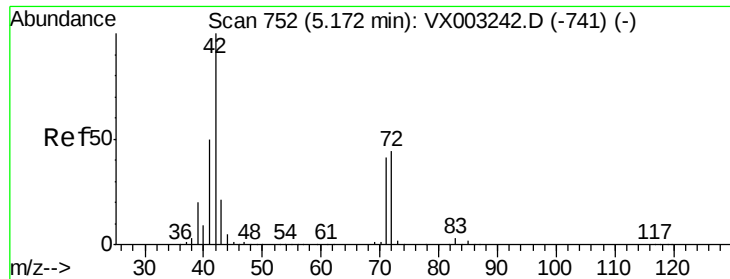


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

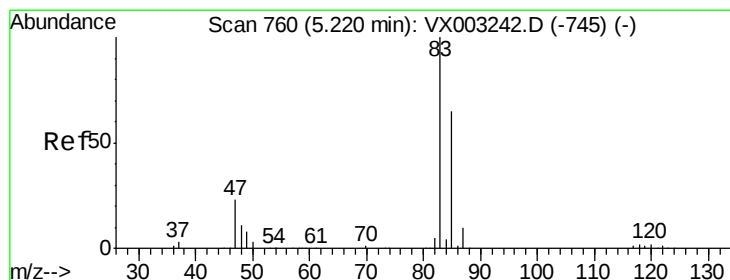
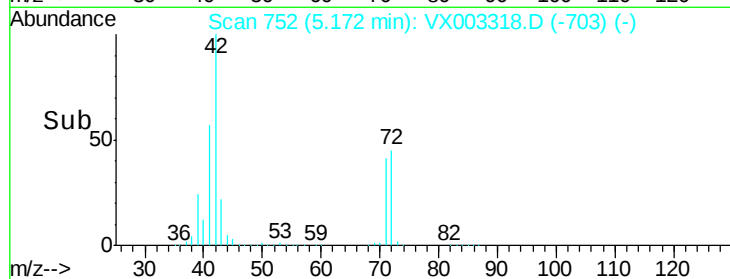
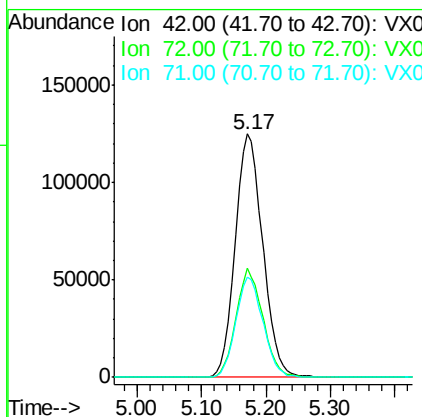
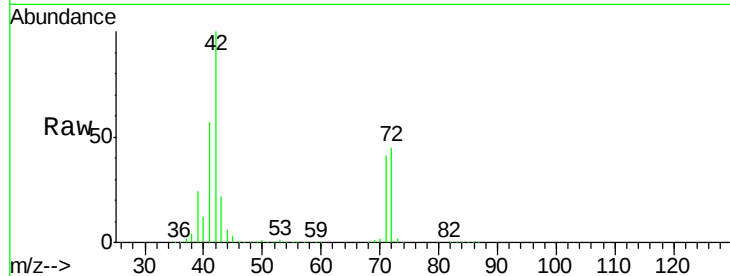




#29
Tetrahydrofuran
Concen: 211.90 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

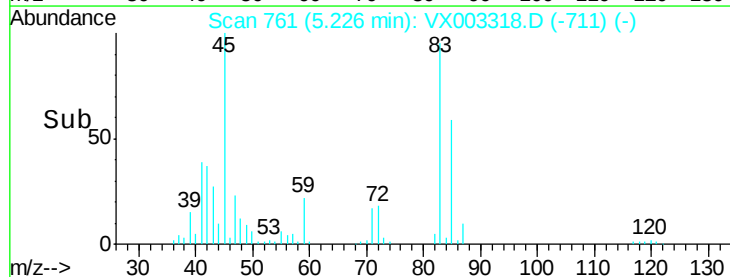
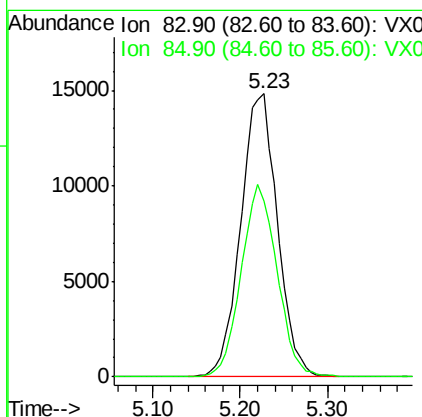
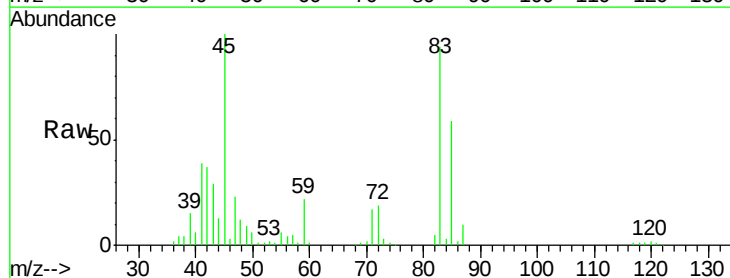
Instrument :
MSVOA_X
ClientSampleId :
VB21029

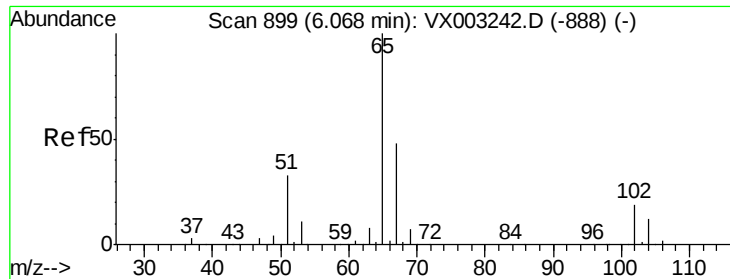
Tot Ion: 42 Resp: 369952
Ion Ratio Lower Upper
42 100
72 43.6 32.0 48.0
71 40.6 30.1 45.1



#30
Chloroform
Concen: 6.56 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion: 83 Resp: 43247
Ion Ratio Lower Upper
83 100
85 62.3 50.4 75.6

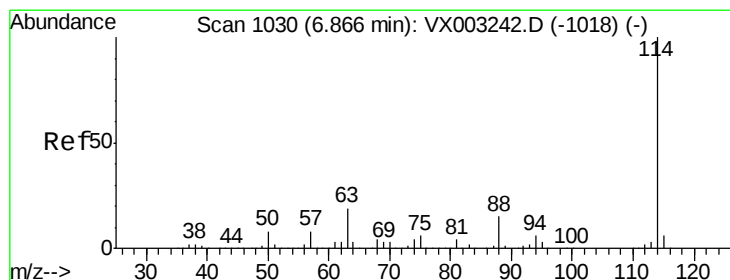
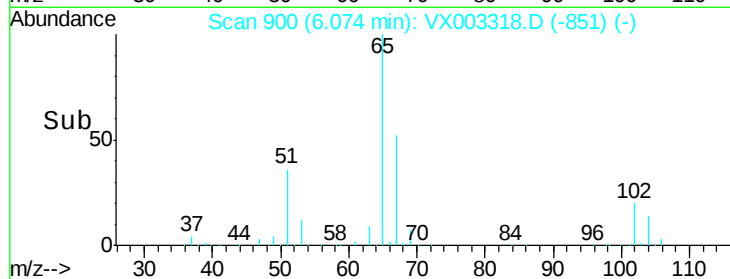
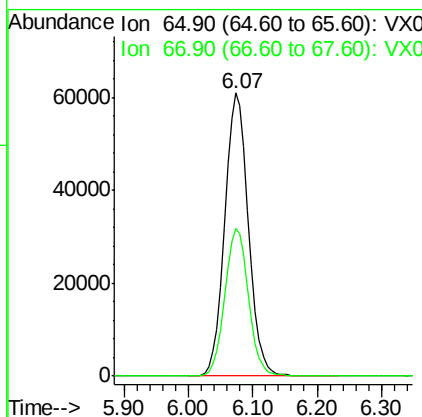
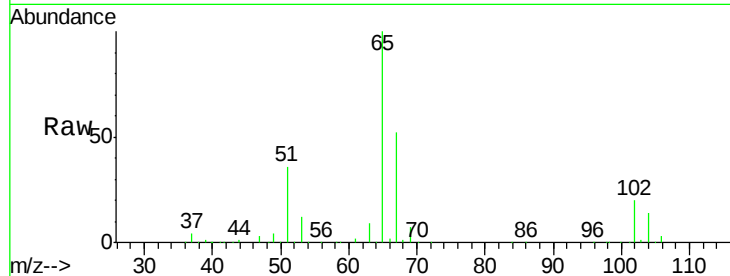




#33
 1,2-Dichloroethane-d4
 Concen: 36.90 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003318.D
 Acq: 11 Jul 2018 07:17

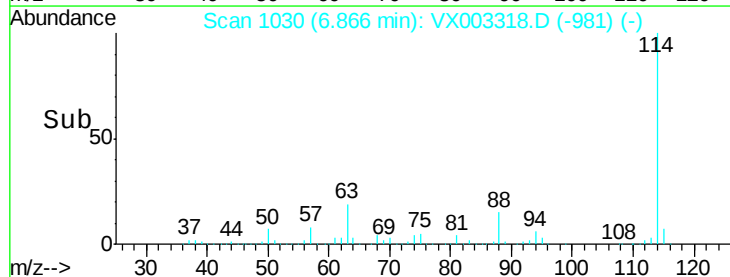
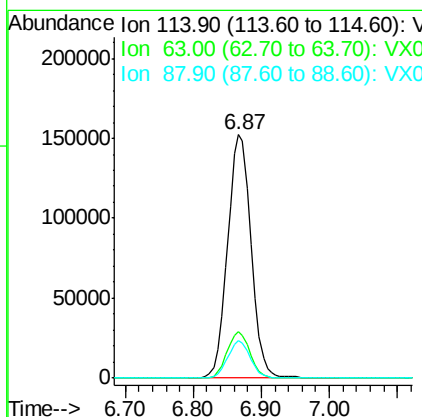
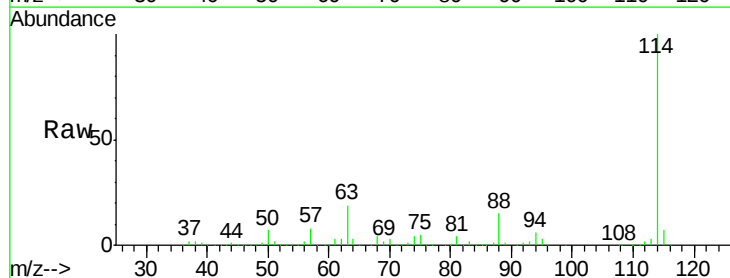
Instrument :
 MSVOA_X
 ClientSampleId :
 VB21029

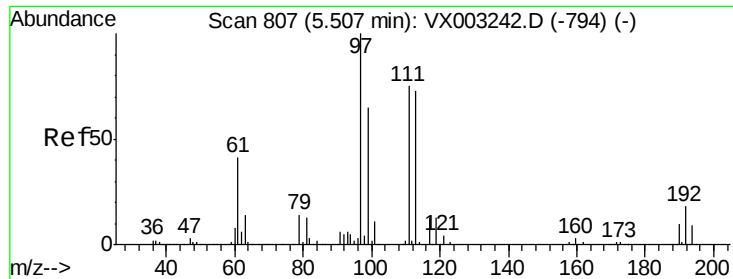
Tot Ion: 65 Resp: 157989
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003318.D
 Acq: 11 Jul 2018 07:17

Tgt Ion: 114 Resp: 364172
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 36.27 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

VB21029

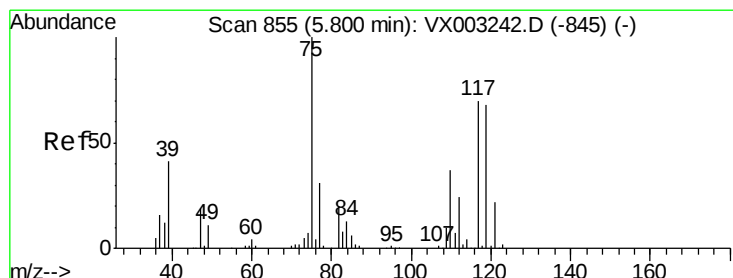
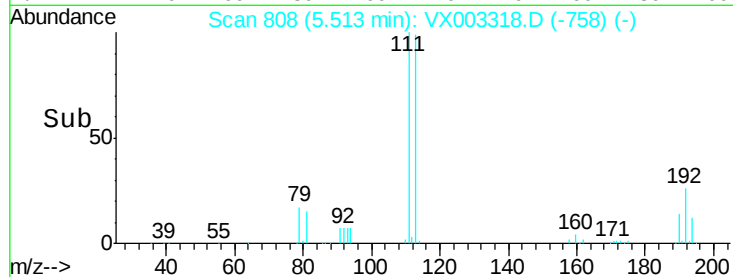
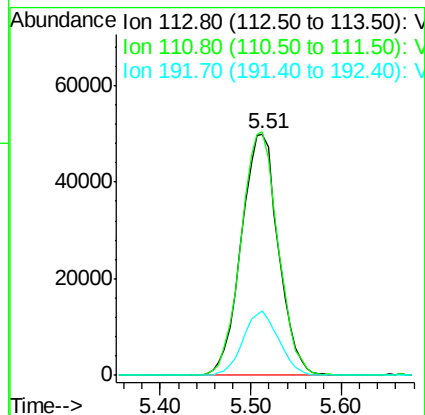
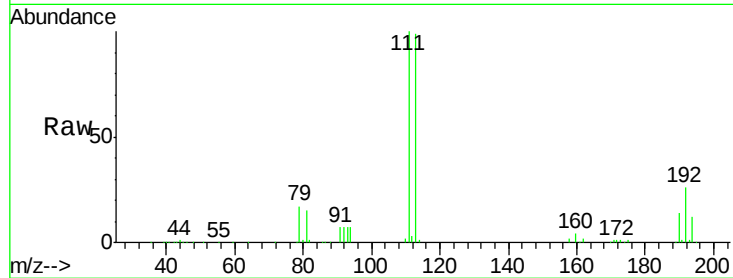
Tot Ion:113 Resp: 141886

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 25.6 19.1 28.7



#36

1,1-Dichloropropene

Concen: 3.11 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

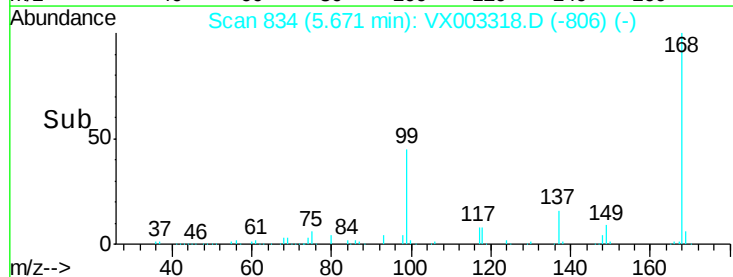
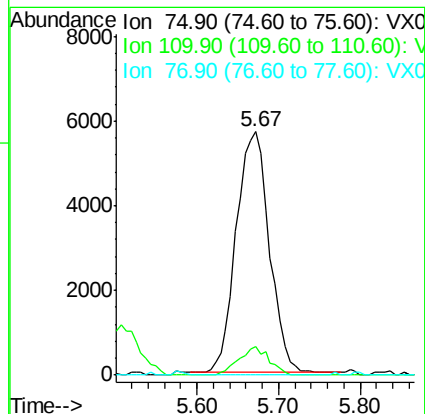
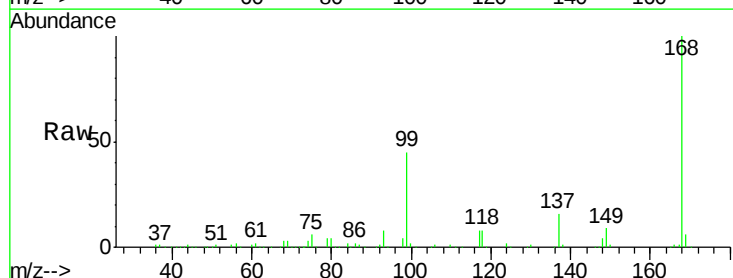
Tgt Ion: 75 Resp: 16040

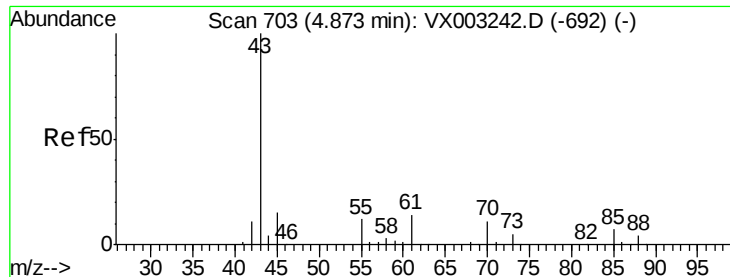
Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.4#

77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 55.27 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.16 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampled :

VB21029

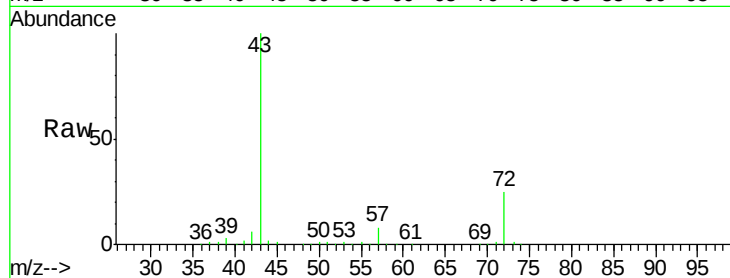
Tot Ion: 43 Resp: 312350

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

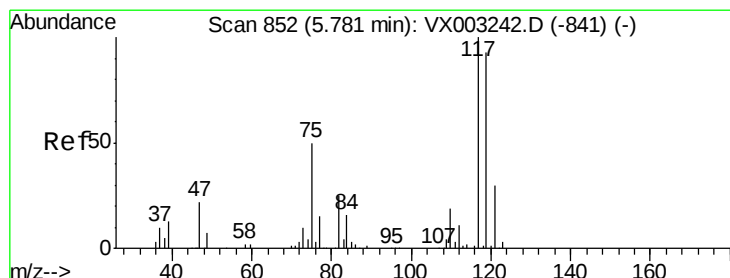
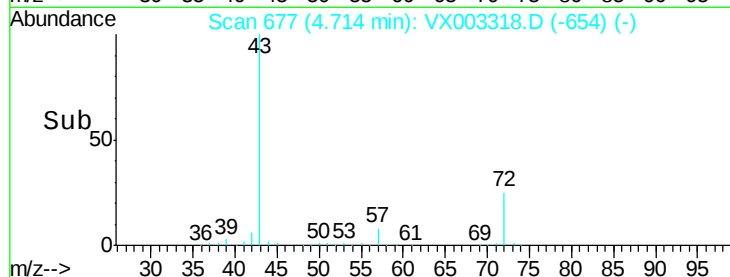
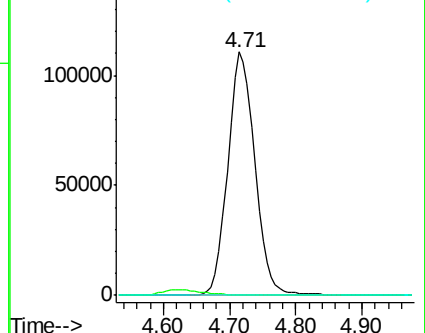
70 0.2 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.05 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.11 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

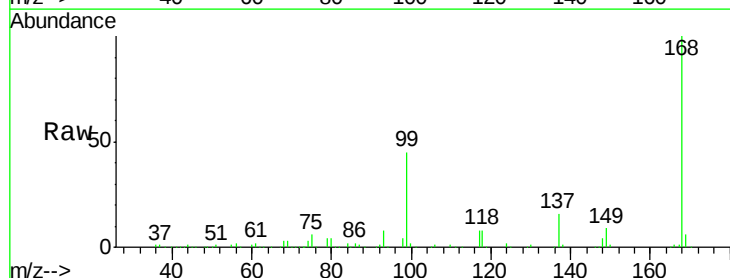
Tgt Ion: 117 Resp: 22847

Ion Ratio Lower Upper

117 100

119 5.9 77.4 116.0#

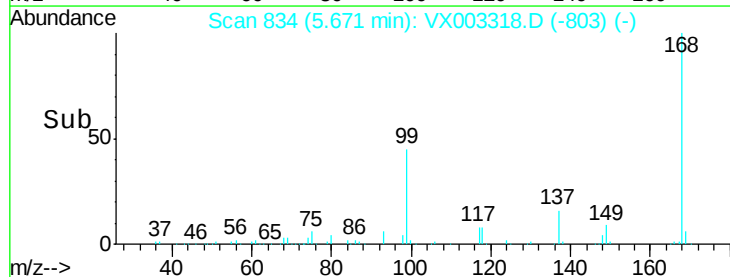
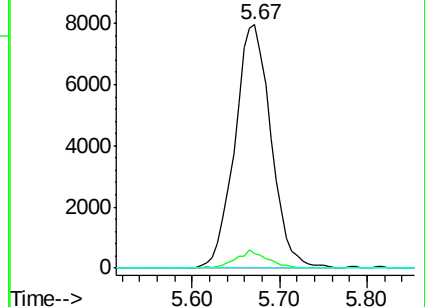
121 0.0 24.4 36.6#

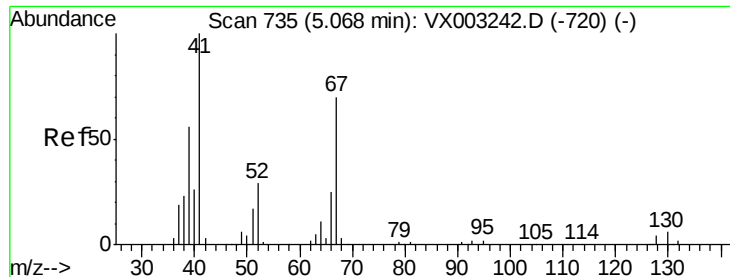


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

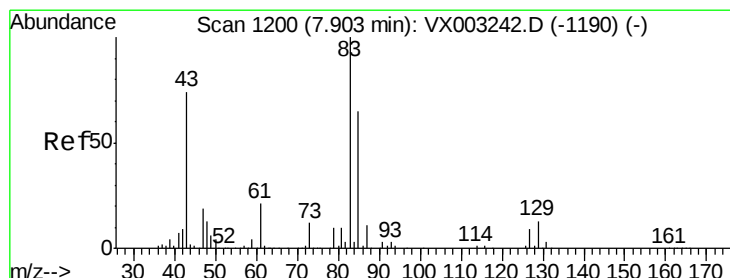
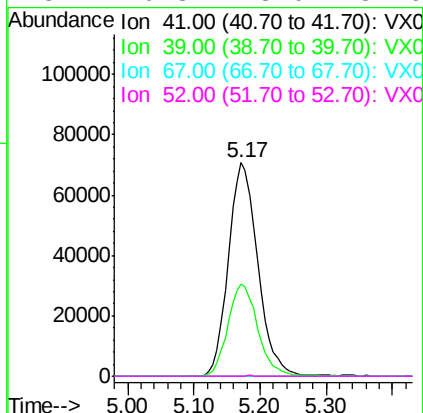
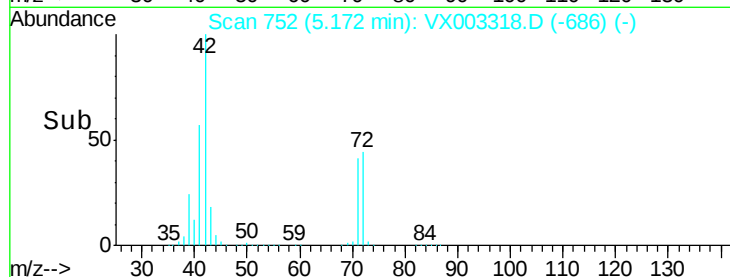
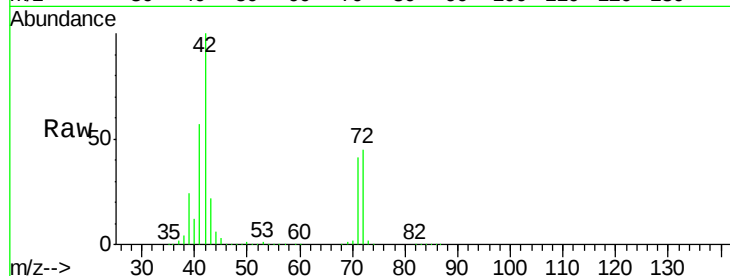




#41
Methacrylonitrile
Concen: 70.27 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.10 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

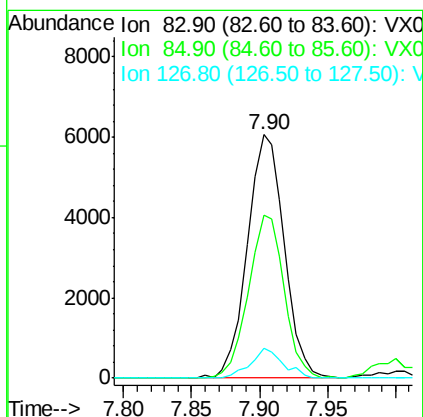
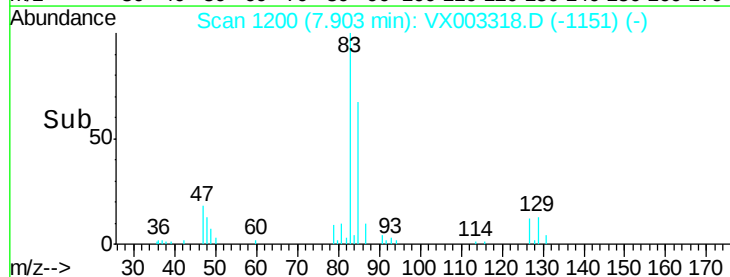
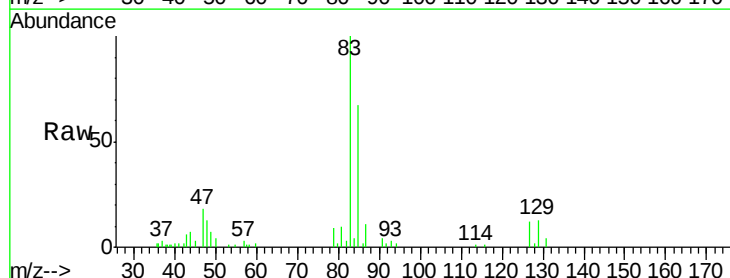
Instrument :
MSVOA_X
ClientSampled :
VB21029

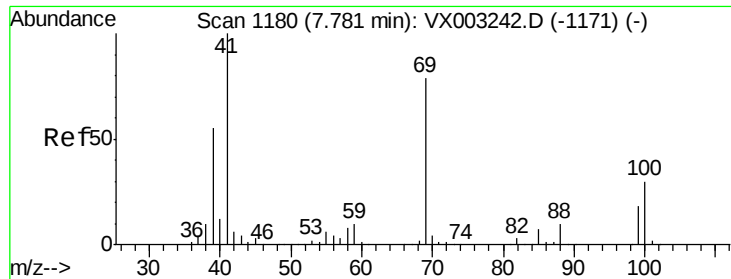
Tot Ion: 41 Resp: 217423
Ion Ratio Lower Upper
41 100
39 44.1 45.8 68.6#
67 0.0 51.3 76.9#
52 0.3 23.0 34.6#



#47
Bromodichloromethane
Concen: 2.31 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion: 83 Resp: 11518
Ion Ratio Lower Upper
83 100
85 67.1 50.3 75.5
127 12.0 7.0 10.4#

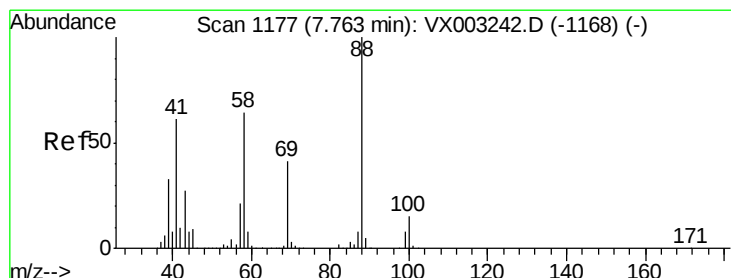
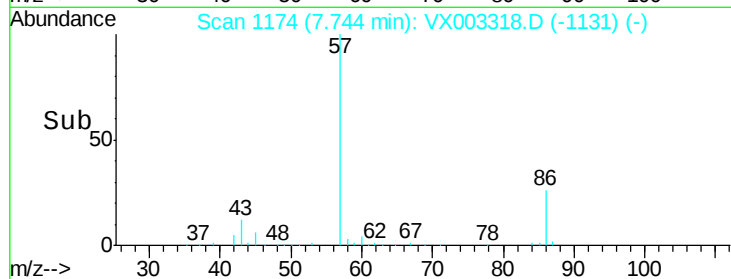
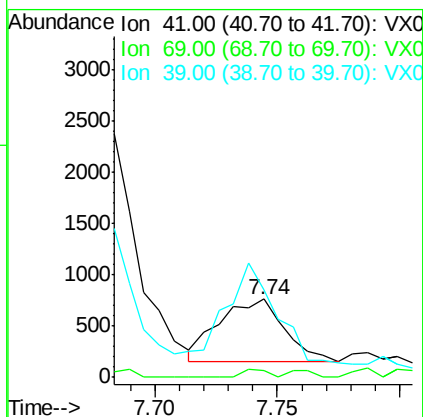
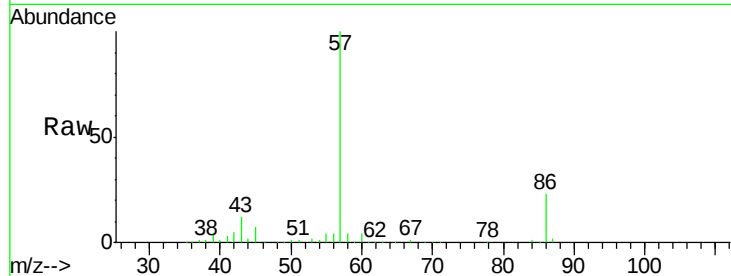




#48
Methyl methacrylate
Concen: 0.25 ug/l
RT: 7.74 min Scan# 1174
Delta R.T. -0.04 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

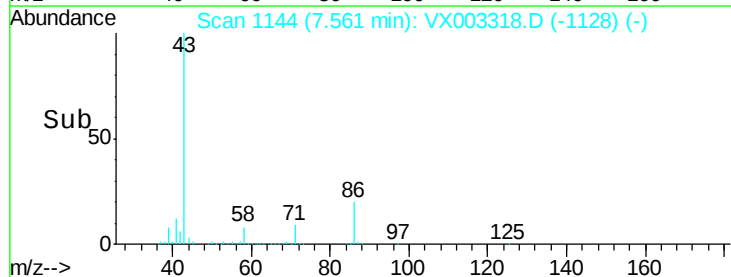
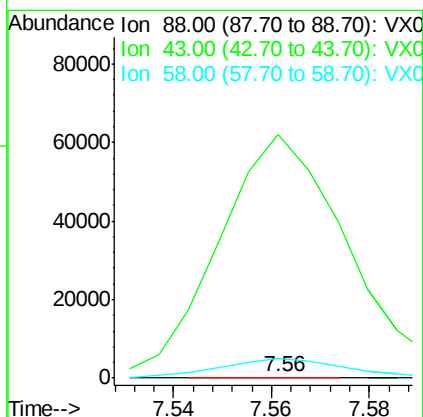
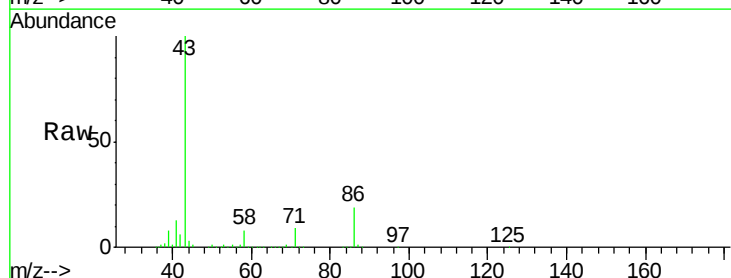
Instrument :
MSVOA_X
ClientSampled :
VB21029

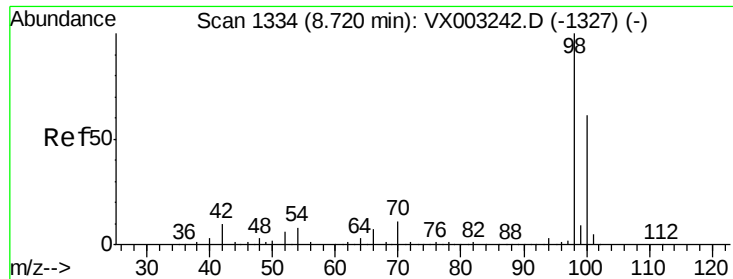
Tot Ion: 41 Resp: 1145
Ion Ratio Lower Upper
41 100
69 4.5 59.1 88.7#
39 128.9 48.9 73.3#



#49
1,4-Dioxane
Concen: 1.26 ug/l
RT: 7.56 min Scan# 1144
Delta R.T. -0.20 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
43 96426.7 29.8 44.6#
58 7306.7 57.1 85.7#





#50

Toluene-d8

Concen: 37.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

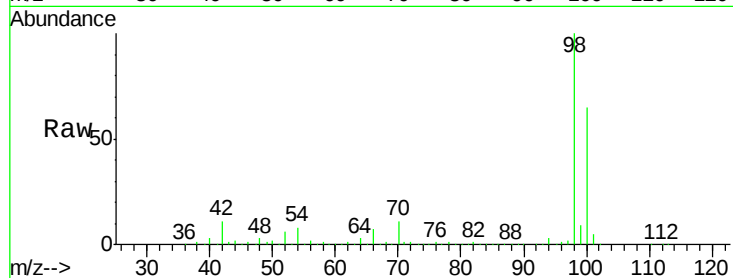
VB21029

Tot Ion: 98 Resp: 514611

Ion Ratio Lower Upper

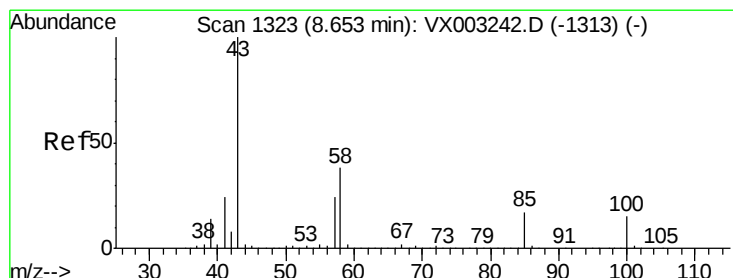
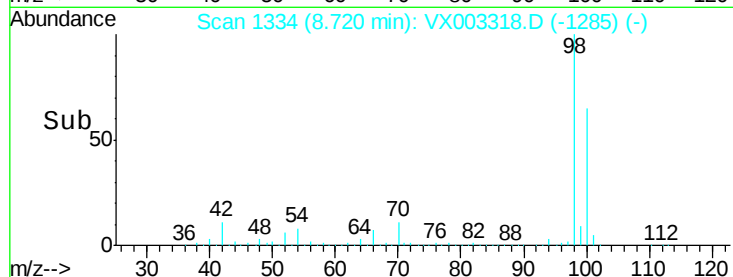
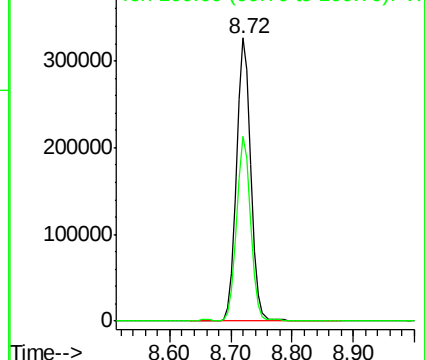
98 100

100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 4.22 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX003318.D

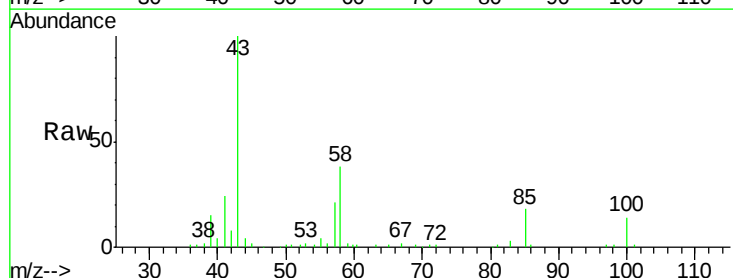
Acq: 11 Jul 2018 07:17

Tgt Ion: 43 Resp: 23298

Ion Ratio Lower Upper

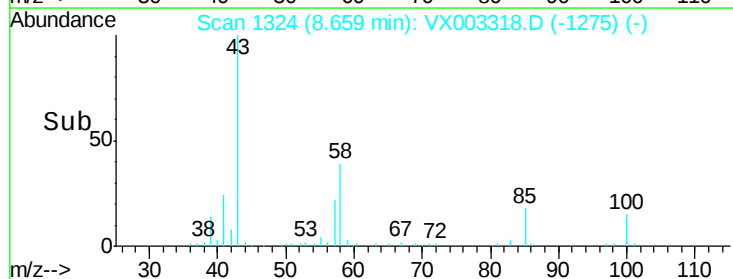
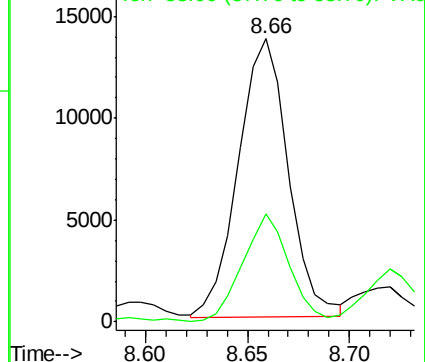
43 100

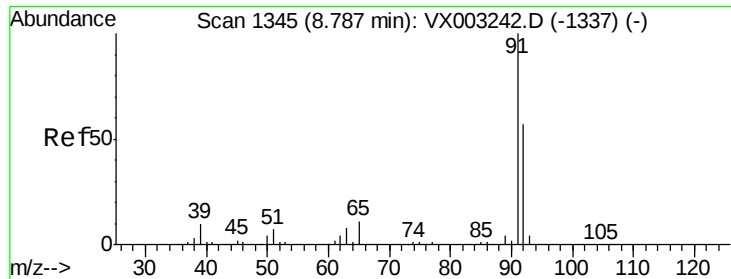
58 35.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 560.09 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

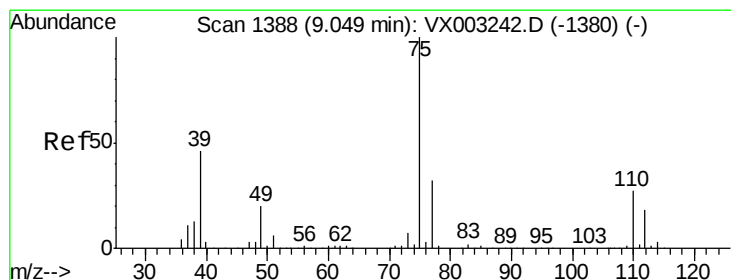
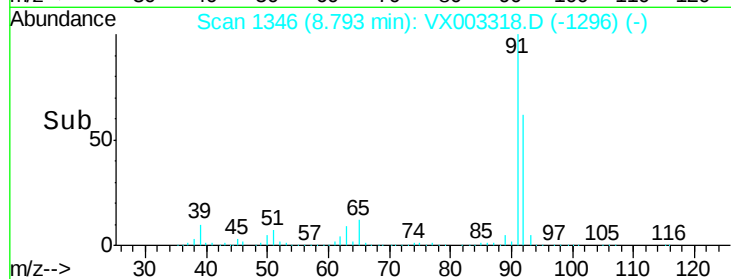
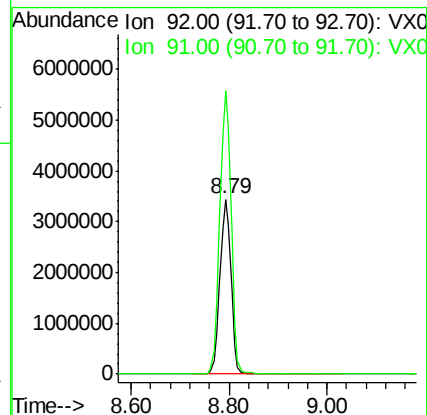
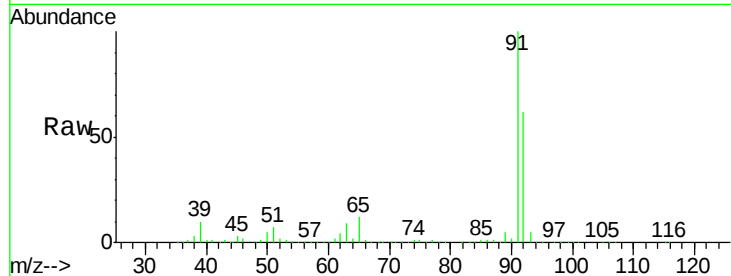
VB21029

Tot Ion: 92 Resp: 5409112

Ion Ratio Lower Upper

92 100

91 166.4 140.4 210.6



#54

cis-1,3-Dichloropropene

Concen: 11.76 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.25 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

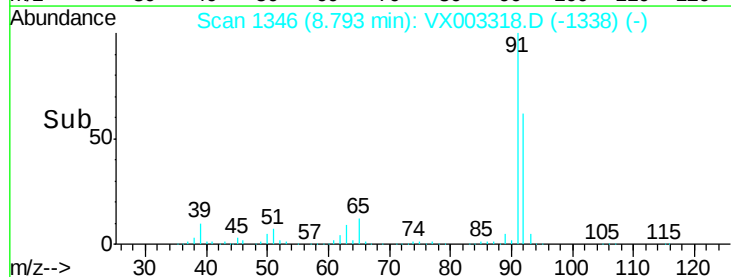
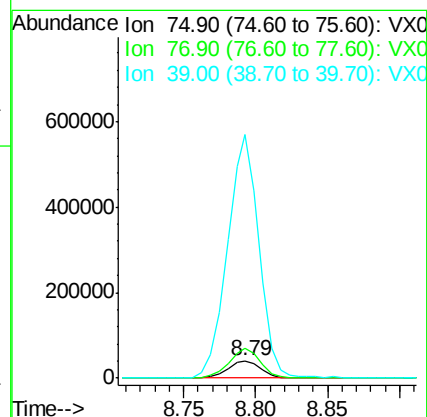
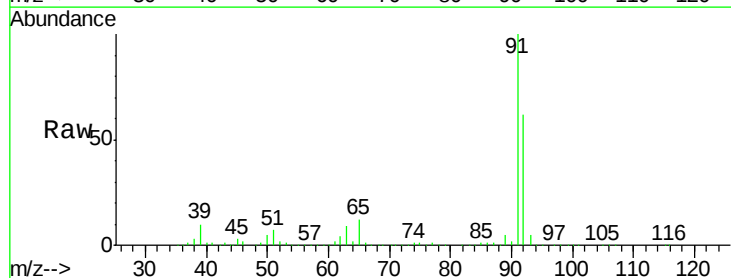
Tgt Ion: 75 Resp: 62888

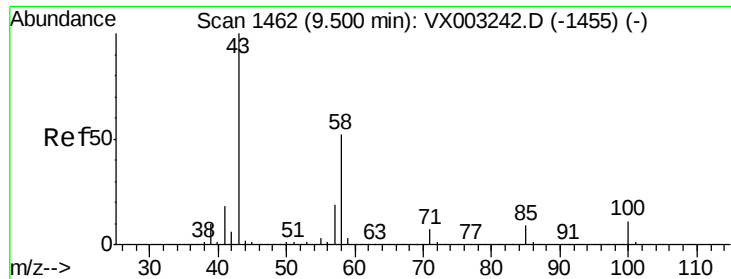
Ion Ratio Lower Upper

75 100

77 176.8 24.8 37.2#

39 1415.5 42.4 63.6#

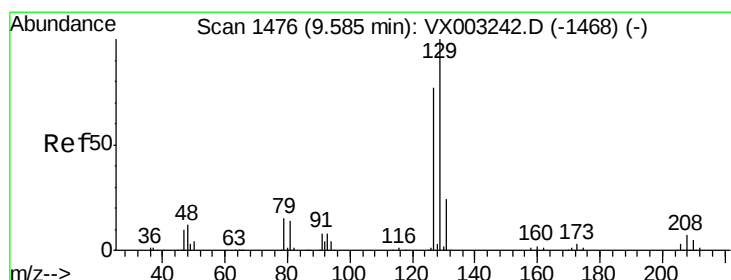
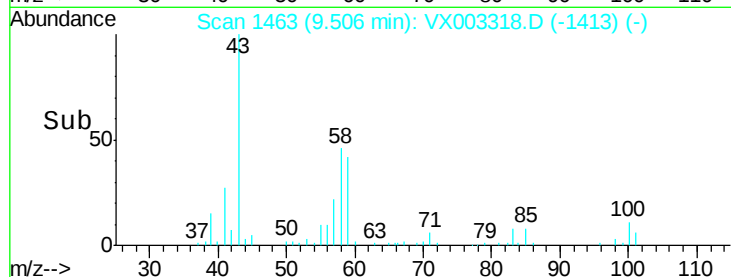
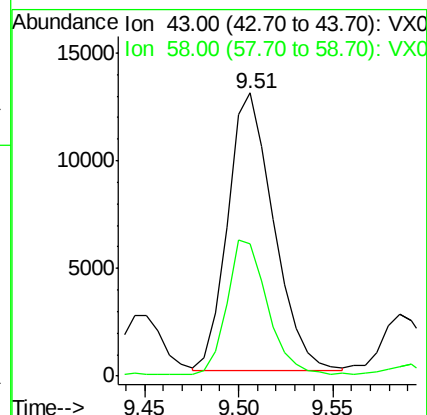
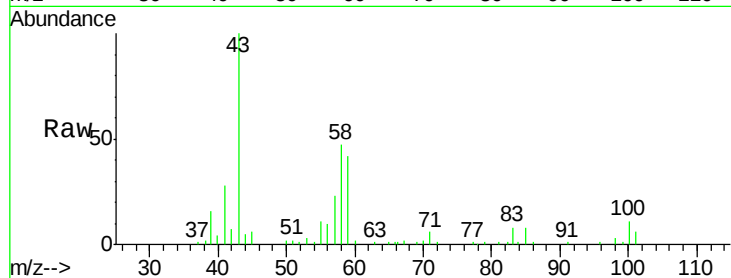




#59
2-Hexanone
Concen: 5.18 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

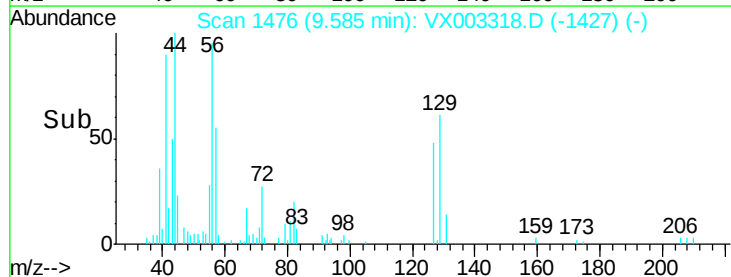
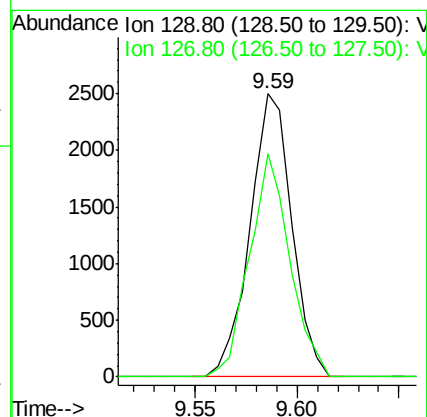
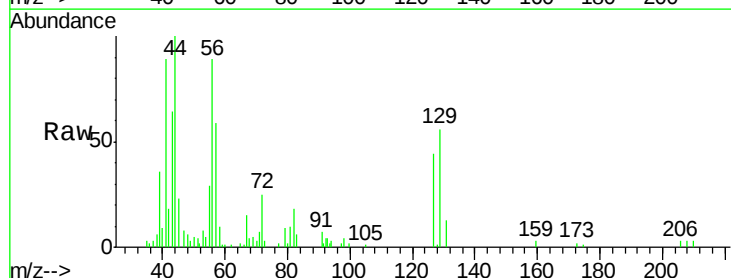
Instrument :
MSVOA_X
ClientSampled :
VB21029

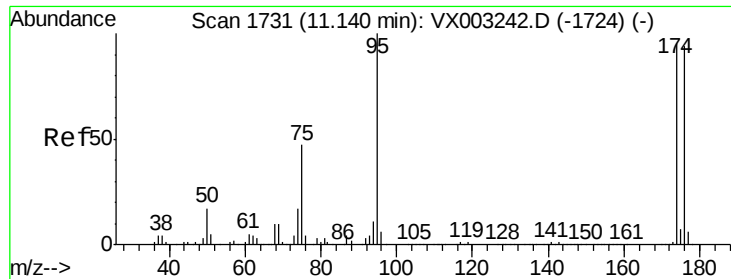
Tot Ion: 43 Resp: 21754
Ion Ratio Lower Upper
43 100
58 42.8 24.6 73.6



#60
Dibromochloromethane
Concen: 0.85 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion: 129 Resp: 3564
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#62

4-Bromofluorobenzene

Concen: 37.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

VB21029

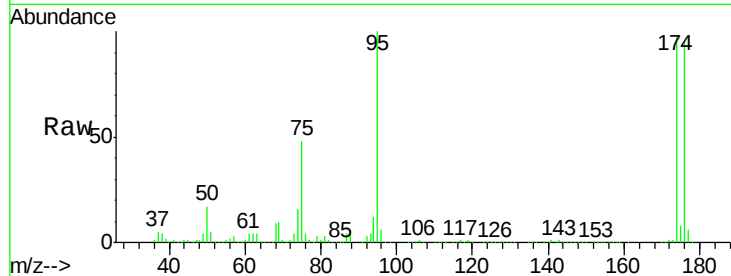
Tot Ion: 95 Resp: 192074

Ion Ratio Lower Upper

95 100

174 100.7 0.0 187.4

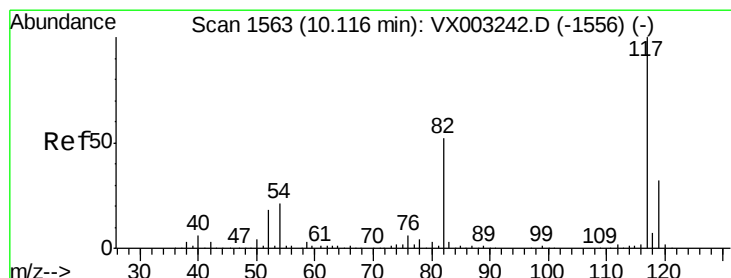
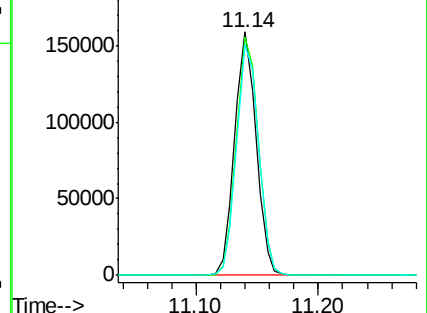
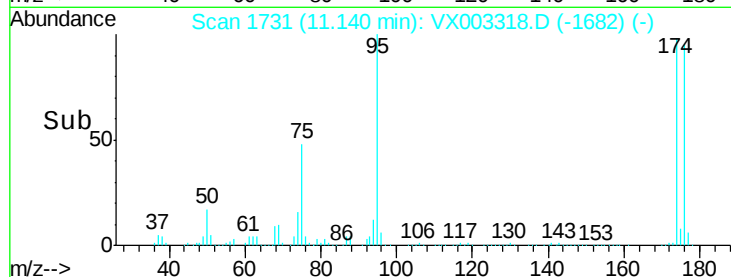
176 97.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003318.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003318.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003318.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

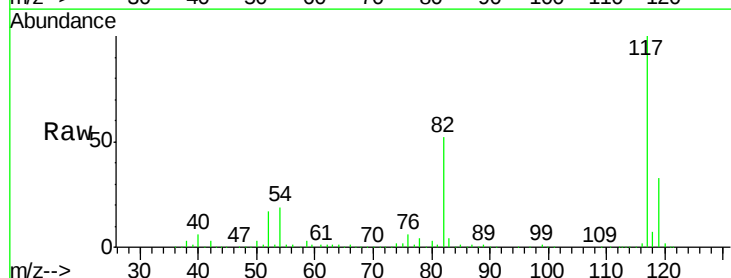
Tgt Ion: 117 Resp: 344937

Ion Ratio Lower Upper

117 100

82 52.4 45.0 67.4

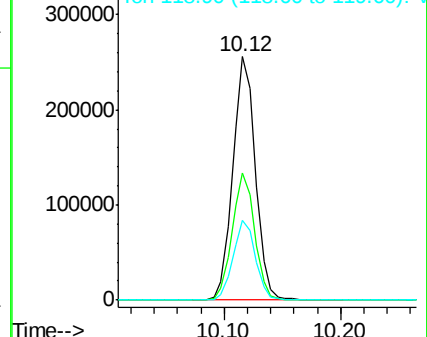
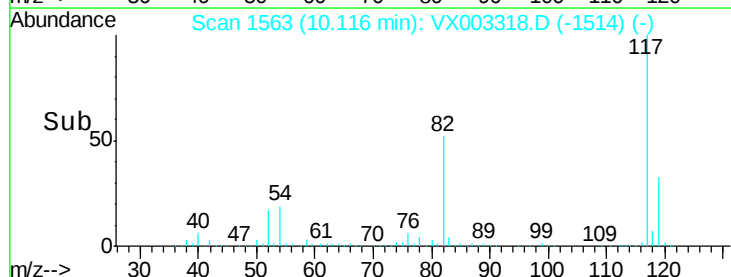
119 32.6 25.8 38.6

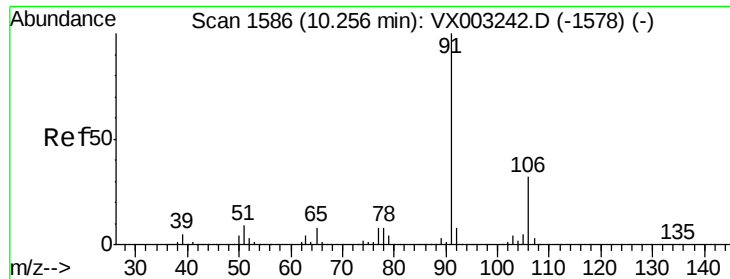


Abundance Ion 116.90 (116.60 to 117.60): VX003318.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003318.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003318.D (-1514) (-)

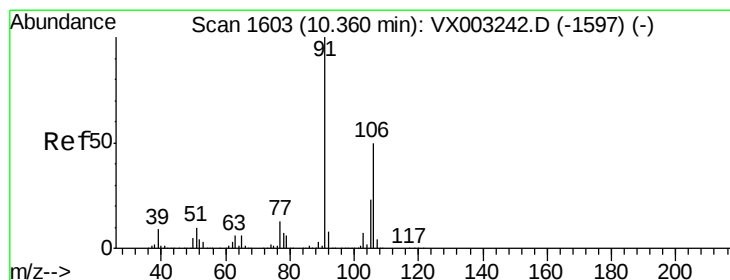
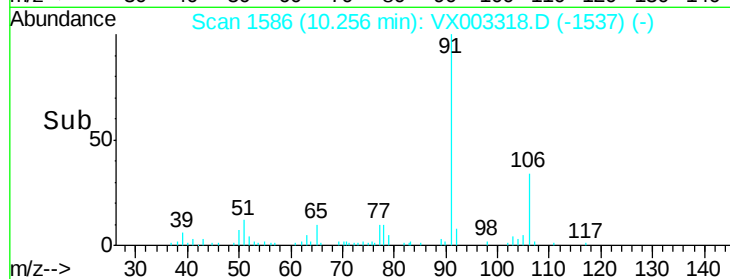
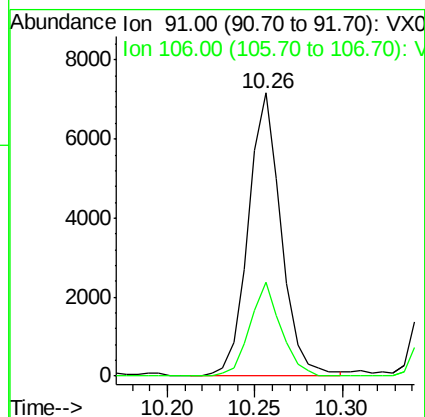
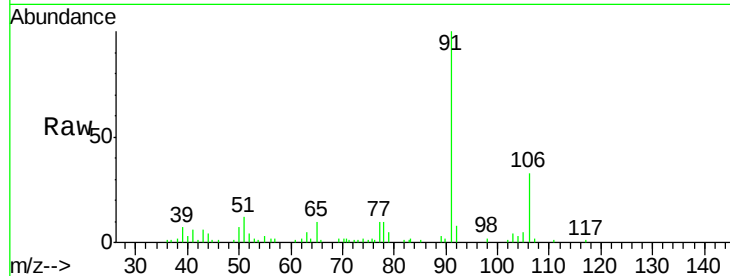




#67
Ethyl Benzene
Concen: 0.49 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

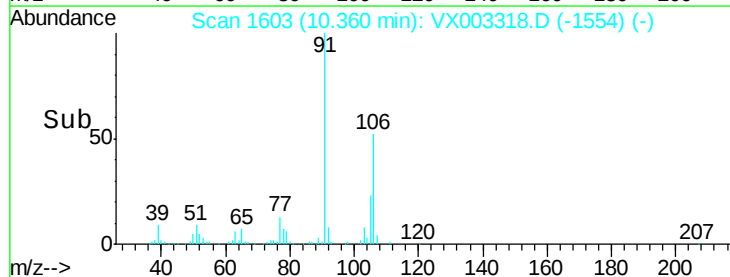
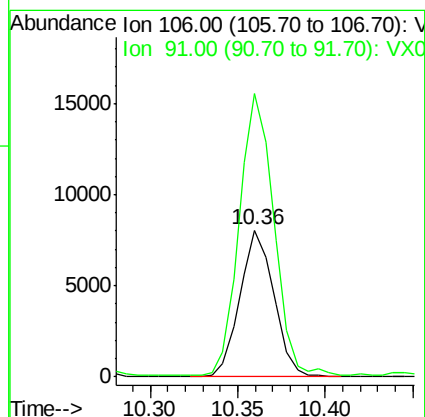
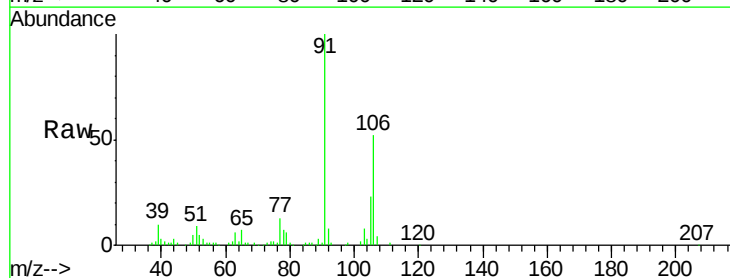
Instrument :
MSVOA_X
ClientSampleId :
VB21029

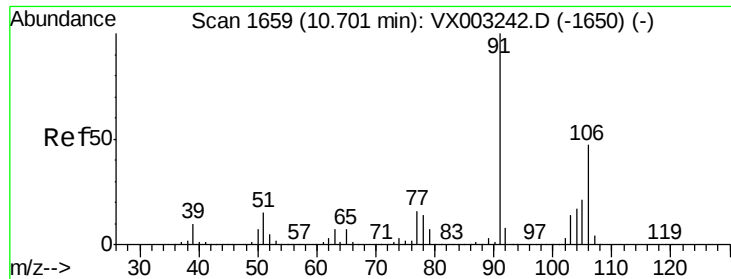
Tot Ion: 91 Resp: 9344
Ion Ratio Lower Upper
91 100
106 33.3 25.5 38.3



#68
m/p-Xylenes
Concen: 1.48 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion: 106 Resp: 10906
Ion Ratio Lower Upper
106 100
91 194.9 163.4 245.2

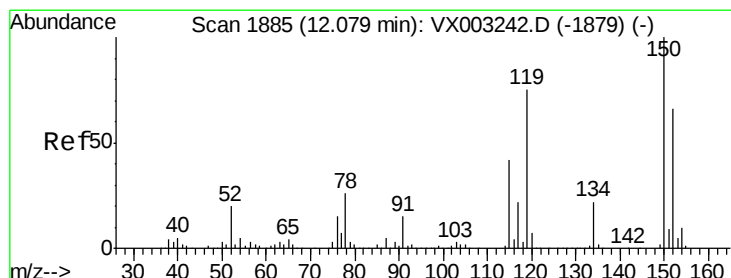
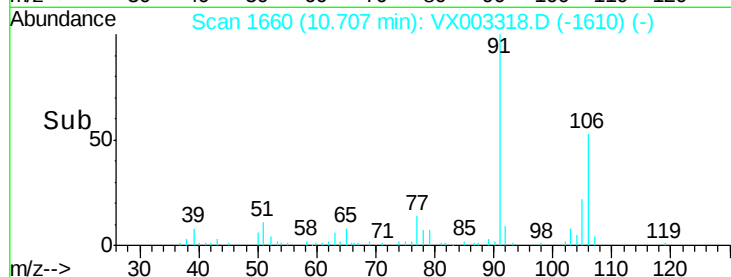
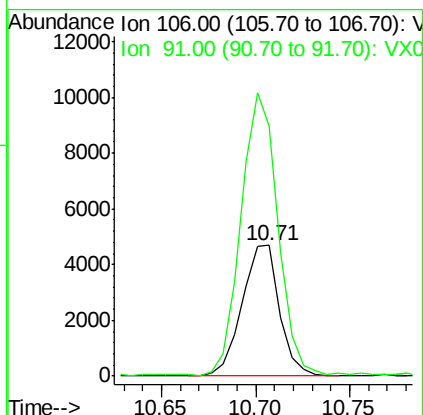
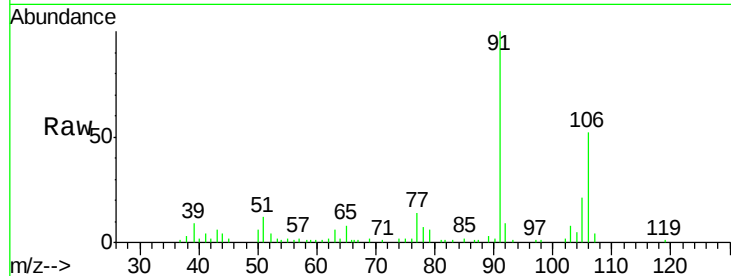




#69
o-Xylene
Concen: 0.91 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

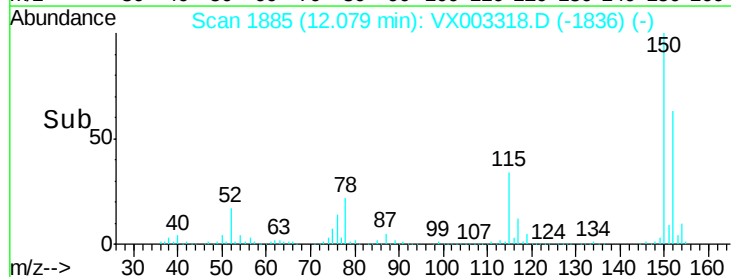
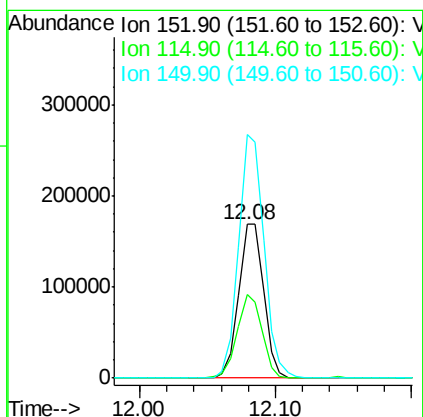
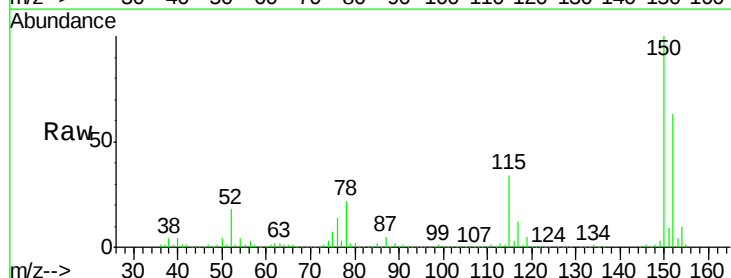
Instrument :
MSVOA_X
ClientSampled :
VB21029

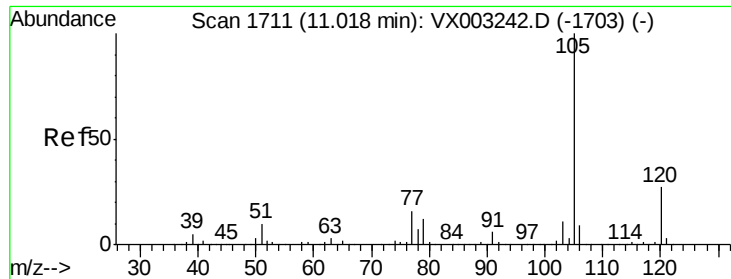
Tot Ion:106 Resp: 6469
Ion Ratio Lower Upper
106 100
91 215.0 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion:152 Resp: 216502
Ion Ratio Lower Upper
152 100
115 53.6 40.1 120.2
150 161.0 0.0 347.2





#73

Isopropylbenzene

Concen: 0.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

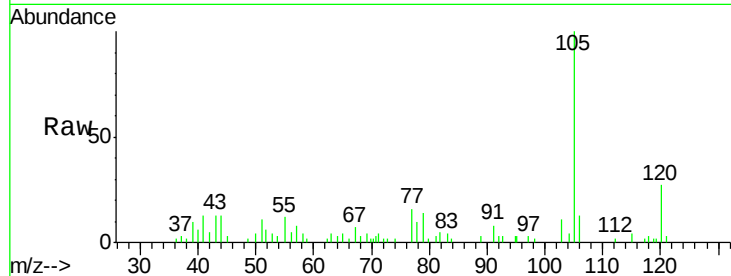
VB21029

Tot Ion:105 Resp: 4554

Ion Ratio Lower Upper

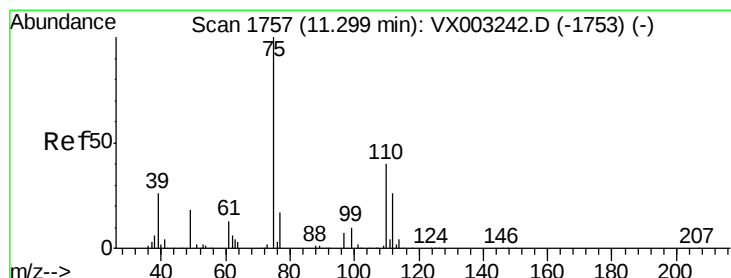
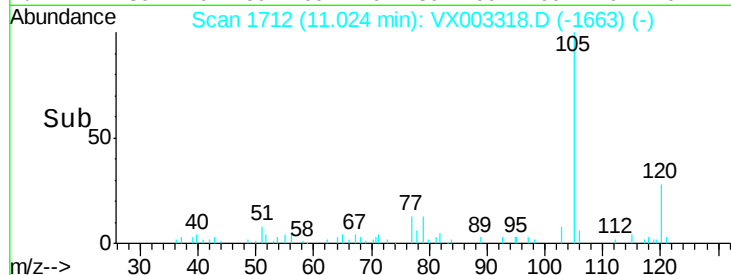
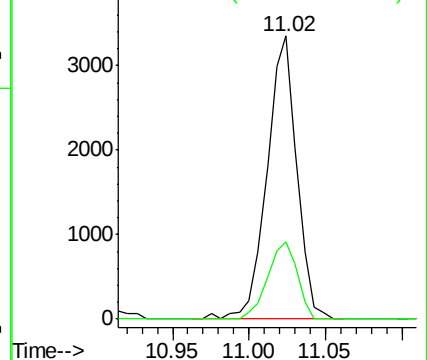
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 19.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003318.D

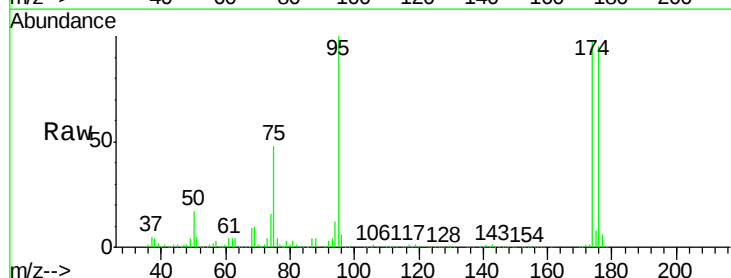
Acq: 11 Jul 2018 07:17

Tgt Ion: 75 Resp: 92224

Ion Ratio Lower Upper

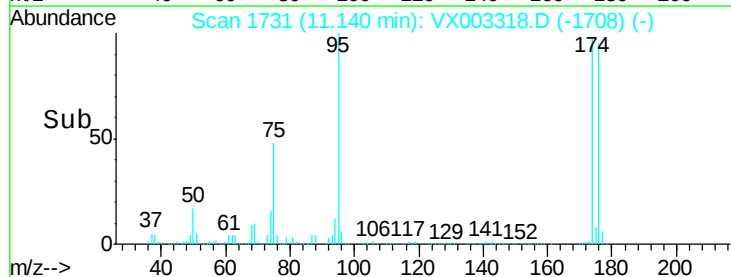
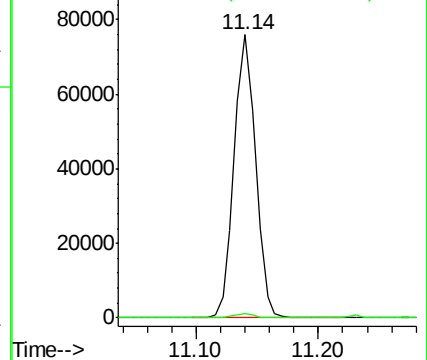
75 100

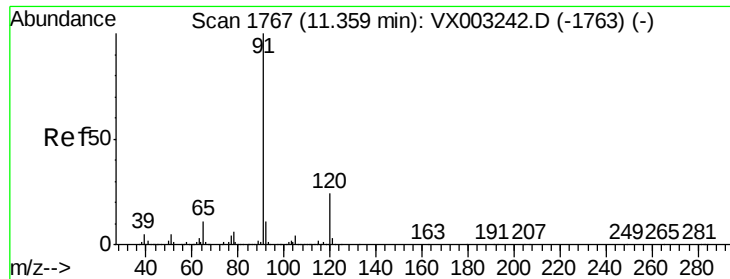
77 1.7 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

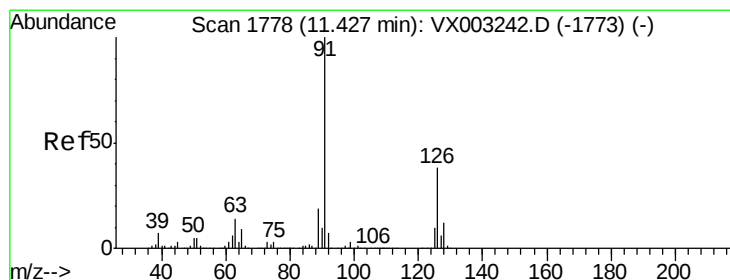
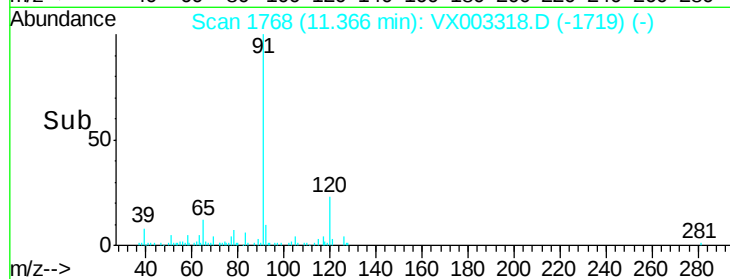
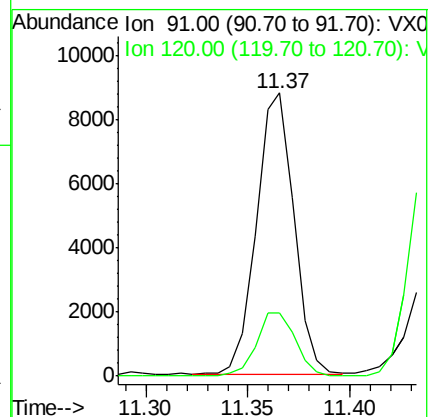
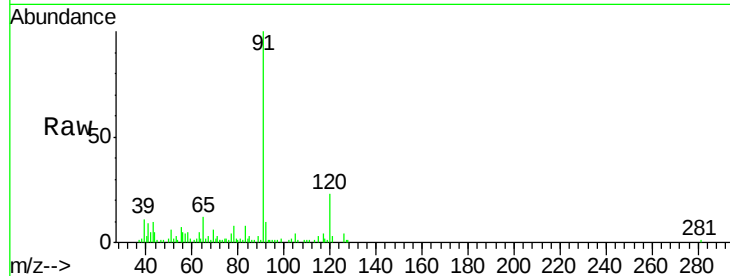
VB21029

Tot Ion: 91 Resp: 11215

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.45 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX003318.D

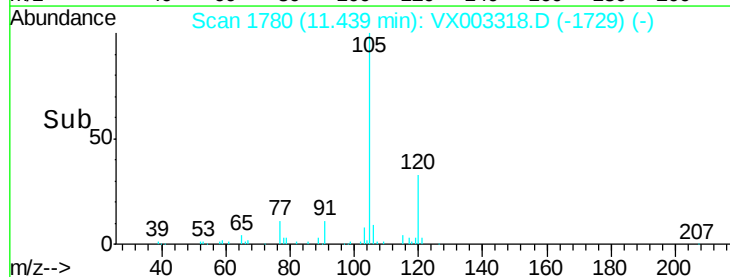
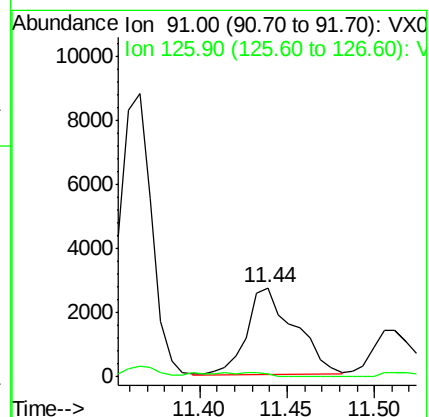
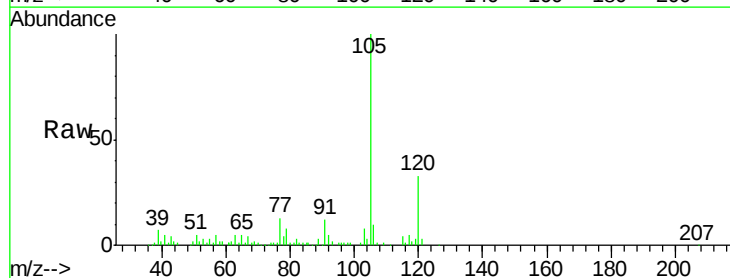
Acq: 11 Jul 2018 07:17

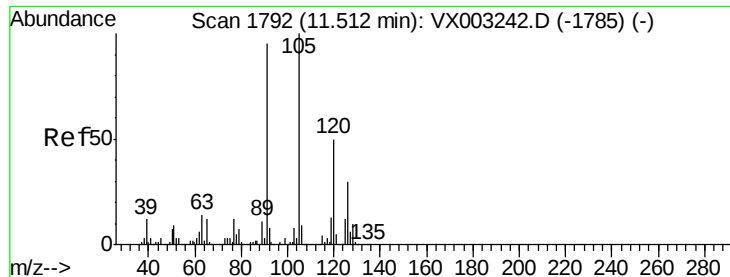
Tgt Ion: 91 Resp: 5168

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#

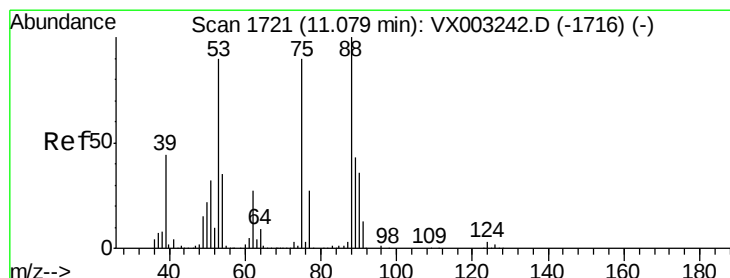
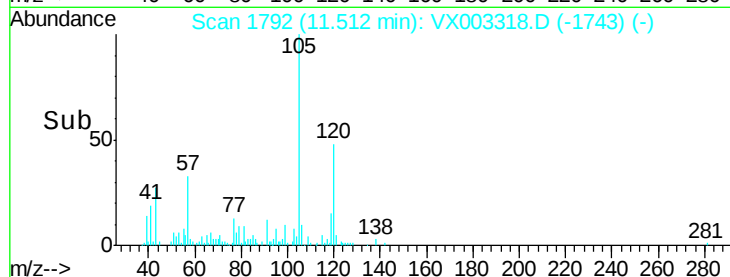
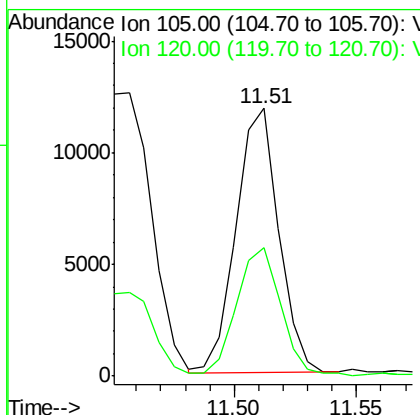
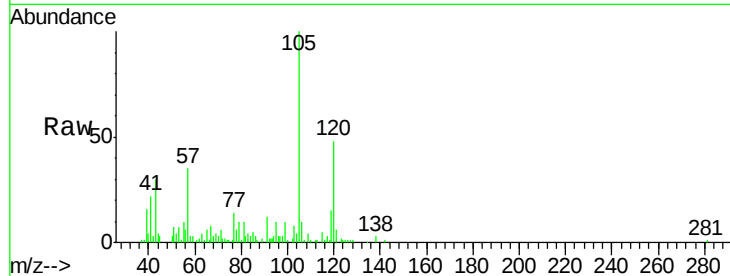




#80
 1,3,5-Trimethylbenzene
 Concen: 1.01 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003318.D
 Acq: 11 Jul 2018 07:17

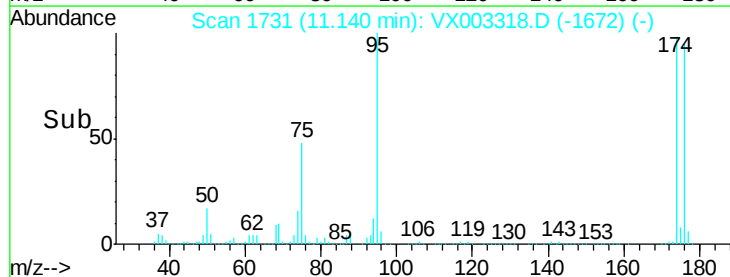
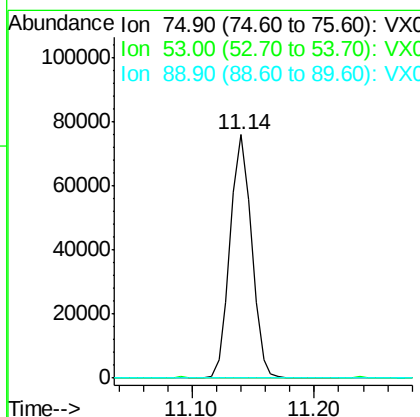
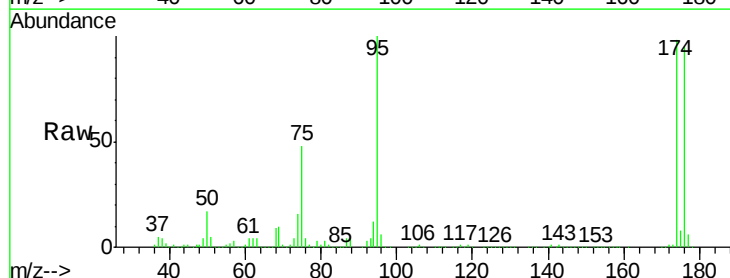
Instrument :
 MSVOA_X
 ClientSampleId :
 VB21029

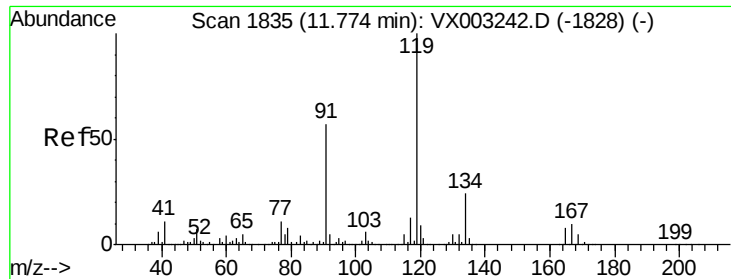
Tot Ion:105 Resp: 14360
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.42 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003318.D
 Acq: 11 Jul 2018 07:17

Tgt Ion: 75 Resp: 92224
 Ion Ratio Lower Upper
 75 100
 53 0.4 86.8 130.2#
 89 0.0 38.2 57.2#

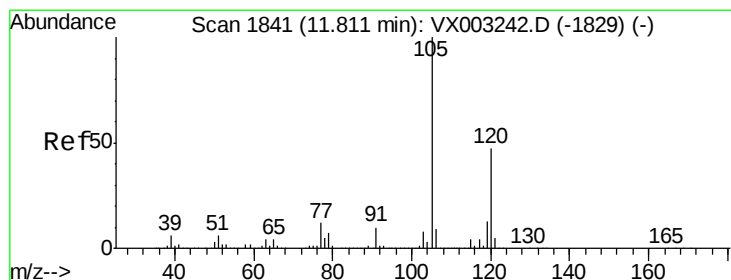
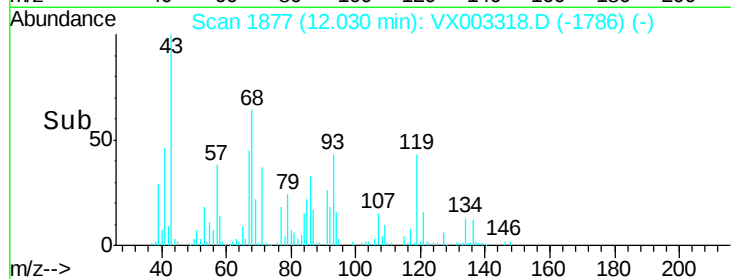
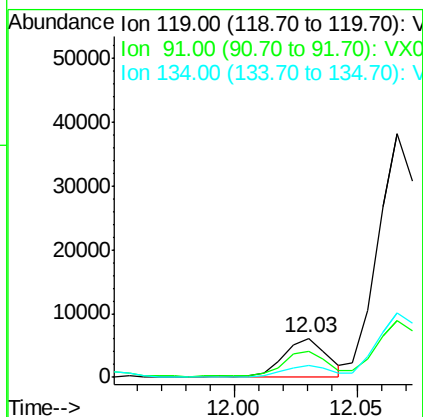
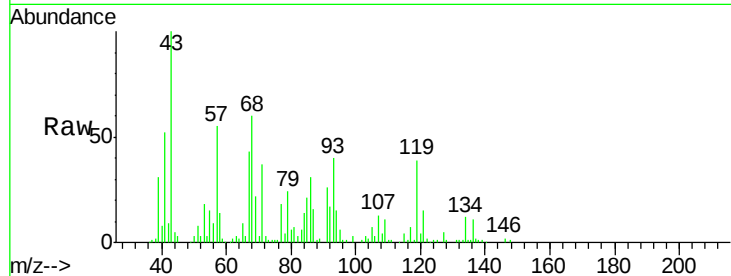




#83
tert-Butylbenzene
Concen: 0.54 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.26 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

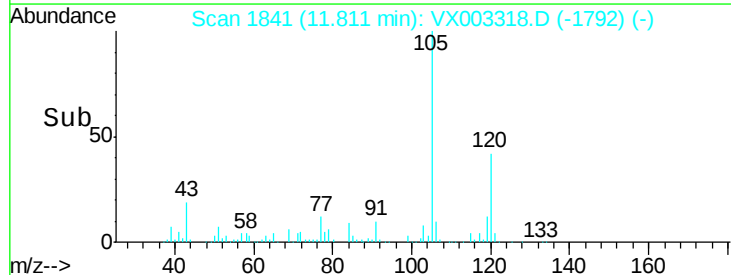
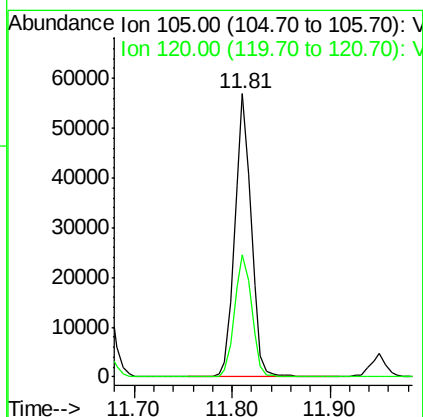
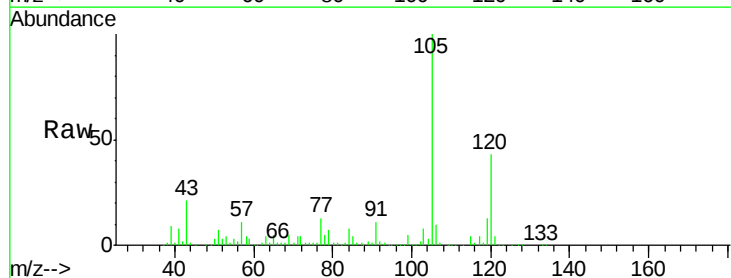
Instrument :
MSVOA_X
ClientSampled :
VB21029

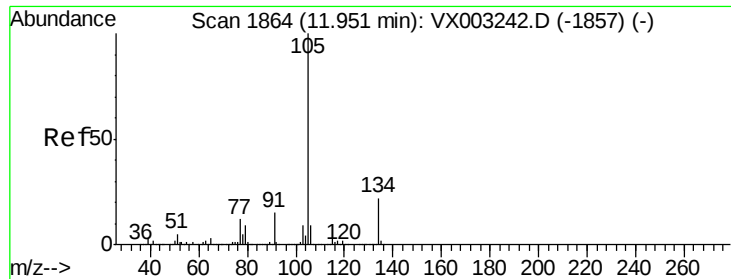
Tot Ion:119 Resp: 7645
Ion Ratio Lower Upper
119 100
91 72.9 30.3 90.9
134 30.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 4.55 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion:105 Resp: 66382
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8

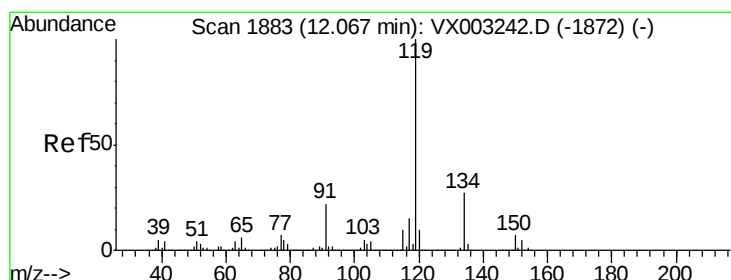
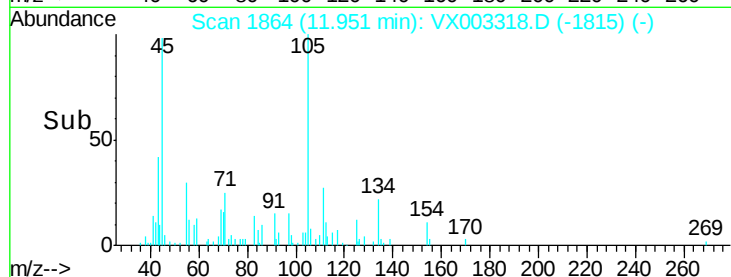
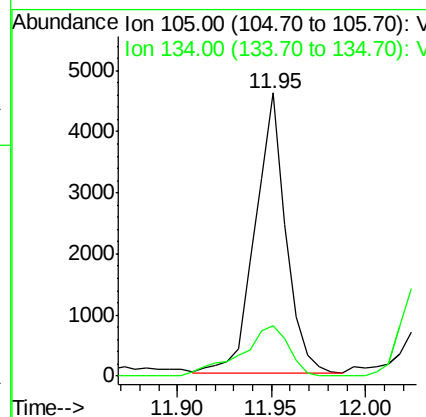
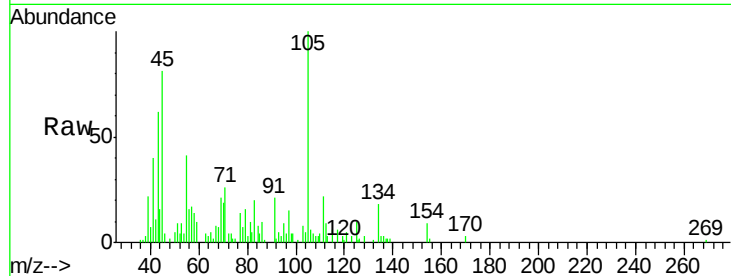




#85
 sec-Butylbenzene
 Concen: 0.31 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003318.D
 Acq: 11 Jul 2018 07:17

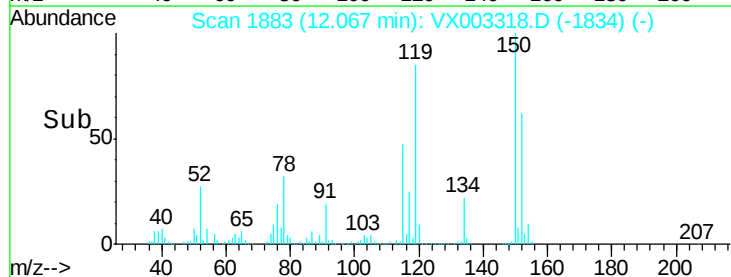
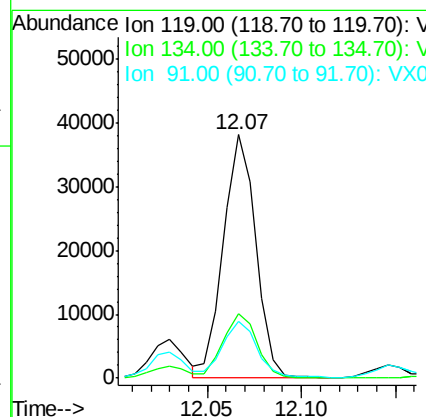
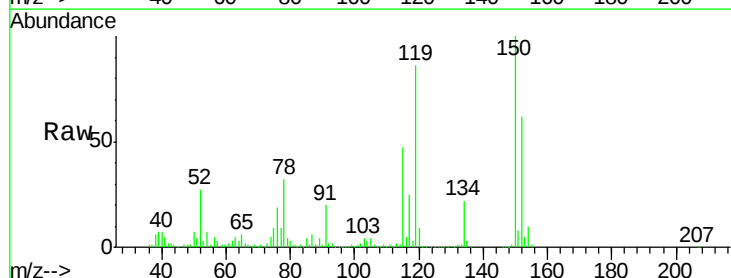
Instrument :
 MSVOA_X
 ClientSampleId :
 VB21029

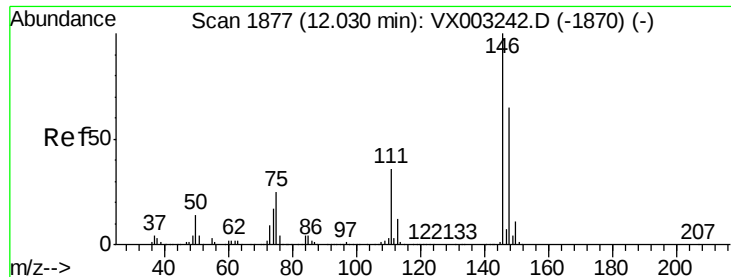
Tot Ion:105 Resp: 5197
 Ion Ratio Lower Upper
 105 100
 134 27.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 2.98 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003318.D
 Acq: 11 Jul 2018 07:17

Tgt Ion:119 Resp: 45580
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.4 40.1
 91 24.3 11.9 35.7

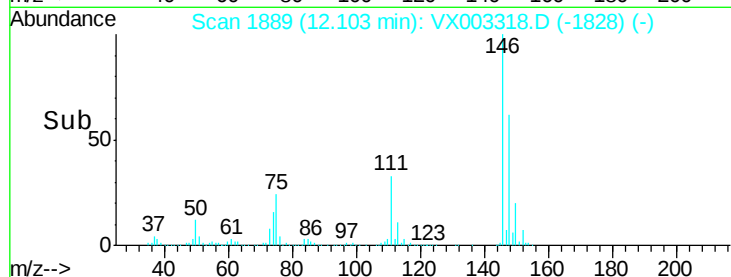
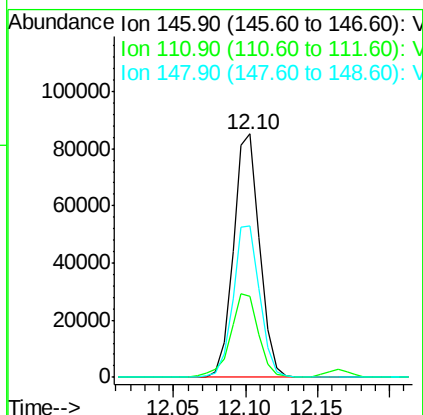
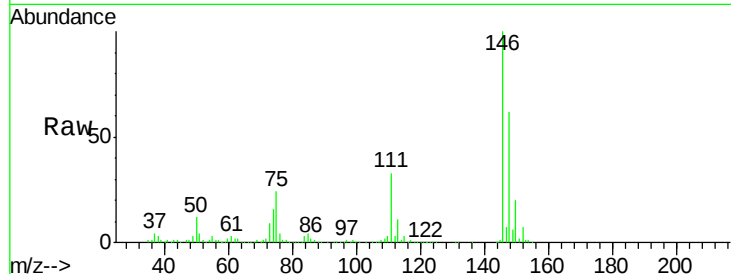




#87
 1,3-Dichlorobenzene
 Concen: 11.91 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.07 min
 Lab File: VX003318.D
 Acq: 11 Jul 2018 07:17

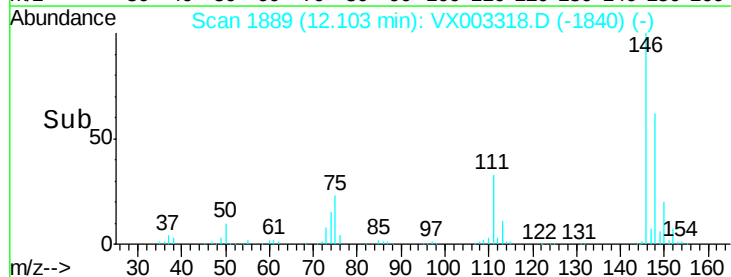
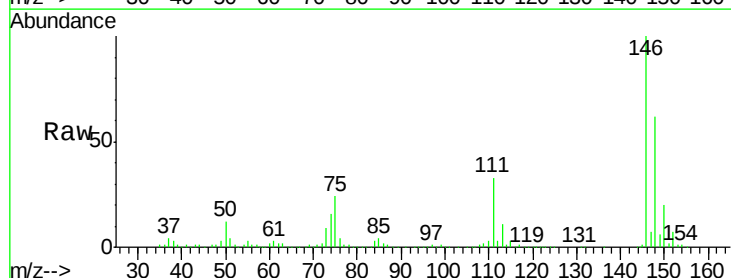
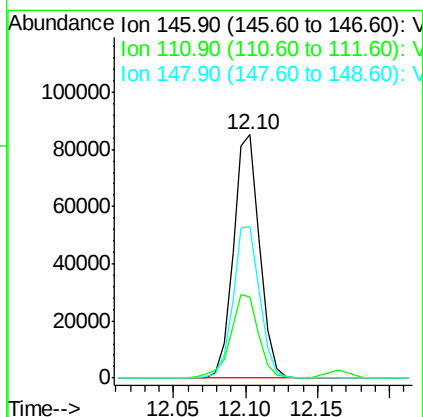
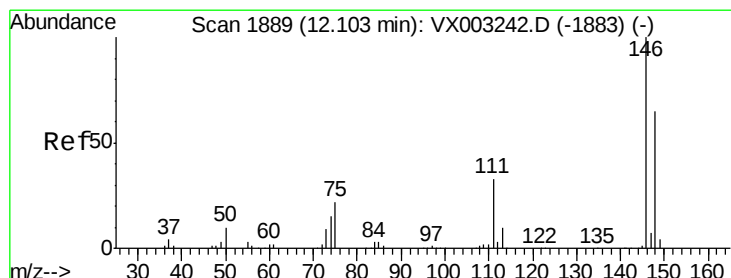
Instrument :
 MSVOA_X
 ClientSampleId :
 VB21029

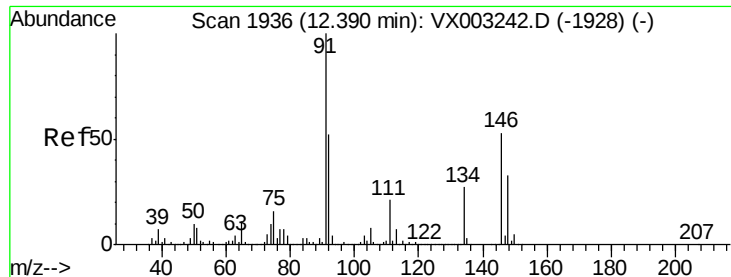
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.9	56.7
148	63.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 11.76 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003318.D
 Acq: 11 Jul 2018 07:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.7	56.1
148	63.9	32.4	97.0

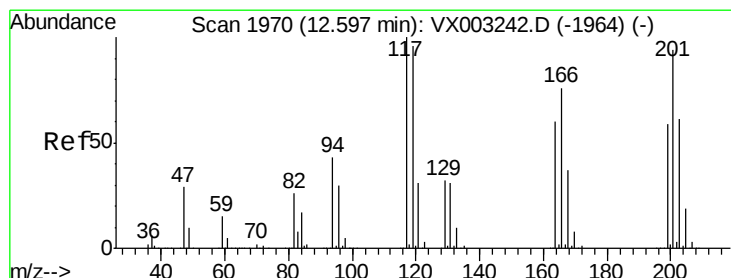
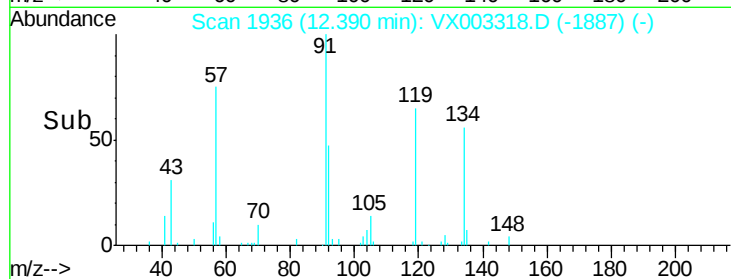
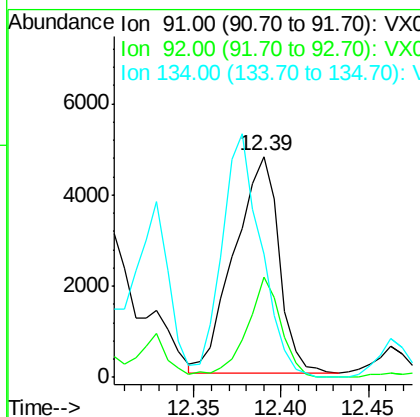
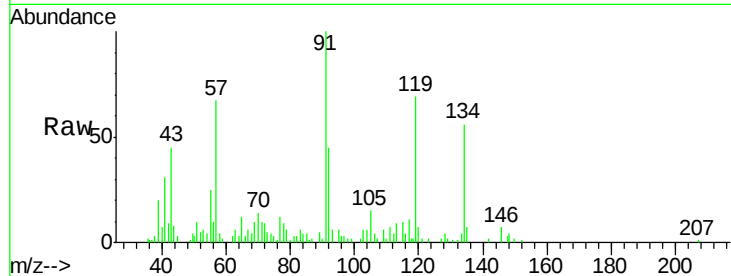




#89
n-Butylbenzene
Concen: 0.66 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

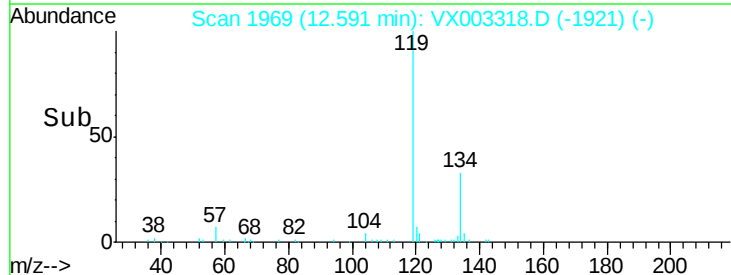
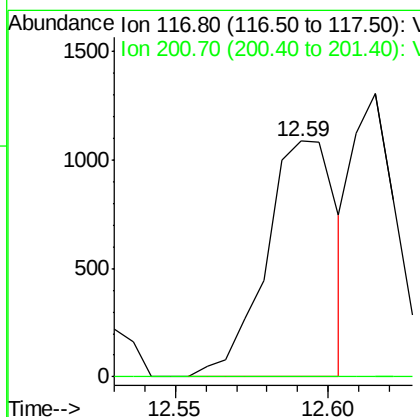
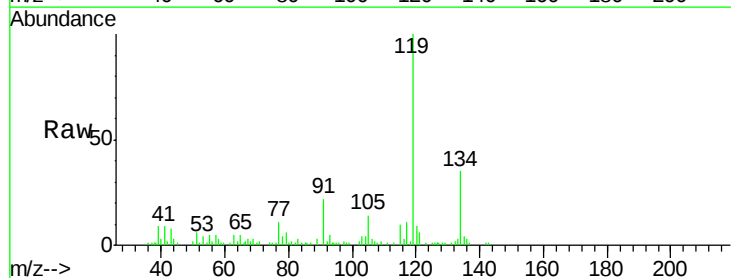
Instrument :
MSVOA_X
ClientSampled :
VB21029

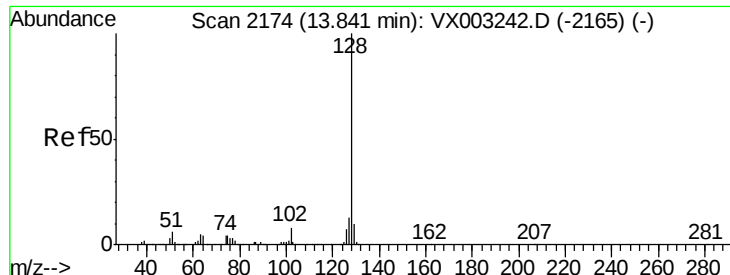
Tot Ion: 91 Resp: 8458
Ion Ratio Lower Upper
91 100
92 34.7 26.0 78.0
134 98.5 13.5 40.5#



#90
Hexachloroethane
Concen: 0.75 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003318.D
Acq: 11 Jul 2018 07:17

Tgt Ion: 117 Resp: 1742
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#95

Naphthalene

Concen: 2.73 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003318.D

Acq: 11 Jul 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

VB21029

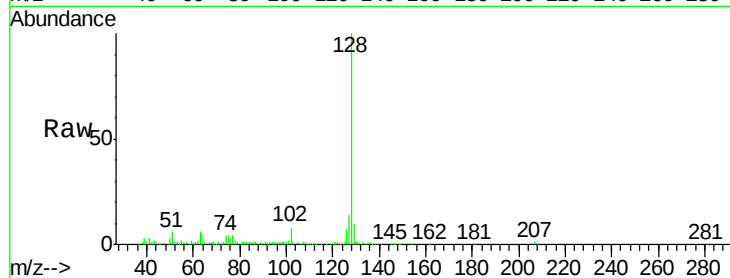
Tot Ion:128 Resp: 47210

Ion Ratio Lower Upper

128 100

127 14.6 10.4 15.6

129 12.4 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

