

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003216.D
 Acq On : 06 Jul 2018 15:12
 Operator : JC/MD
 Sample : J3894-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 06 23:41:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	51286	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	278543	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	255370	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	115455	29.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.27%
60) 4-Bromofluorobenzene	11.14	95	123243	29.22	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.40%
63) Toluene-d8	8.72	98	321704	28.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.13%

Target Compounds

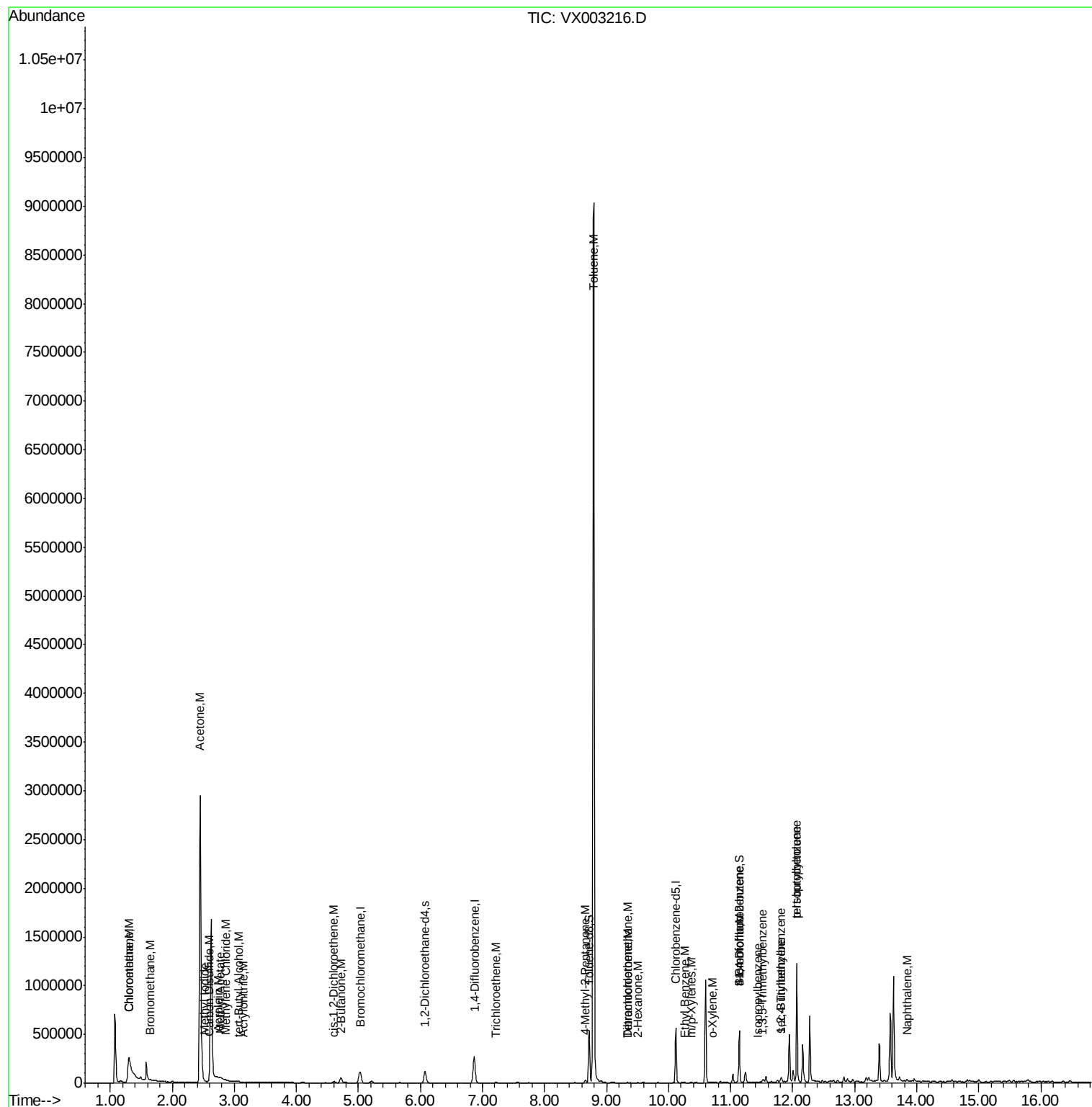
					Ovalue	
3) Chloromethane	1.29	50	8172	3.08	ug/l	# 43
5) Bromomethane	1.65	94	1651	0.95	ug/l	93
6) Chloroethane	1.30	64	769684	386.52	ug/l	# 54
11) Methyl Iodide	2.52	142	5365	1.76	ug/l	98
12) Methyl Acetate	2.78	43	4328	1.01	ug/l	96
13) Acrolein	2.75	56	68	0.22	ug/l	91
14) Acrylonitrile	3.15	53	380	0.23	ug/l	# 82
15) Acetone	2.45	58	971821	2160.52	ug/l	94
16) Carbon Disulfide	2.58	76	16352	2.46	ug/l	96
18) Methylene Chloride	2.86	84	1545	0.51	ug/l	# 84
22) cis-1,2-Dichloroethene	4.60	96	9392	3.07	ug/l	# 84
23) tert-Butyl Alcohol	3.08	59	1195	1.63	ug/l	# 97
30) 2-Butanone	4.71	43	92549	43.00	ug/l	96
37) Trichloroethene	7.22	130	2563	0.79	ug/l	81
53) Dibromochloromethane	9.34	129	684	0.22	ug/l	# 11
56) Bromoform	11.14	173	1460	0.58	ug/l	# 1
58) 4-Methyl-2-Pentanone	8.65	43	18793	4.33	ug/l	96
59) 2-Hexanone	9.51	43	1777	0.54	ug/l	91
61) Tetrachloroethene	9.34	164	927	0.26	ug/l	# 80
62) Toluene	8.79	91	5833425	473.90	ug/l	99
66) Ethyl Benzene	10.26	91	3196	0.23	ug/l	# 87
67) m/p-Xylenes	10.37	106	2223	0.41	ug/l	90
68) o-Xylene	10.70	106	1315	0.25	ug/l	83
70) Isopropylbenzene	11.44	105	4181	0.29	ug/l	92
76) 1,3,5-Trimethylbenzene	11.51	105	2459	0.20	ug/l	97
77) t-1,4-Dichloro-2-butene	11.14	75	63243	52.43	ug/l	# 11
79) tert-butylbenzene	12.07	119	525396	38.76	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	10708	0.85	ug/l	72
81) sec-Butylbenzene	11.81	105	10708	0.71	ug/l	59
82) p-Isopropyltoluene	12.07	119	525396	38.76	ug/l	98
91) Naphthalene	13.84	128	9610	0.64	ug/l	99

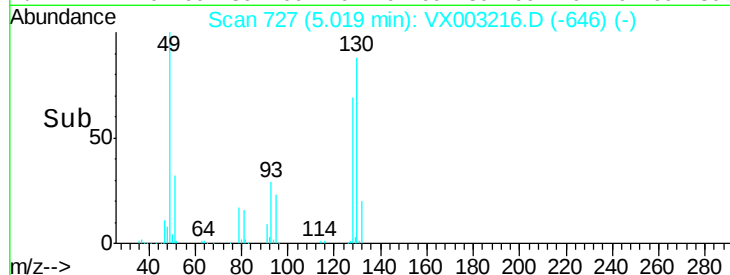
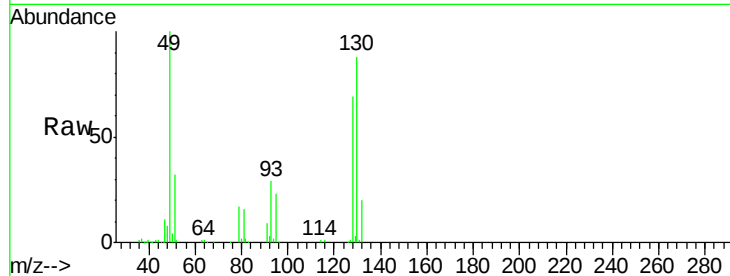
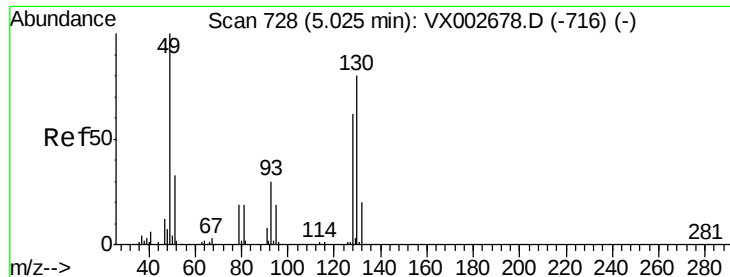
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

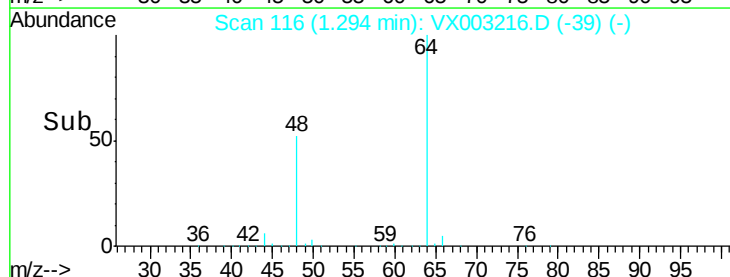
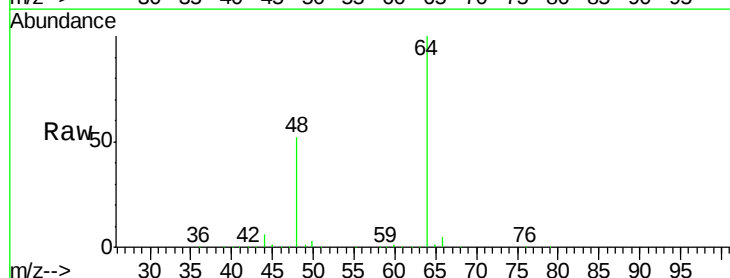
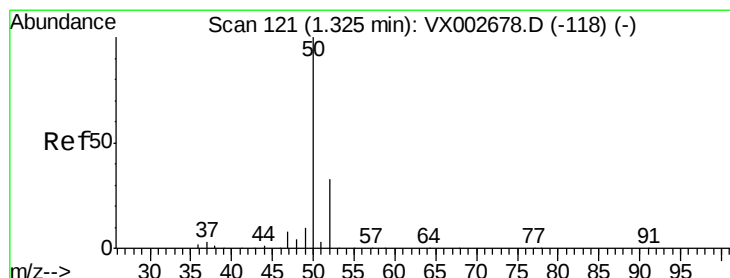
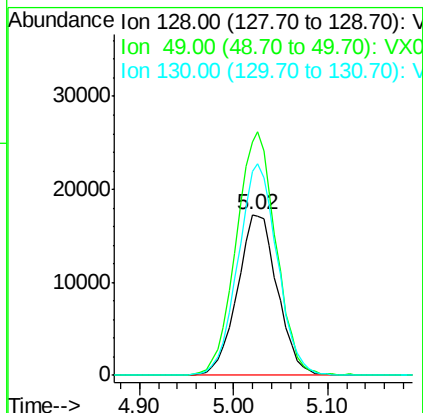
Tot Ion:128 Resp: 51286

Ion Ratio Lower Upper

128 100

49 150.1 0.0 423.0

130 129.5 0.0 324.3



#3

Chloromethane

Concen: 3.08 ug/l

RT: 1.29 min Scan# 116

Delta R.T. -0.03 min

Lab File: VX003216.D

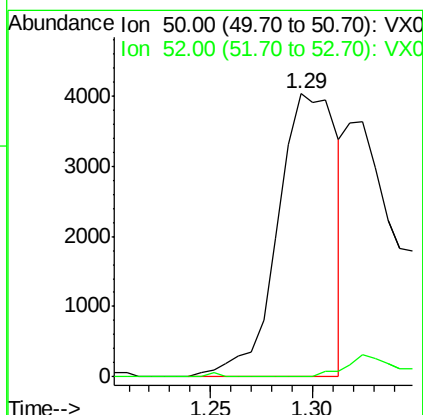
Acq: 06 Jul 2018 15:12

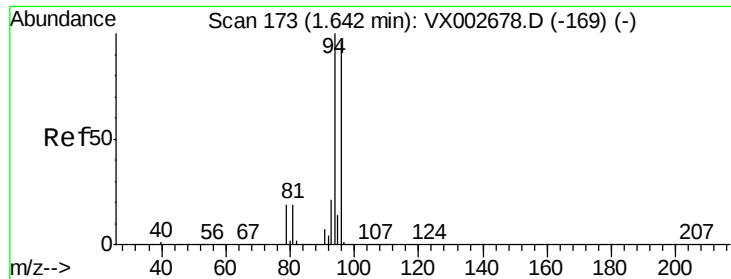
Tgt Ion: 50 Resp: 8172

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#





#5

Bromomethane

Concen: 0.95 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

Instrument :

MSVOA_X

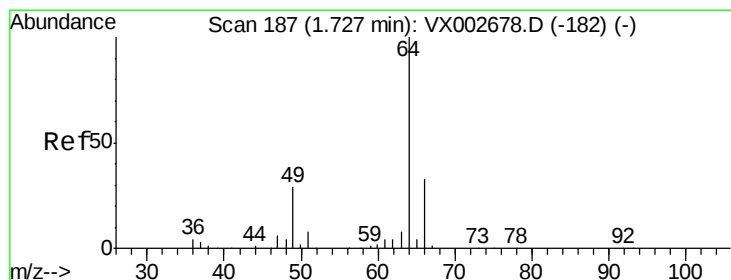
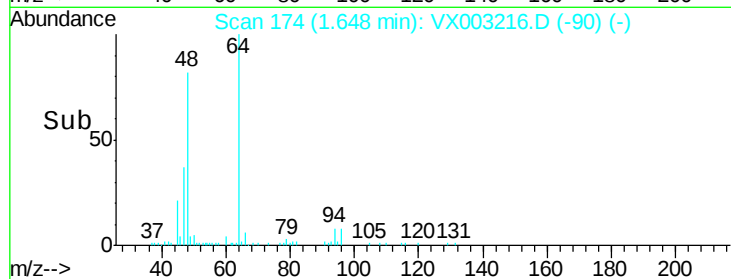
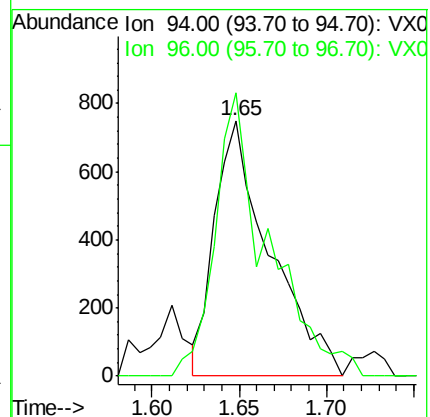
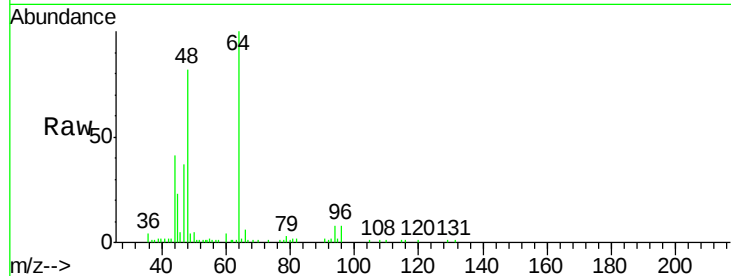
ClientSampled :

Tot Ion: 94 Resp: 1651

Ion Ratio Lower Upper

94 100

96 101.2 75.7 113.5



#6

Chloroethane

Concen: 386.52 ug/l

RT: 1.30 min Scan# 117

Delta R.T. -0.41 min

Lab File: VX003216.D

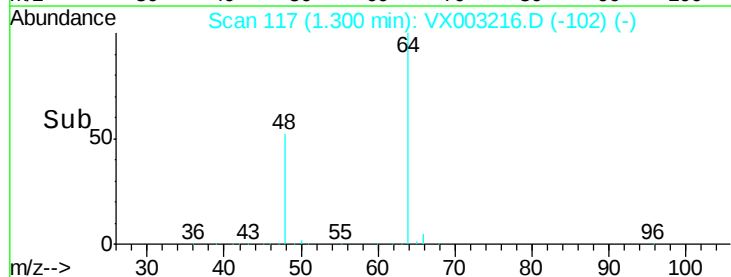
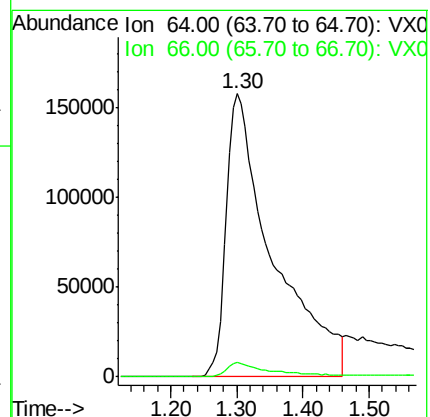
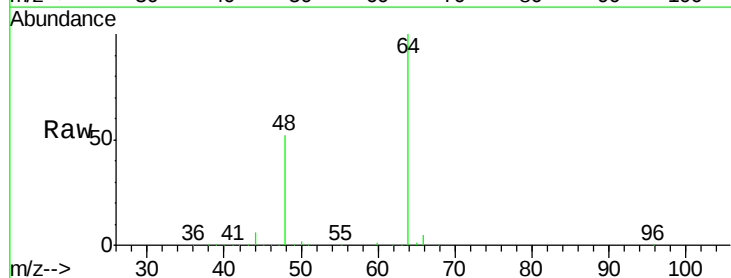
Acq: 06 Jul 2018 15:12

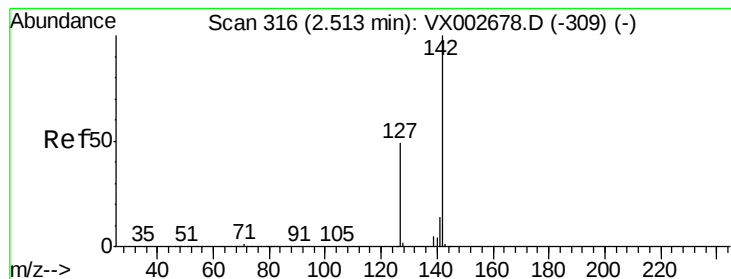
Tgt Ion: 64 Resp: 769684

Ion Ratio Lower Upper

64 100

66 5.2 24.3 36.5#





#11

Methyl Iodide

Concen: 1.76 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

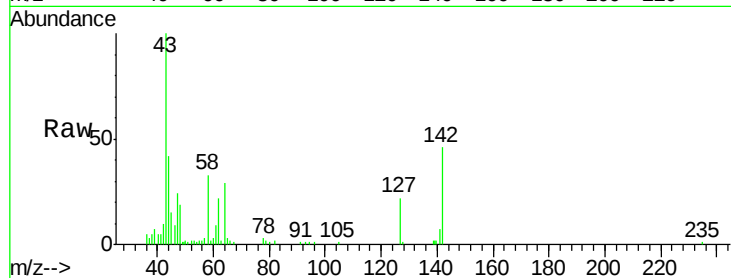
Tot Ion:142 Resp: 5365

Ion Ratio Lower Upper

142 100

127 48.1 23.2 69.6

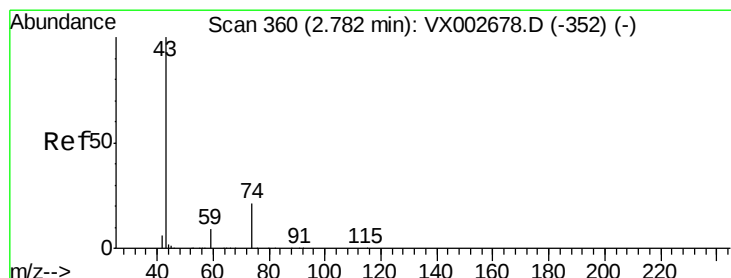
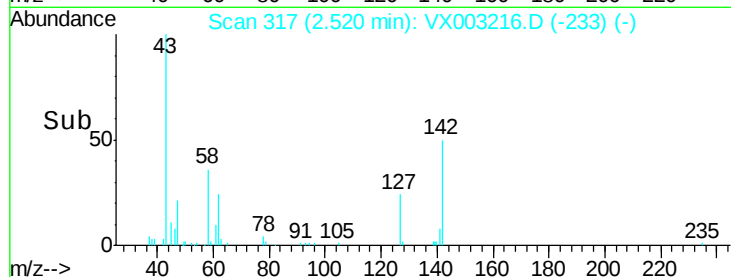
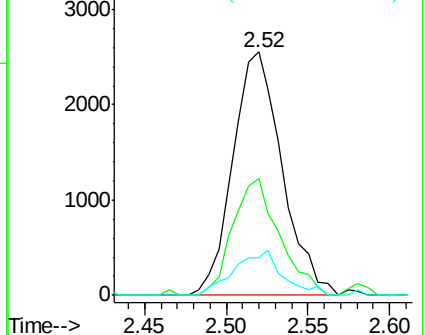
141 15.3 7.4 22.2



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 1.01 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003216.D

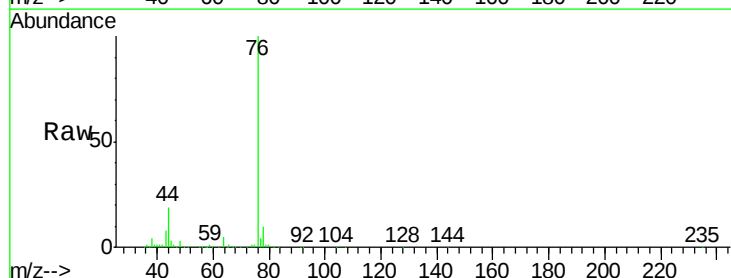
Acq: 06 Jul 2018 15:12

Tgt Ion: 43 Resp: 4328

Ion Ratio Lower Upper

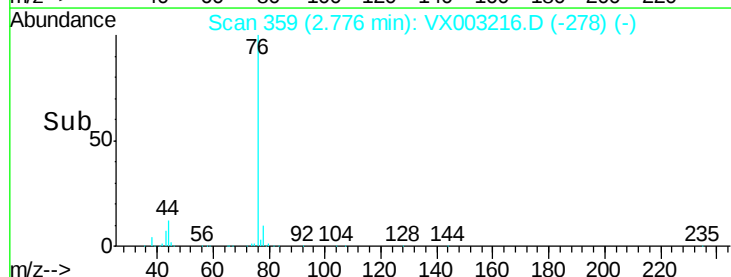
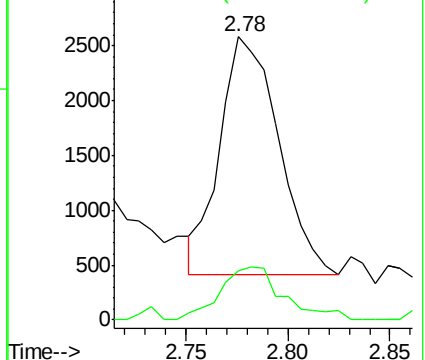
43 100

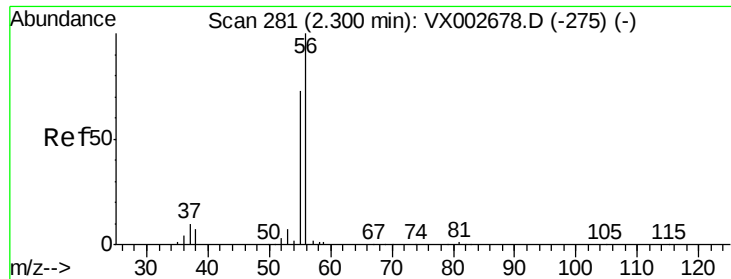
74 18.5 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 0.22 ug/l

RT: 2.75 min Scan# 354

Delta R.T. 0.44 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

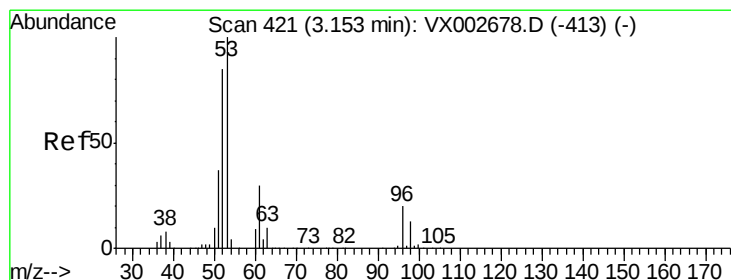
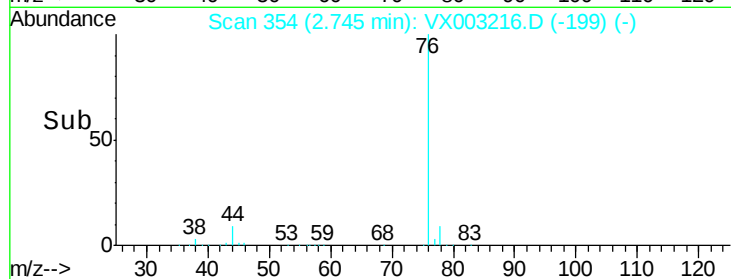
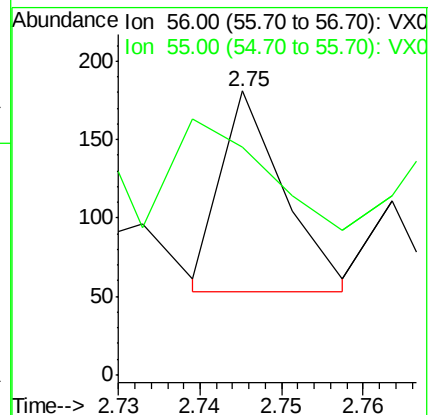
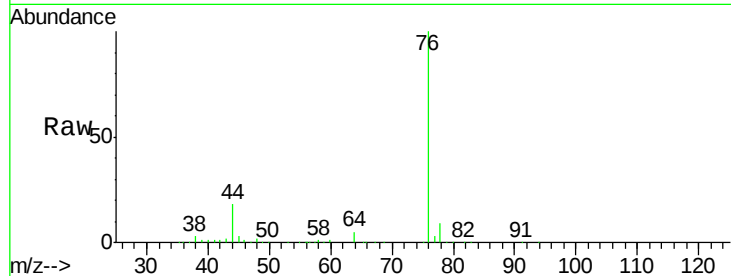
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 79.4 57.3 85.9



#14

Acrylonitrile

Concen: 0.23 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

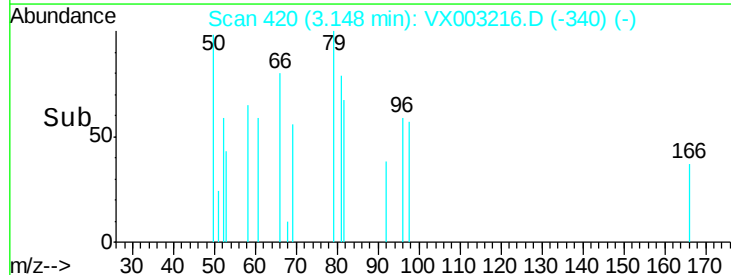
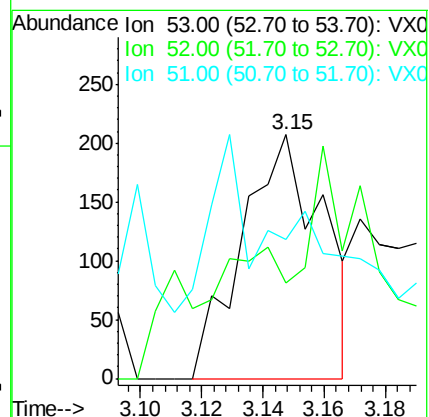
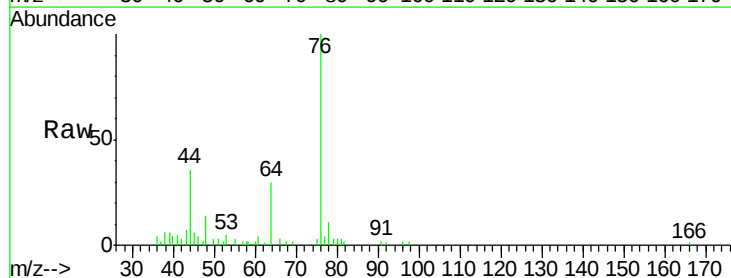
Tgt Ion: 53 Resp: 380

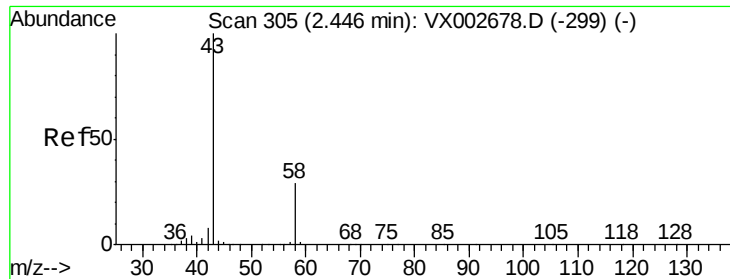
Ion Ratio Lower Upper

53 100

52 75.3 41.5 124.6

51 12.6 17.9 53.8#





#15

Acetone

Concen: 2160.52 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

Instrument :

MSVOA_X

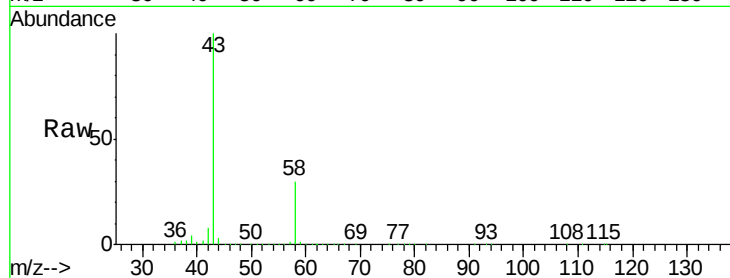
ClientSampleId :

Tot Ion: 58 Resp: 971821

Ion Ratio Lower Upper

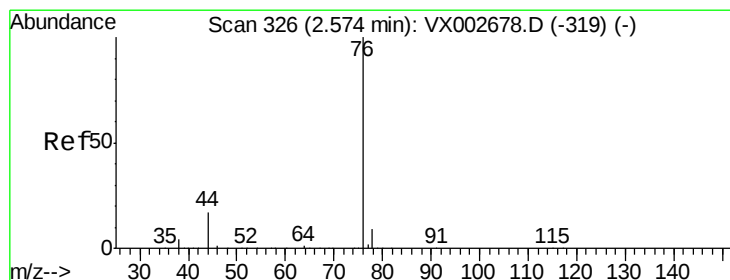
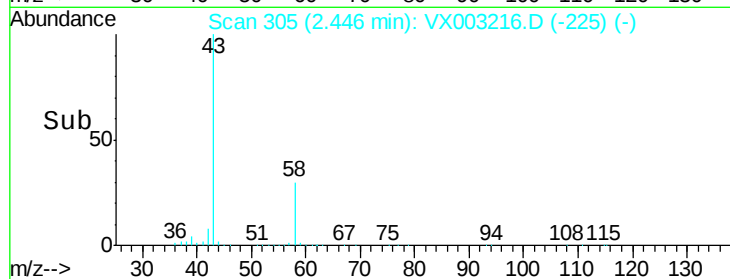
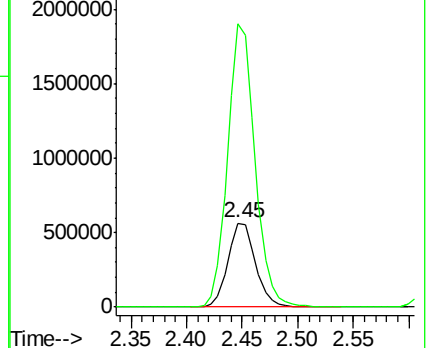
58 100

43 336.0 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 2.46 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.02 min

Lab File: VX003216.D

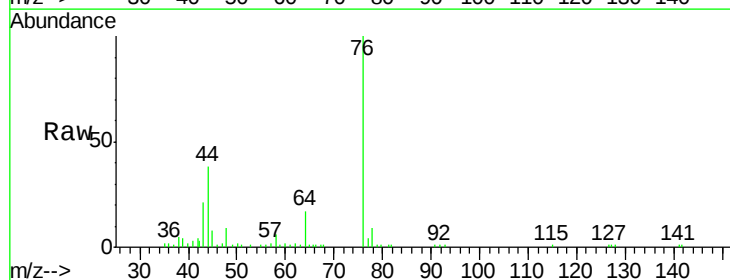
Acq: 06 Jul 2018 15:12

Tgt Ion: 76 Resp: 16352

Ion Ratio Lower Upper

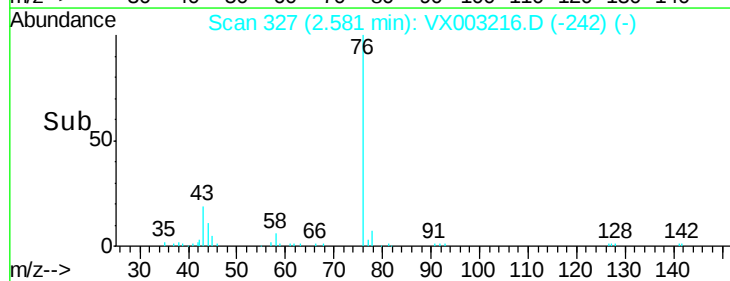
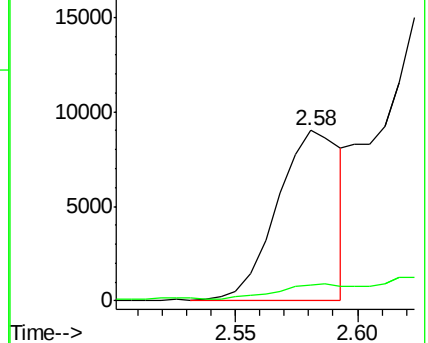
76 100

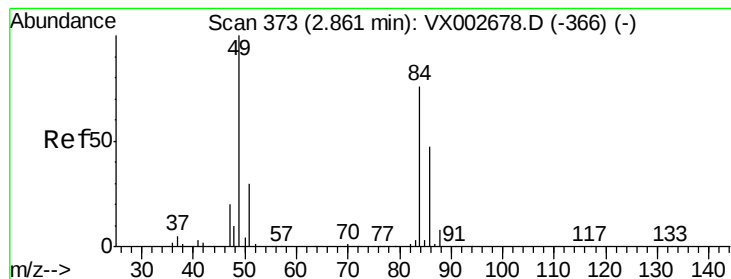
78 7.7 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#18

Methvlene Chloride

Concen: 0.51 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 1545

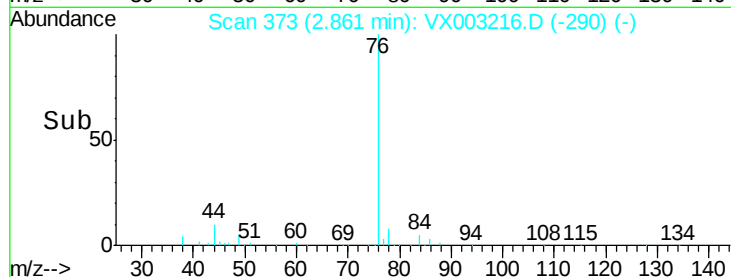
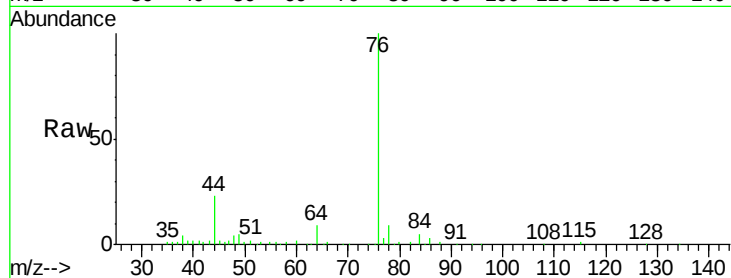
Ion Ratio Lower Upper

84 100

49 109.3 104.7 157.1

51 27.8 31.0 46.4#

86 54.6 50.8 76.2

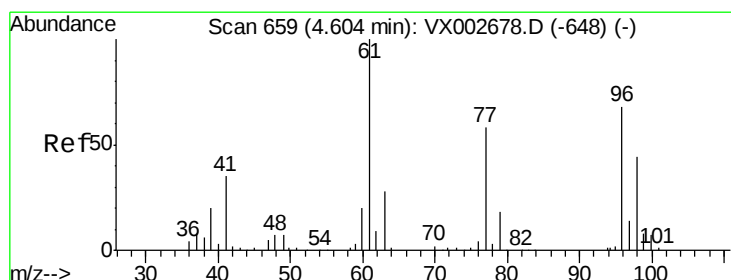
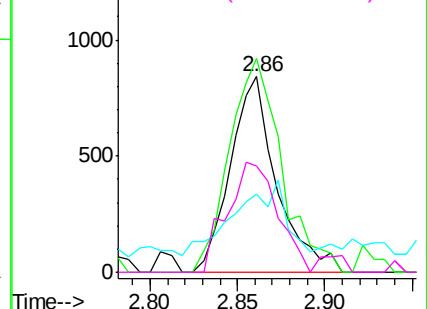


Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 3.07 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

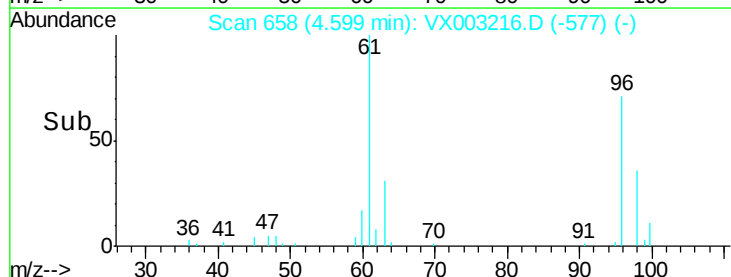
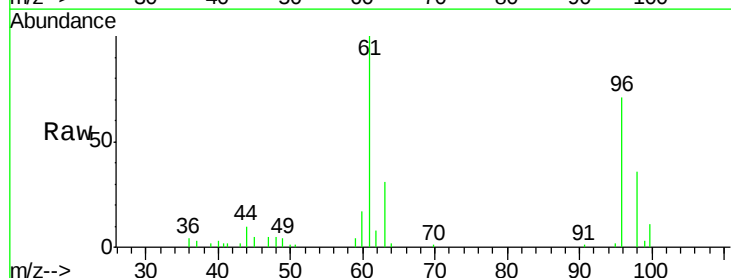
Tgt Ion: 96 Resp: 9392

Ion Ratio Lower Upper

96 100

61 191.9 160.2 240.2

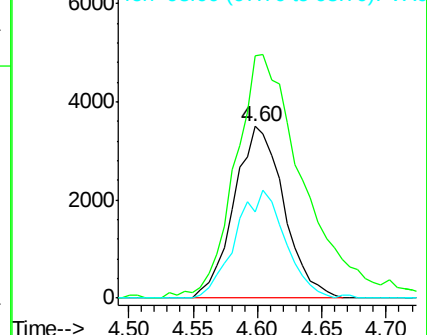
98 30.2 54.1 81.1#

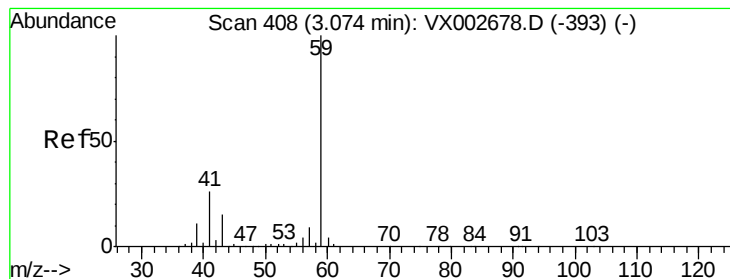


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 1.63 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.02 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

Instrument :

MSVOA_X

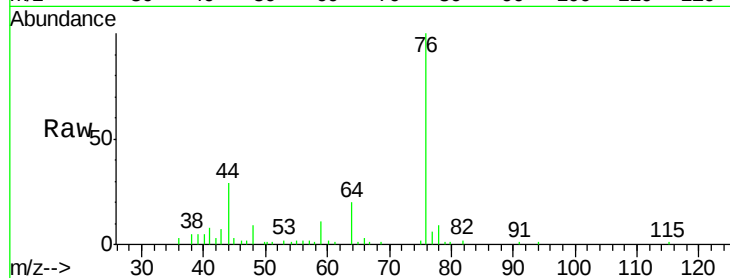
ClientSampleId :

Tot Ion: 59 Resp: 1195

Ion Ratio Lower Upper

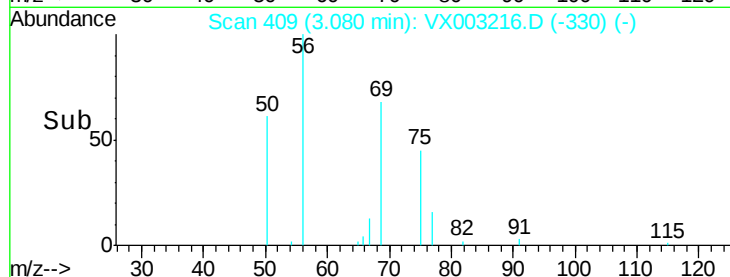
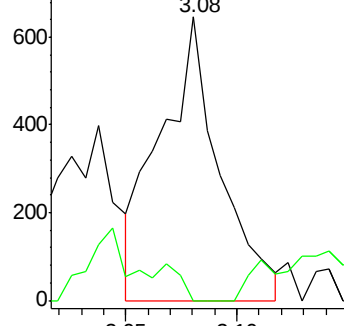
59 100

52 4.3 0.2 0.2#

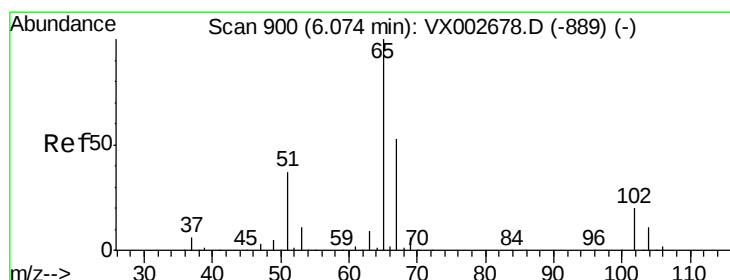


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->



#27

1,2-Dichloroethane-d4

Concen: 29.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003216.D

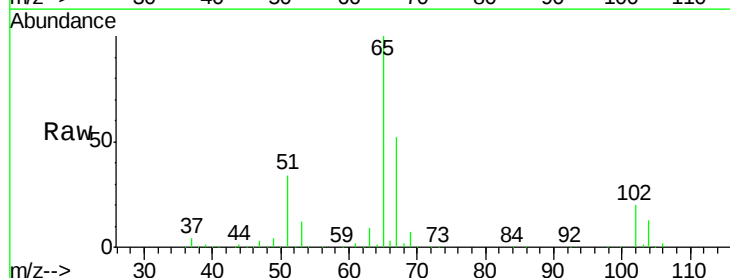
Acq: 06 Jul 2018 15:12

Tgt Ion: 65 Resp: 115455

Ion Ratio Lower Upper

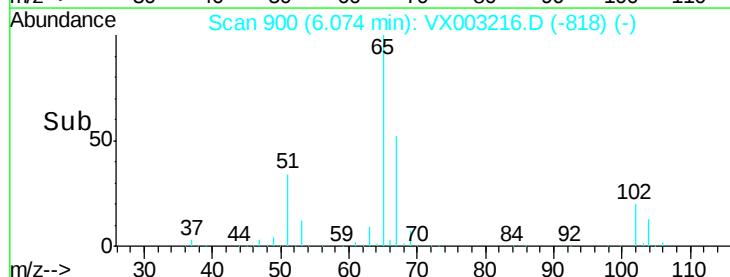
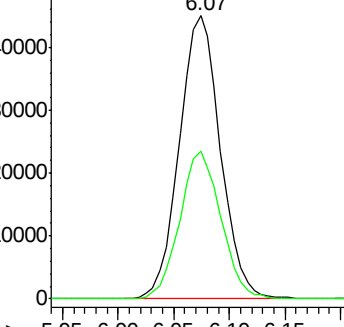
65 100

67 52.5 40.9 61.3

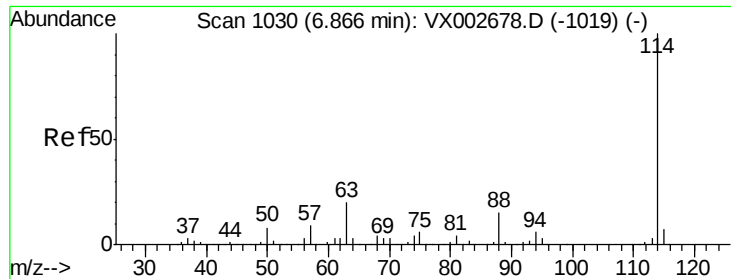


Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



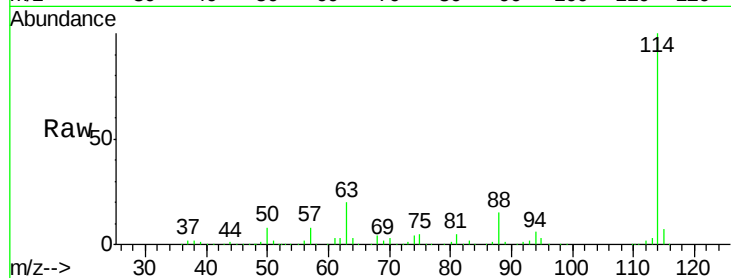
Time-->



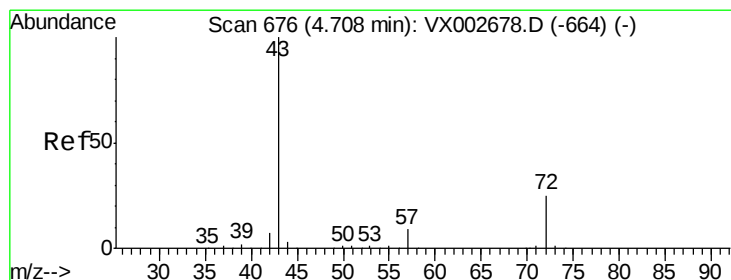
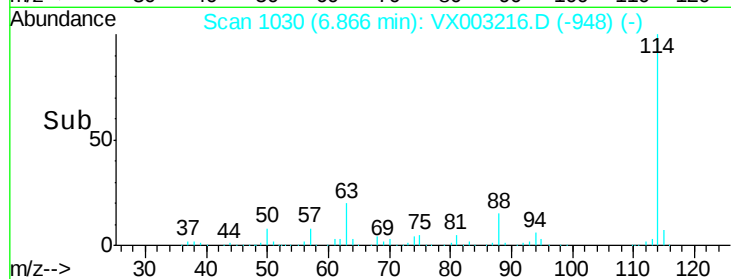
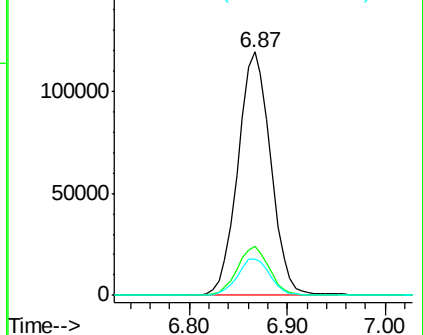
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003216.D
 Acq: 06 Jul 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 278543
 Ion Ratio Lower Upper
 114 100
 63 19.6 17.1 25.7
 88 14.9 12.6 19.0

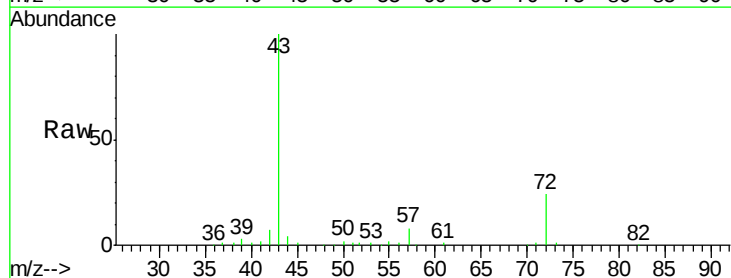


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

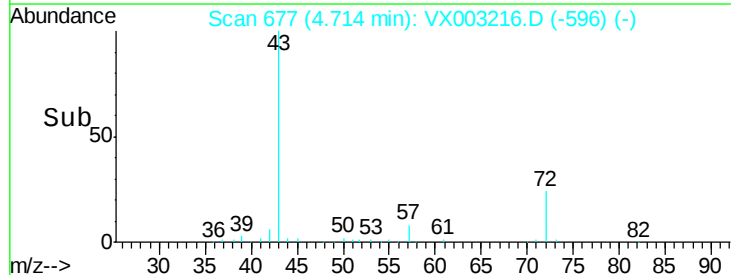
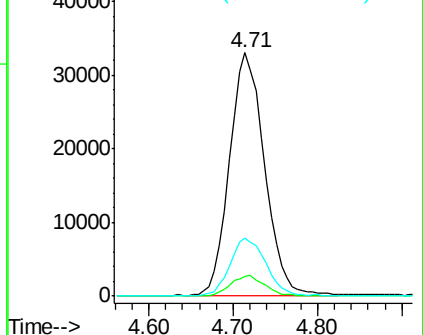


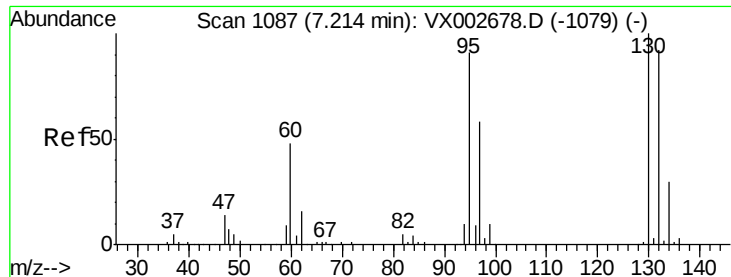
#30
 2-Butanone
 Concen: 43.00 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX003216.D
 Acq: 06 Jul 2018 15:12

Tgt Ion: 43 Resp: 92549
 Ion Ratio Lower Upper
 43 100
 57 8.3 6.1 9.1
 72 24.7 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0

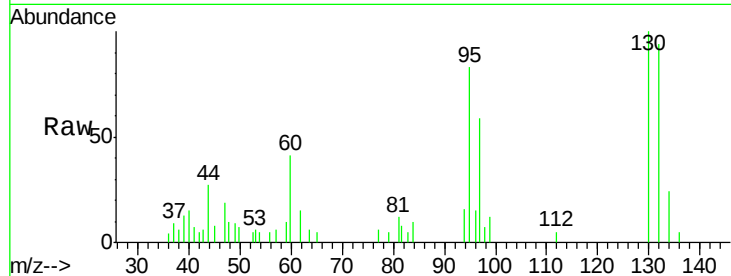




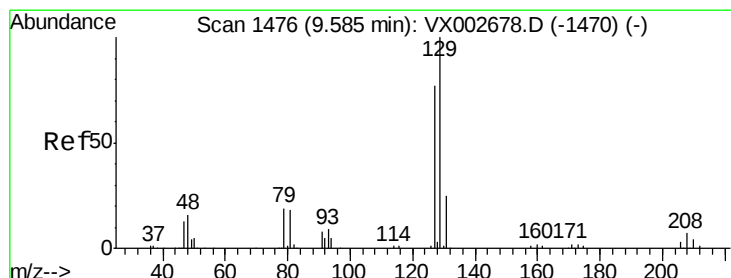
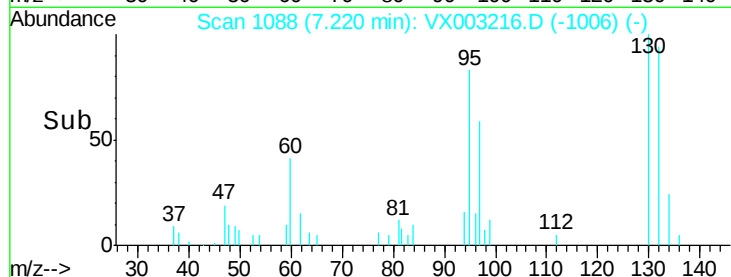
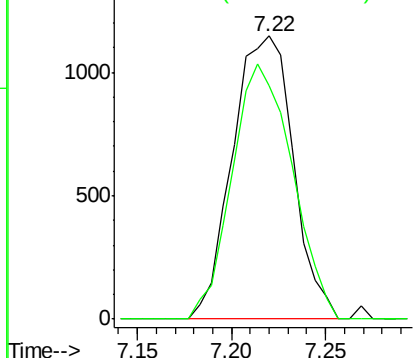
#37
 Trichloroethene
 Concen: 0.79 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX003216.D
 Acq: 06 Jul 2018 15:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 2563
 Ion Ratio Lower Upper
 130 100
 95 82.7 81.5 122.3

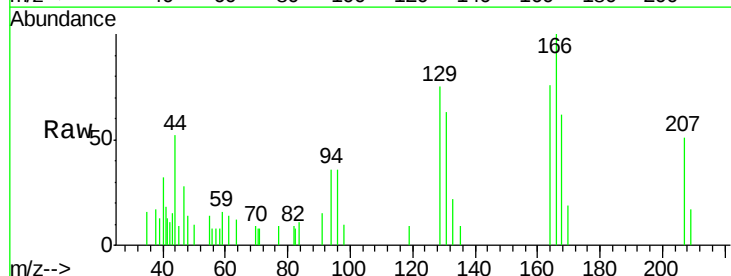


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

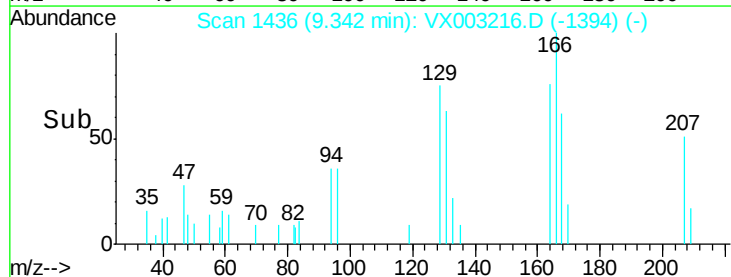
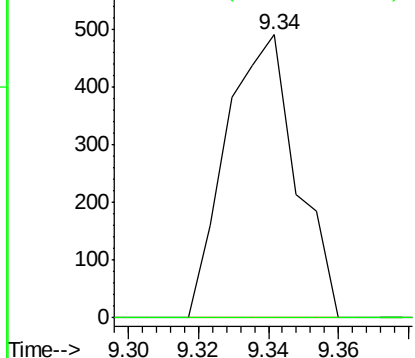


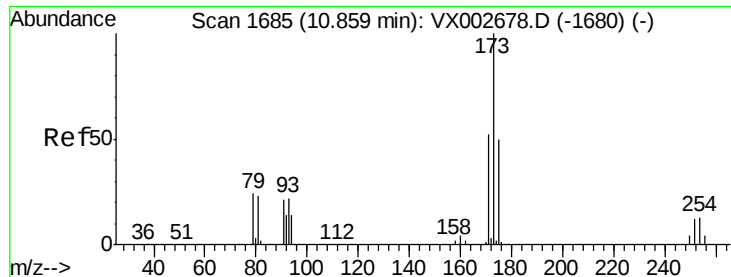
#53
 Dibromochloromethane
 Concen: 0.22 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.24 min
 Lab File: VX003216.D
 Acq: 06 Jul 2018 15:12

Tgt Ion:129 Resp: 684
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.3#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#56

Bromoform

Concen: 0.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.28 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

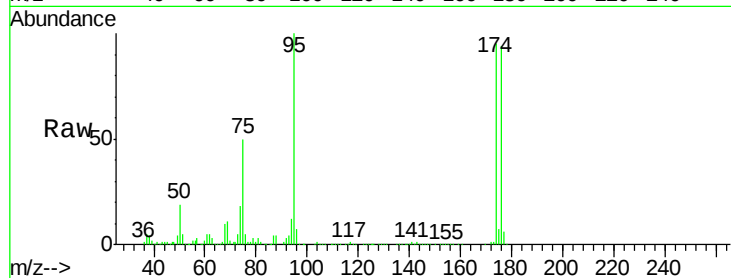
Tot Ion:173 Resp: 1460

Ion Ratio Lower Upper

173 100

175 616.9 39.0 58.4#

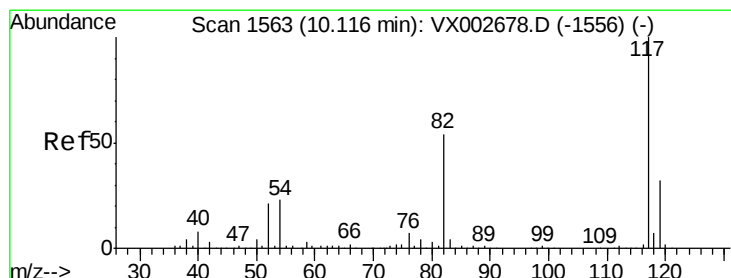
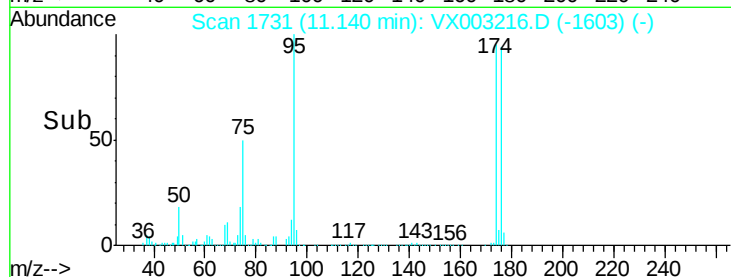
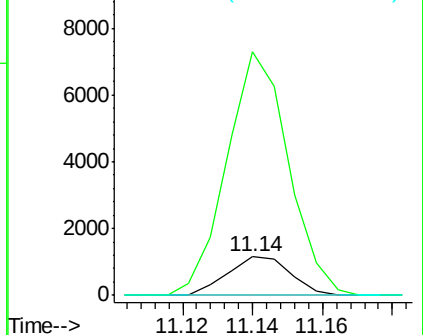
254 0.0 9.6 14.4#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

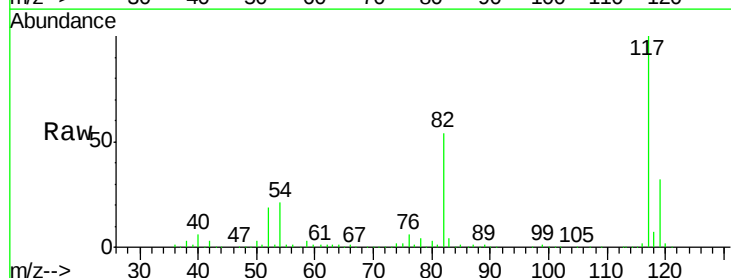
Tgt Ion:117 Resp: 255370

Ion Ratio Lower Upper

117 100

82 52.8 44.3 66.5

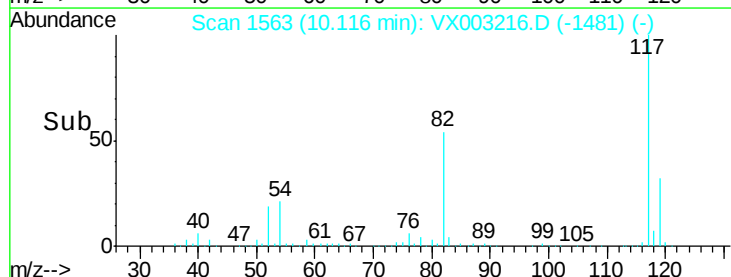
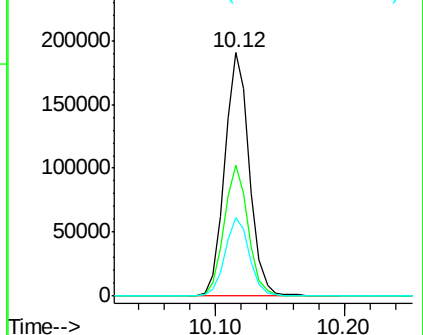
119 32.0 25.7 38.5

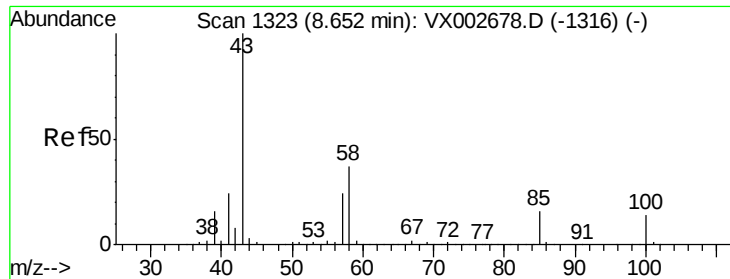


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

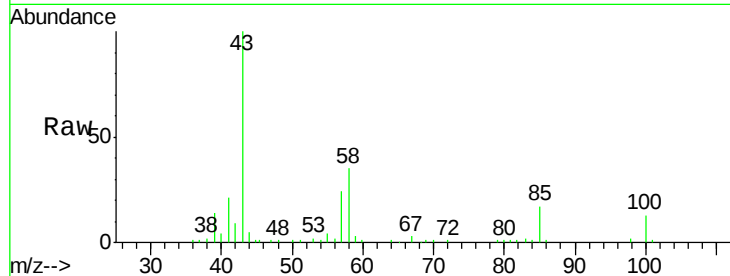




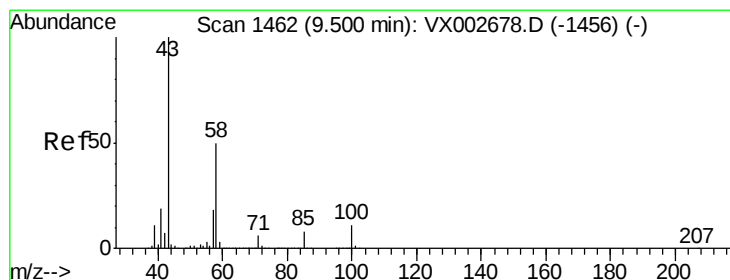
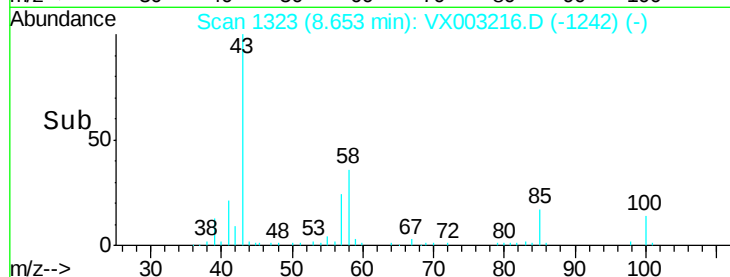
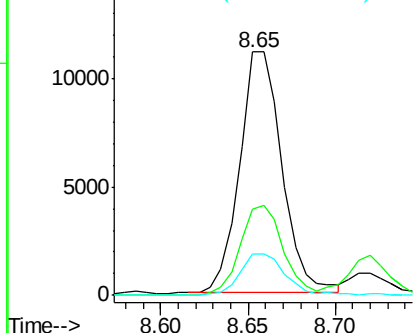
#58
4-Methyl-2-Pentanone
Concen: 4.33 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 18793
Ion Ratio Lower Upper
43 100
58 37.4 28.2 42.4
85 18.0 12.4 18.6

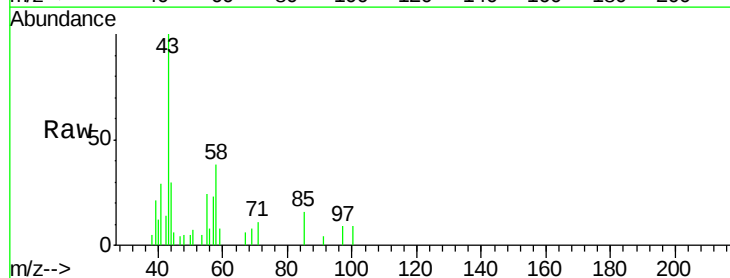


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

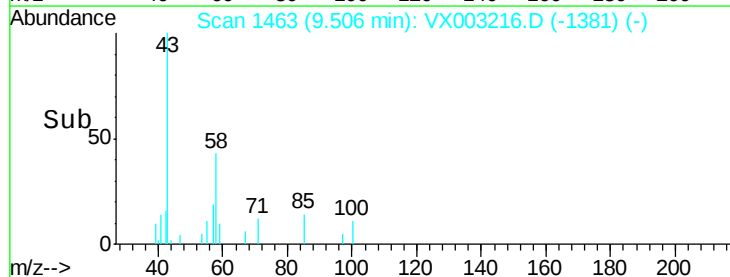
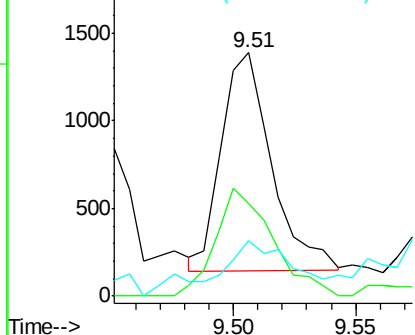


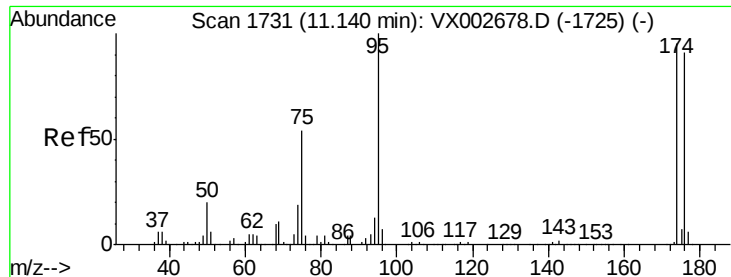
#59
2-Hexanone
Concen: 0.54 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
58 56.2 39.6 59.4
57 19.9 14.1 21.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

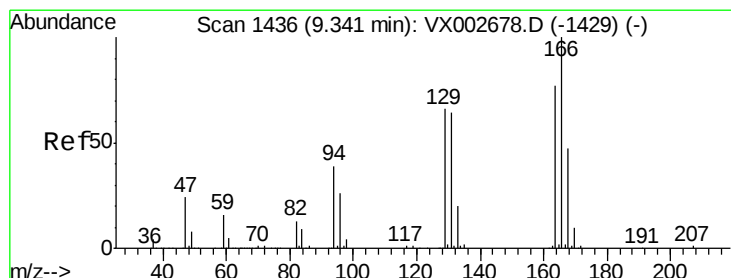
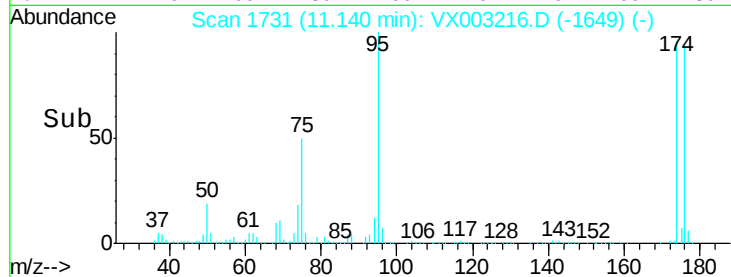
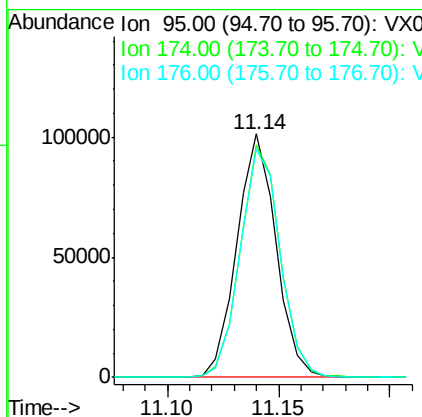
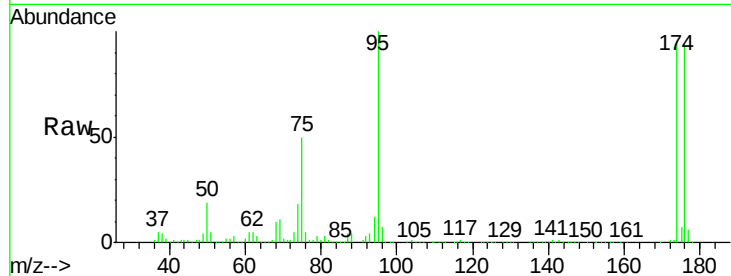




#60
4-Bromofluorobenzene
Concen: 29.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

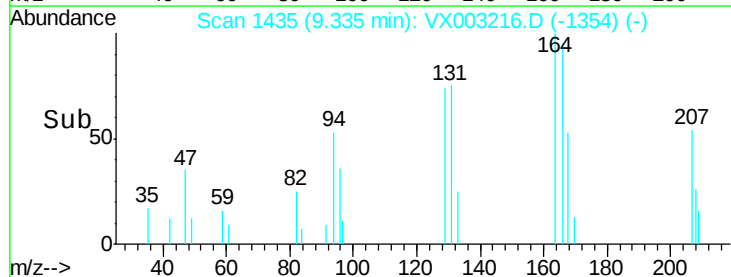
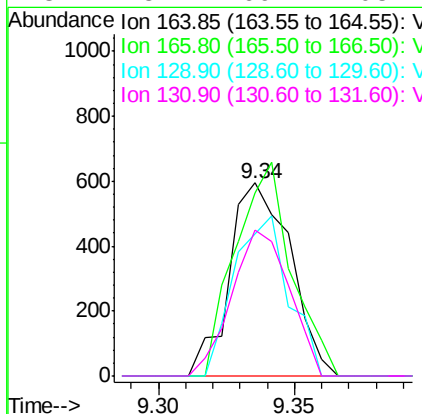
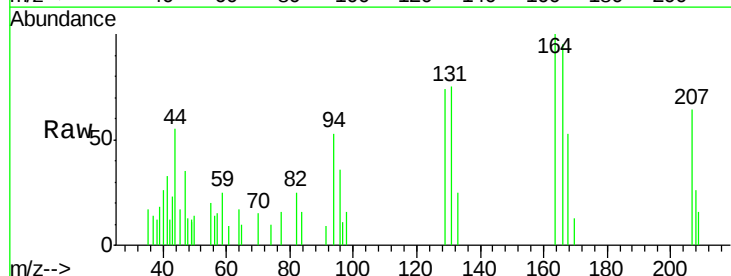
Instrument :
MSVOA_X
ClientSampled :

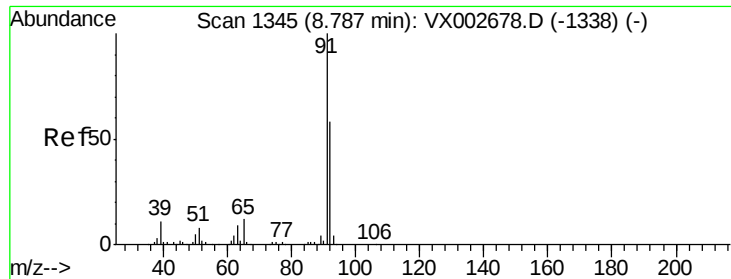
Tot Ion: 95 Resp: 123243
Ion Ratio Lower Upper
95 100
174 98.4 71.8 107.6
176 97.2 70.1 105.1



#61
Tetrachloroethene
Concen: 0.26 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

Tgt Ion: 164 Resp: 927
Ion Ratio Lower Upper
164 100
166 94.9 102.4 153.6#
129 73.6 70.1 105.1
131 75.4 69.1 103.7





#62

Toluene

Concen: 473.90 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

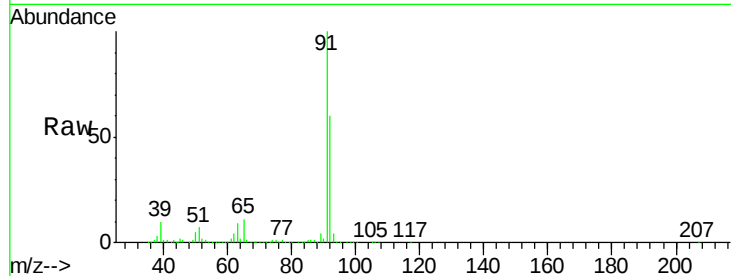
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 5833425

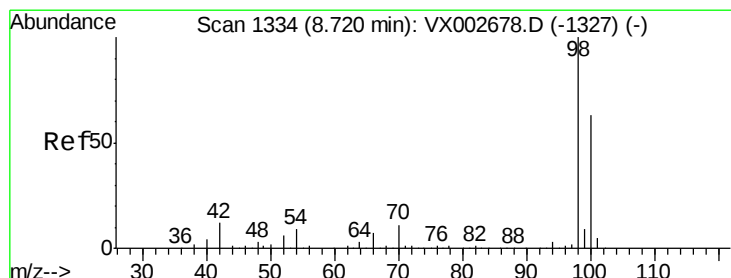
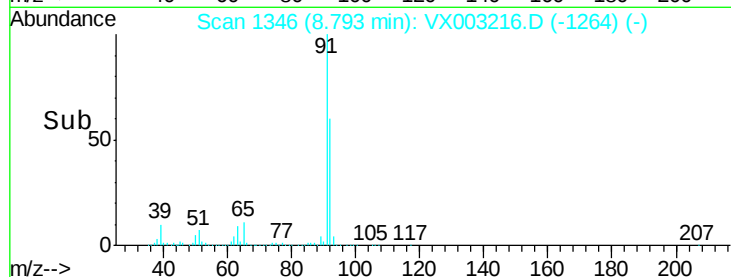
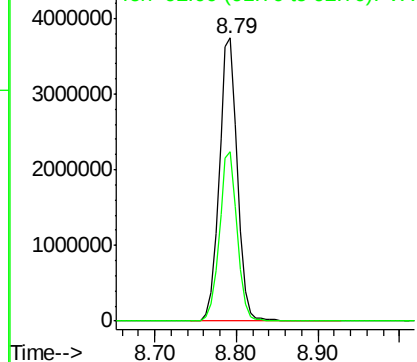
Ion Ratio Lower Upper

91 100

92 58.7 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 28.84 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003216.D

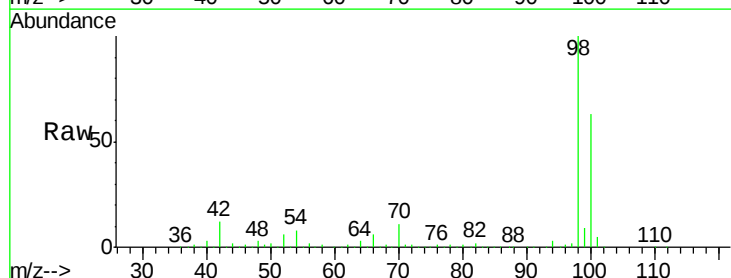
Acq: 06 Jul 2018 15:12

Tgt Ion: 98 Resp: 321704

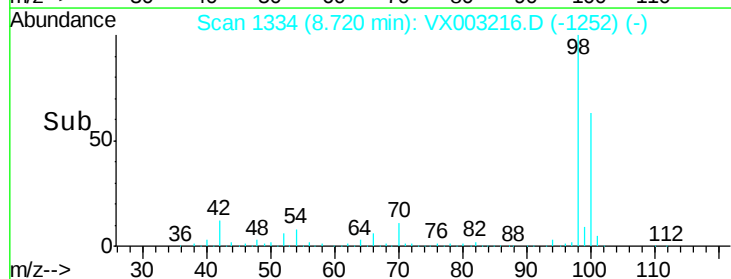
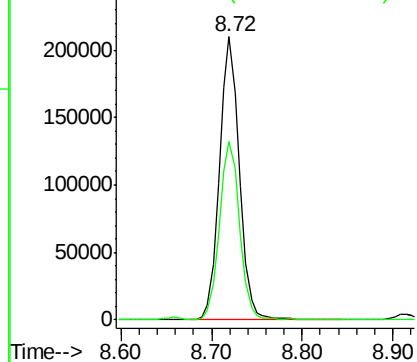
Ion Ratio Lower Upper

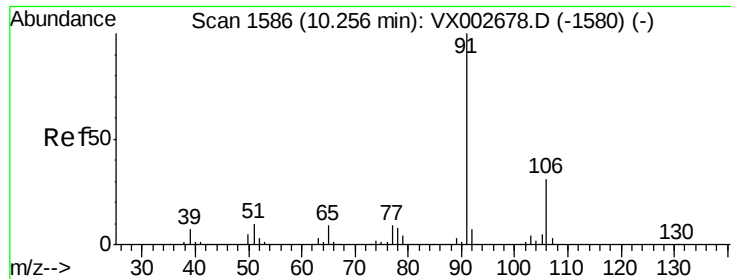
98 100

100 63.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

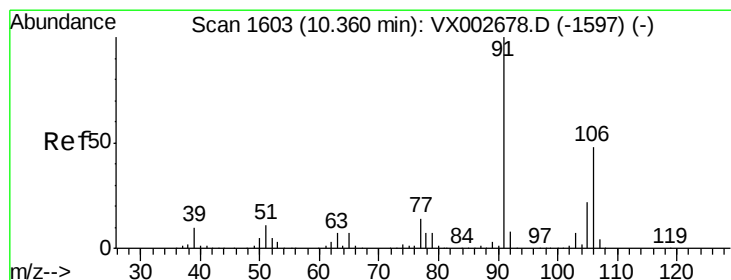
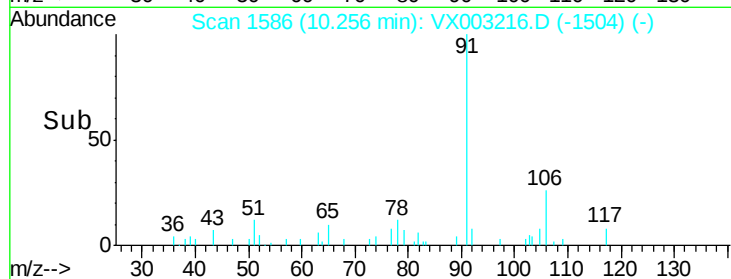
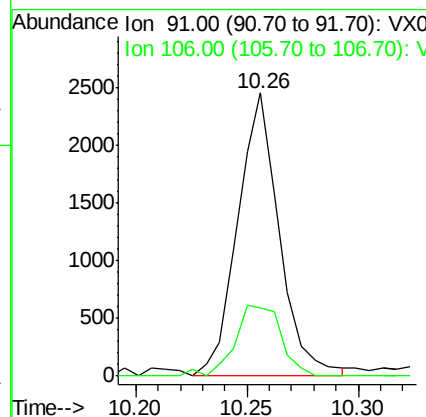
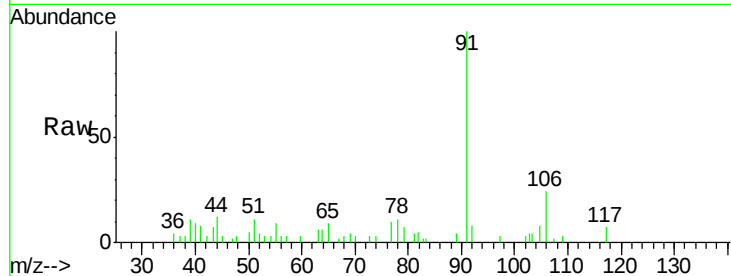




#66
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

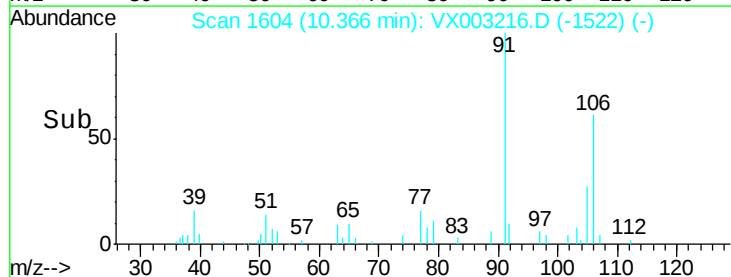
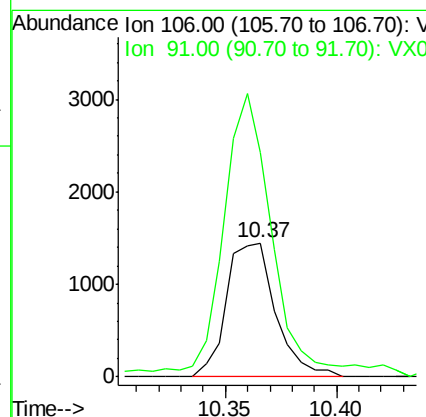
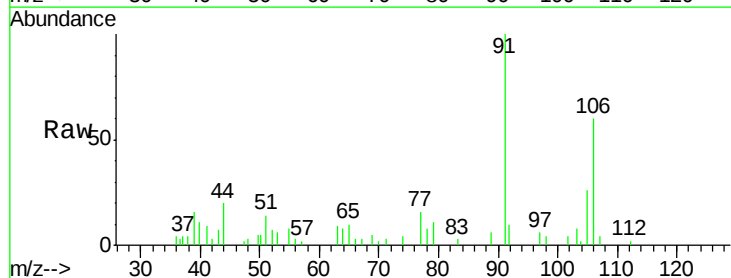
Instrument :
MSVOA_X
ClientSampled :

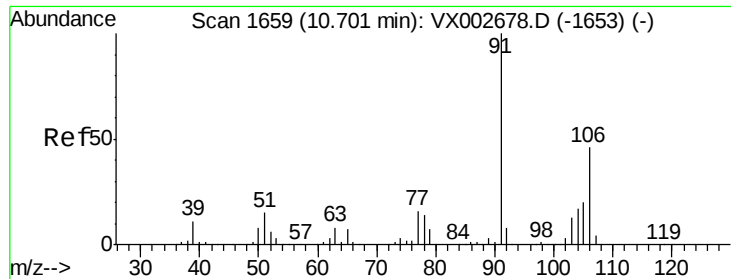
Tot Ion: 91 Resp: 3196
Ion Ratio Lower Upper
91 100
106 24.3 25.2 37.8#



#67
m/p-Xylenes
Concen: 0.41 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

Tgt Ion: 106 Resp: 2223
Ion Ratio Lower Upper
106 100
91 189.6 164.1 246.1

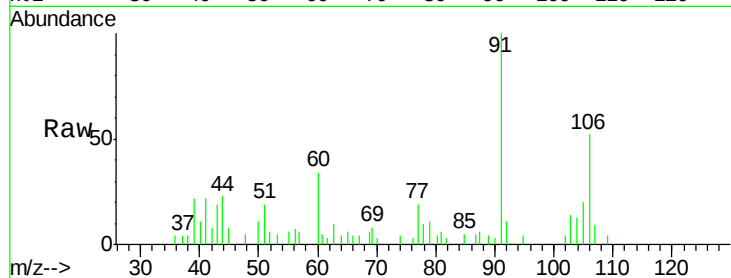




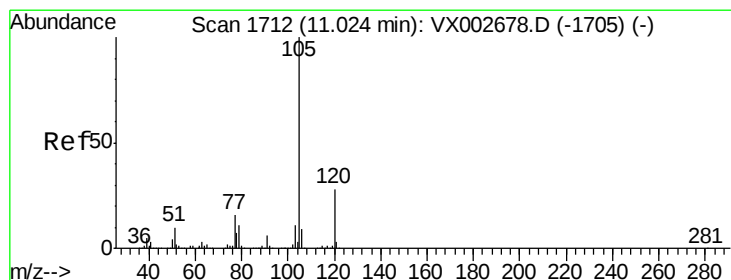
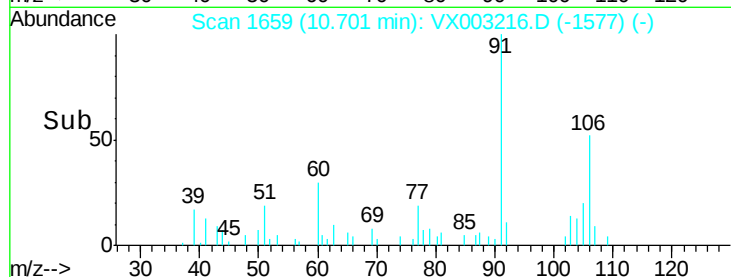
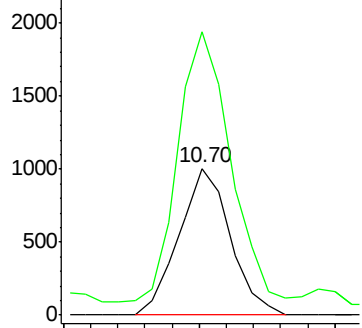
#68
o-Xylene
Concen: 0.25 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 1315
Ion Ratio Lower Upper
106 100
91 190.3 109.1 327.3

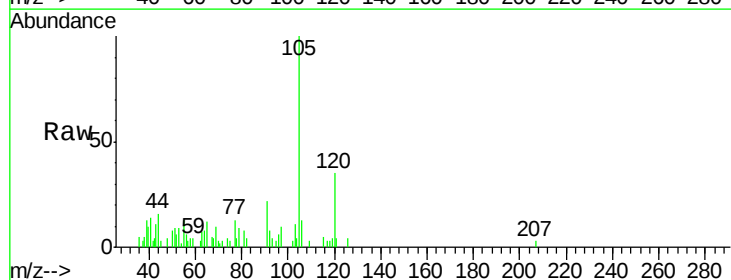


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

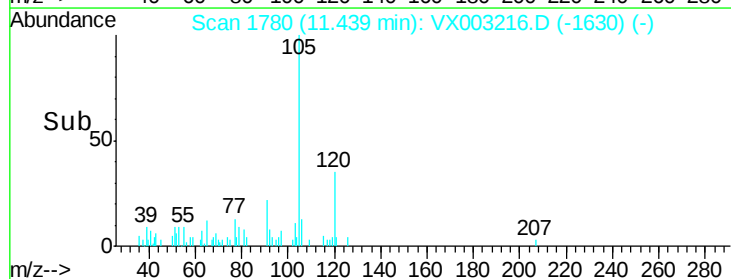
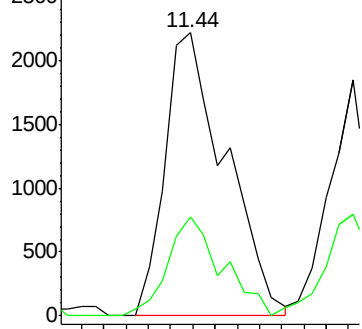


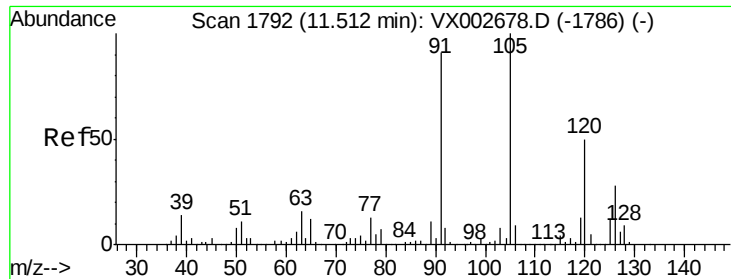
#70
Isopropylbenzene
Concen: 0.29 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.41 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

Tgt Ion:105 Resp: 4181
Ion Ratio Lower Upper
105 100
120 31.4 19.0 35.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,3,5-Trimethylbenzene

Concen: 0.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

Instrument :

MSVOA_X

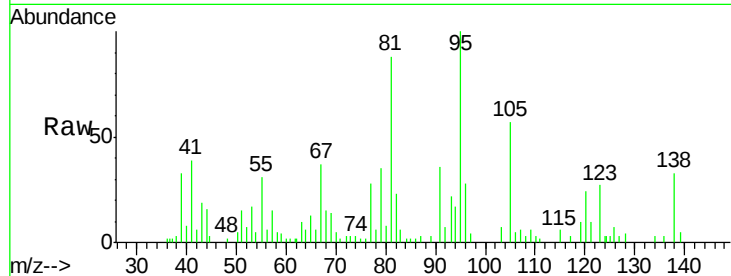
ClientSampleId :

Tot Ion:105 Resp: 2459

Ion Ratio Lower Upper

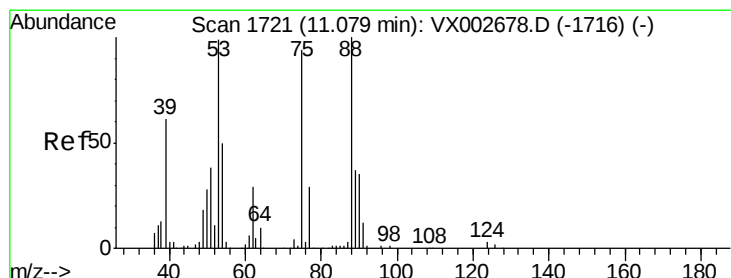
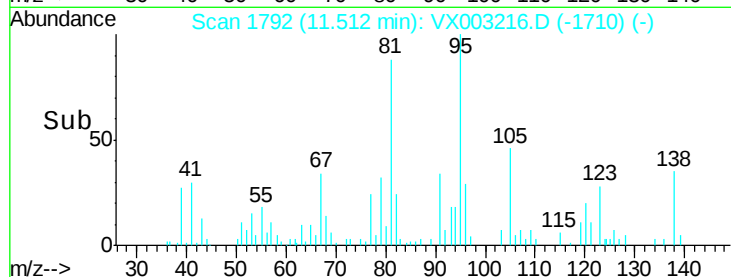
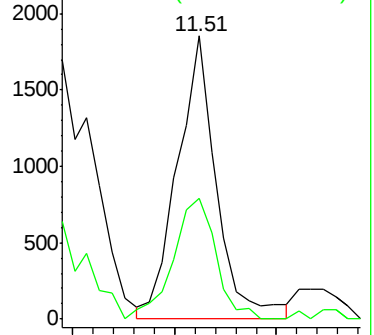
105 100

120 46.6 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 52.43 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003216.D

Acq: 06 Jul 2018 15:12

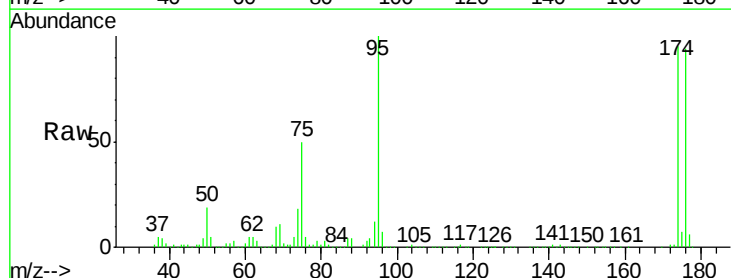
Tgt Ion: 75 Resp: 63243

Ion Ratio Lower Upper

75 100

53 0.4 48.3 144.9#

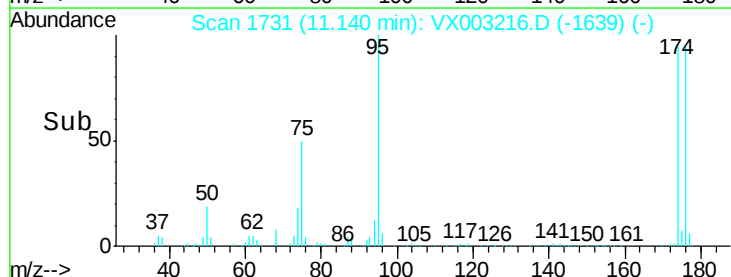
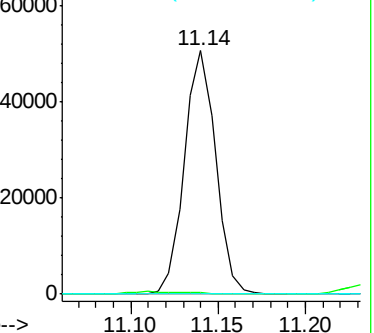
89 0.0 21.8 65.4#

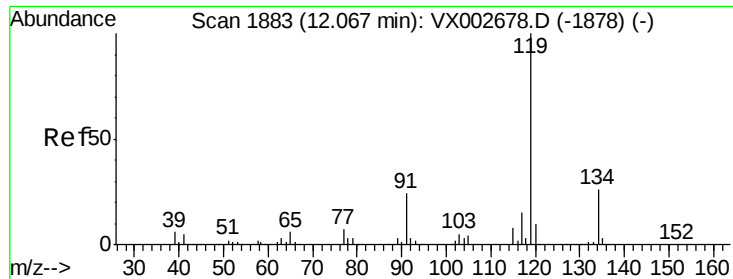


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

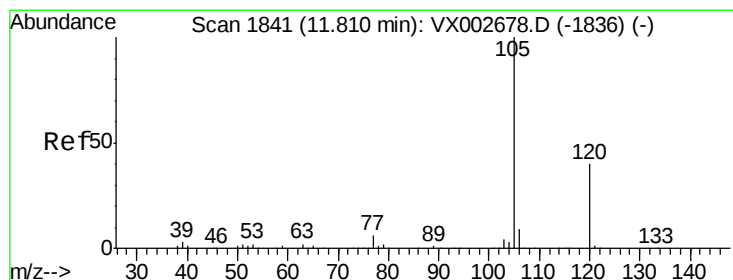
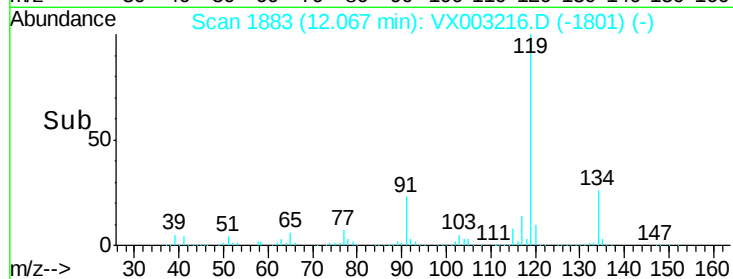
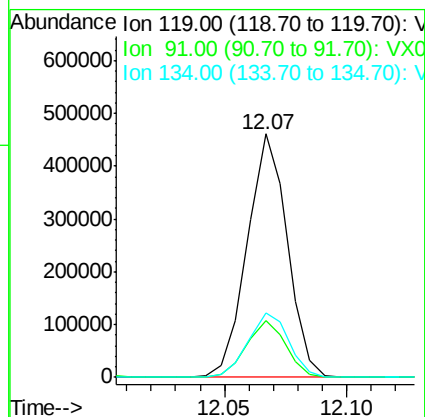
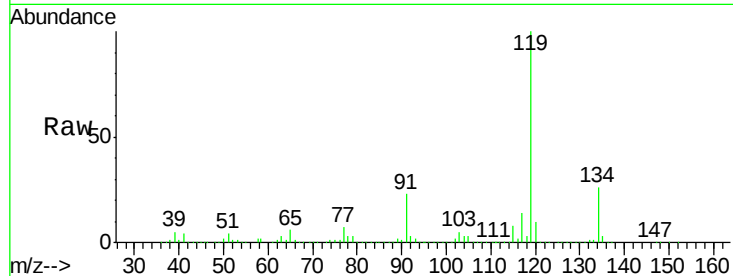




#79
tert-butylbenzene
Concen: 38.76 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

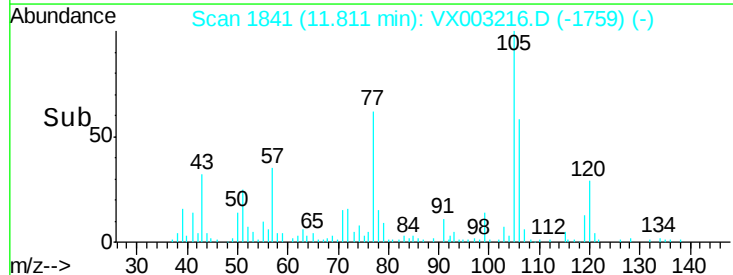
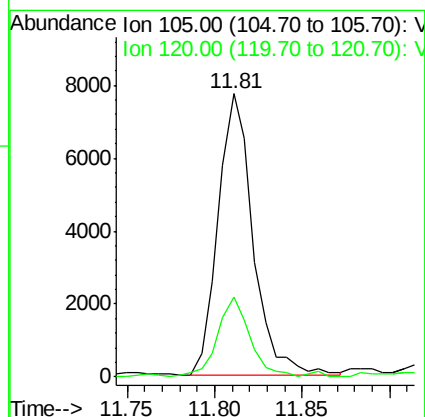
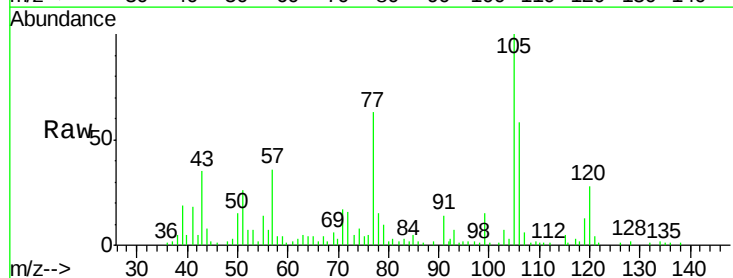
Instrument :
MSVOA_X
ClientSampleId :

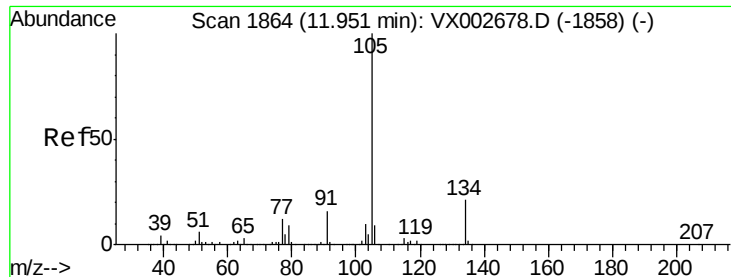
Tot Ion:119 Resp: 525396
Ion Ratio Lower Upper
119 100
91 23.1 0.0 48.0
134 27.1 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 0.85 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

Tgt Ion:105 Resp: 10708
Ion Ratio Lower Upper
105 100
120 26.4 0.0 89.2

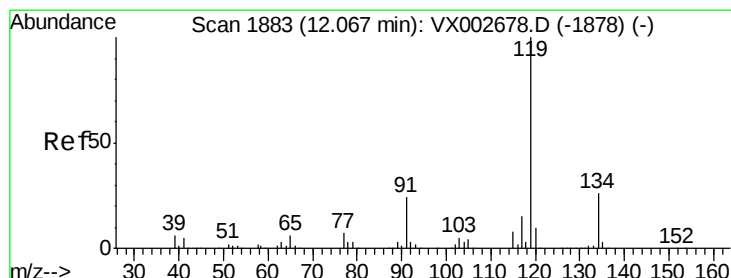
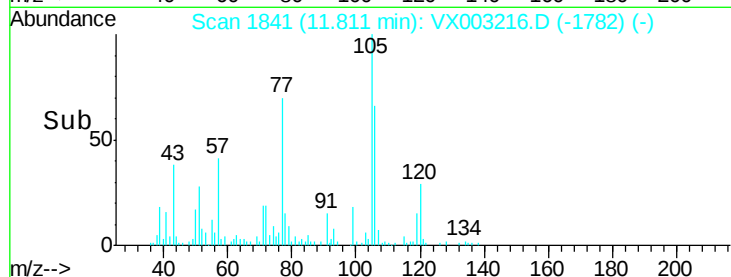
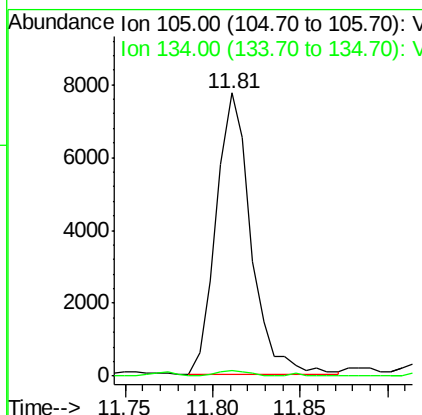
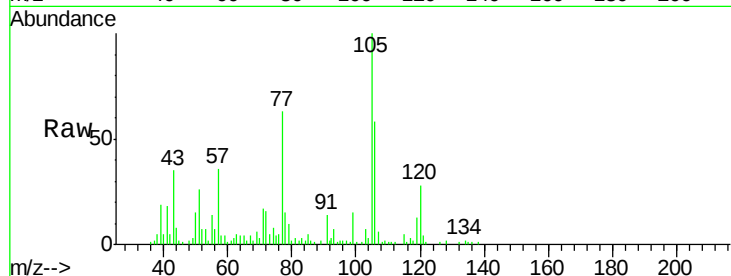




#81
 sec-Butylbenzene
 Concen: 0.71 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX003216.D
 Acq: 06 Jul 2018 15:12

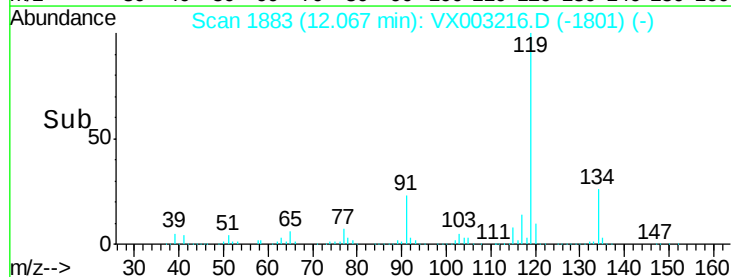
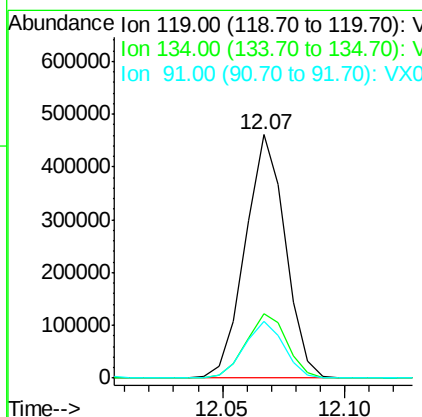
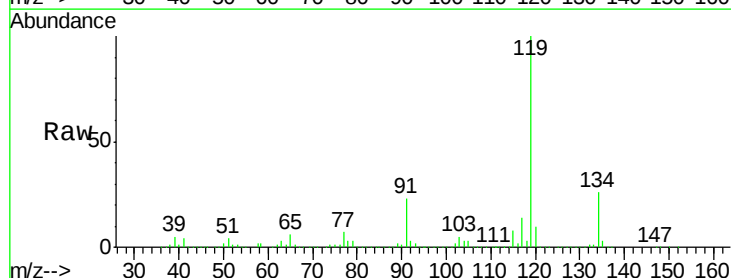
Instrument :
 MSVOA_X
 ClientSampleId :

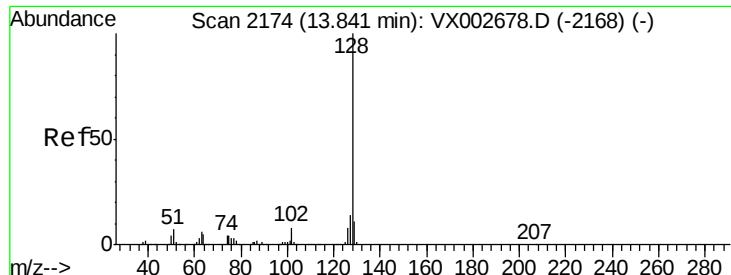
Tot Ion:105 Resp: 10708
 Ion Ratio Lower Upper
 105 100
 134 1.8 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 38.76 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003216.D
 Acq: 06 Jul 2018 15:12

Tgt Ion:119 Resp: 525396
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 52.6
 91 23.1 0.0 48.0





#91
Naphthalene
Concen: 0.64 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003216.D
Acq: 06 Jul 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 9610
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.7 8.9 13.3

