

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002361.D
 Acq On : 06 Jun 2018 19:02
 Operator : JC/MD
 Sample : J3312-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:25:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171085	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	148254	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
35) Dibromofluoromethane	5.51	113	112093	44.55	ug/l	0.00
Spiked Amount			Recovery	=	89.10%	
50) Toluene-d8	8.72	98	451326	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	11.14	95	163098	43.85	ug/l	0.00
Spiked Amount			Recovery	=	87.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.30	50	2603	Below Cal	#	80
5) Bromomethane	1.64	94	924	Below Cal		100
8) Diethyl Ether	2.31	74	109	Below Cal		51
10) Methyl Iodide	2.53	142	1192	0.36	ug/l	# 97
11) Tert butyl alcohol	3.08	59	1426	Below Cal	#	43
13) Acrolein	2.27	56	42094	129.51	ug/l	# 1
14) Allyl chloride	2.81	41	48769	9.56	ug/l	# 1
15) Acrylonitrile	2.93	53	15939	2.26	ug/l	# 40
16) Acetone	2.45	43	7002	Below Cal		98
18) Methyl Acetate	2.77	43	594	Below Cal	#	62
19) Methyl tert-butyl Ether	3.20	73	343	Below Cal	#	1
20) Methylene Chloride	2.86	84	593	Below Cal	#	36
22) Diisopropyl ether	3.87	45	102	Below Cal	#	1
25) 2-Butanone	4.71	43	1081	0.50	ug/l	# 74
28) Bromochloromethane	5.02	49	22	Below Cal	#	13
31) Cyclohexane	5.58	56	36926	9.26	ug/l	96
36) 1,1-Dichloropropene	5.67	75	16071	4.78	ug/l	# 52
38) Carbon Tetrachloride	5.67	117	20581	5.85	ug/l	# 15
39) Methylcyclohexane	7.46	83	14463	3.72	ug/l	95
40) Benzene	6.15	78	4383	0.42	ug/l	95
41) Methacrylonitrile	5.31	41	13183	5.69	ug/l	# 1
43) Isopropyl Acetate	6.40	43	70866	10.31	ug/l	# 66
48) Methyl methacrylate	7.73	41	1138	0.33	ug/l	# 89
49) 1,4-Dioxane	7.63	88	20	0.31	ug/l	# 1
52) Toluene	8.79	92	172490	26.29	ug/l	100
54) cis-1,3-Dichloropropene	8.79	75	2377	0.62	ug/l	# 1
55) 1,1,2-Trichloroethane	9.16	97	3706	1.37	ug/l	# 16
56) Ethyl methacrylate	9.16	69	892	0.21	ug/l	# 43
59) 2-Hexanone	9.45	43	742	0.22	ug/l	# 28
65) Chlorobenzene	10.14	112	36814	5.13	ug/l	97
67) Ethyl Benzene	10.26	91	15946	1.33	ug/l	98
68) m/p-Xylenes	10.37	106	100214	21.47	ug/l	100
69) o-Xylene	10.70	106	22146	4.77	ug/l	92
73) Isopropylbenzene	11.02	105	157934	13.27	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

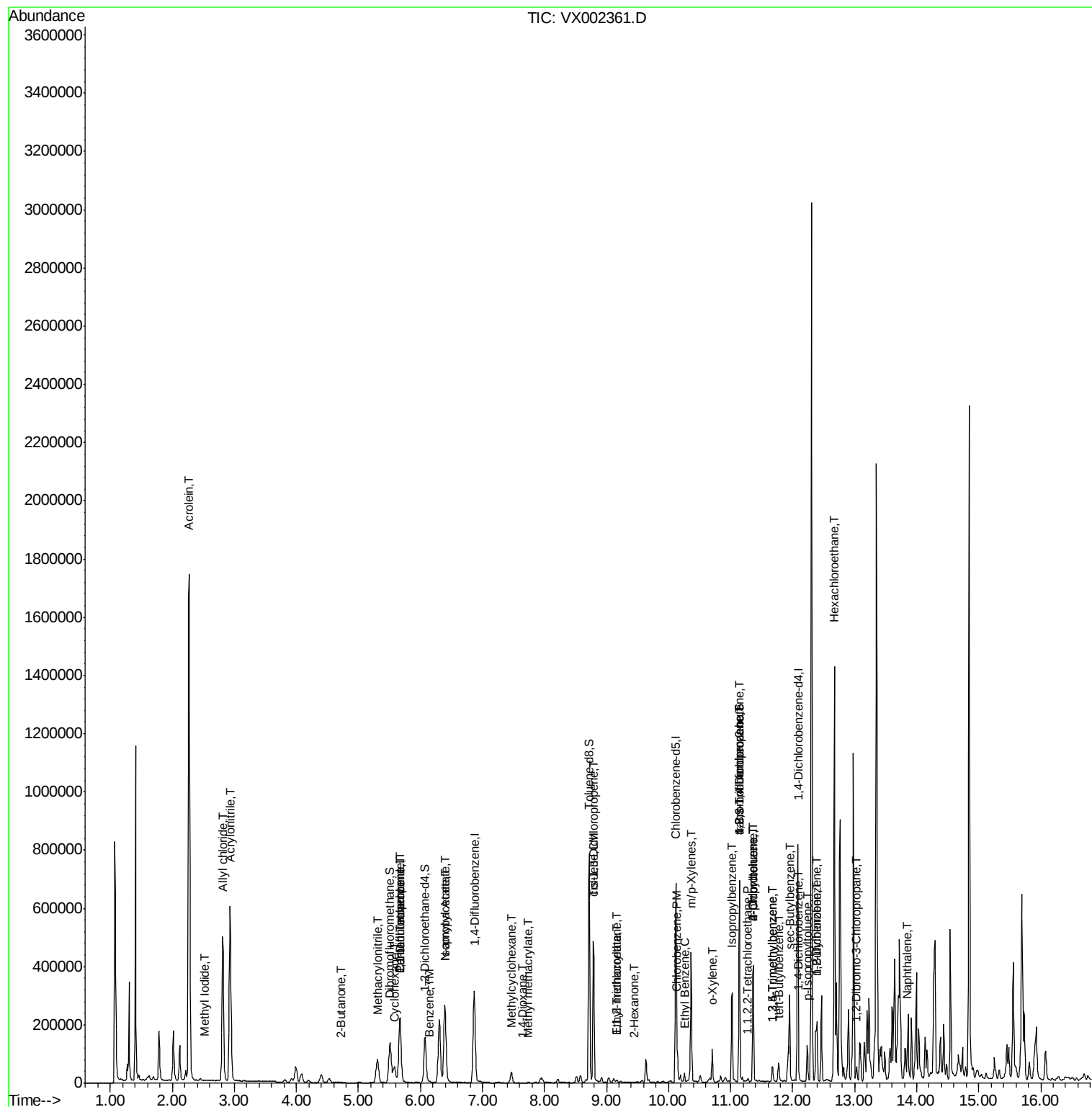
74) N-amyl acetate	6.40	43	70866	11.05	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	11.28	83	793	0.21	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	87879	23.41	ug/l #	33
78) n-propylbenzene	11.37	91	240991	18.22	ug/l	100
79) 2-Chlorotoluene	11.37	91	240991	28.85	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.67	105	19285	1.89	ug/l	75
81) trans-1,4-Dichloro-2-buten	11.14	75	87879	82.06	ug/l #	7
82) 4-Chlorotoluene	11.37	91	240991	25.00	ug/l #	44
83) tert-Butylbenzene	11.77	119	21534	2.17	ug/l	92
84) 1,2,4-Trimethylbenzene	11.67	105	19285	1.84	ug/l	81
85) sec-Butylbenzene	11.95	105	147742	12.68	ug/l	80
86) p-Isopropyltoluene	12.24	119	51519	4.85	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	1814	0.29	ug/l #	1
89) n-Butylbenzene	12.39	91	88664	9.96	ug/l #	84
90) Hexachloroethane	12.67	117	61907	36.54	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	2134	0.35	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	13.02	75	222	0.27	ug/l #	1
95) Naphthalene	13.84	128	9524	0.76	ug/l #	46

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

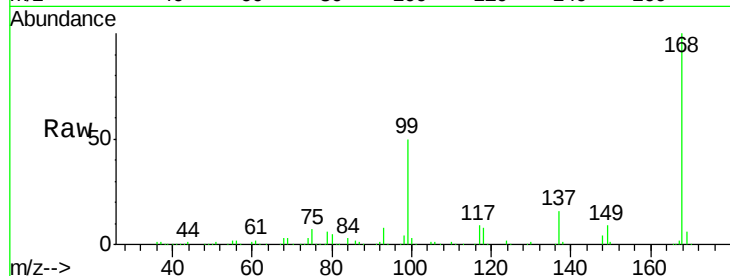
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 220888

Ion Ratio Lower Upper

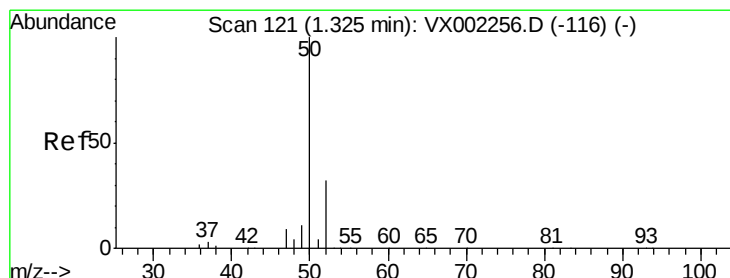
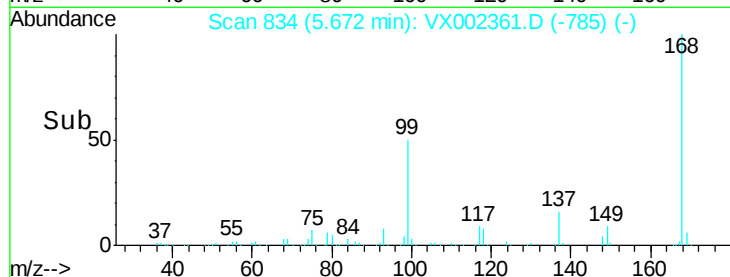
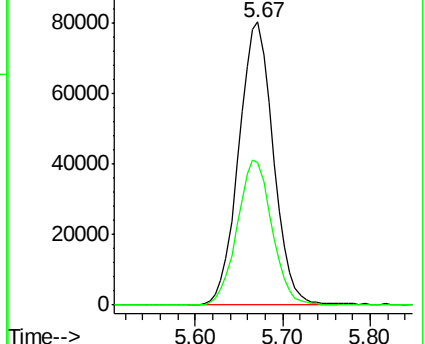
168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.30 min Scan# 117

Delta R.T. -0.02 min

Lab File: VX002361.D

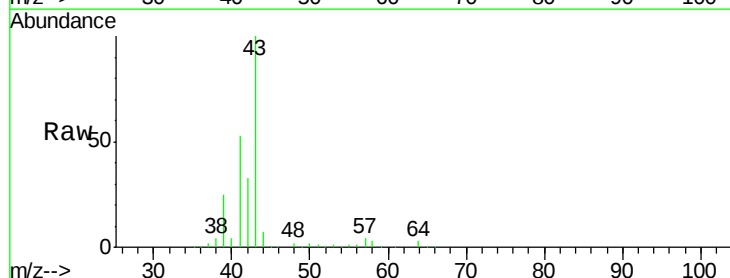
Acq: 06 Jun 2018 19:02

Tgt Ion: 50 Resp: 2603

Ion Ratio Lower Upper

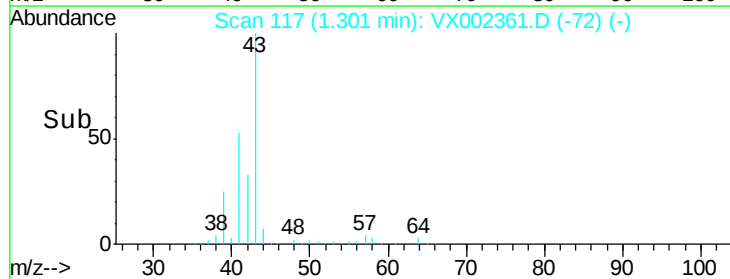
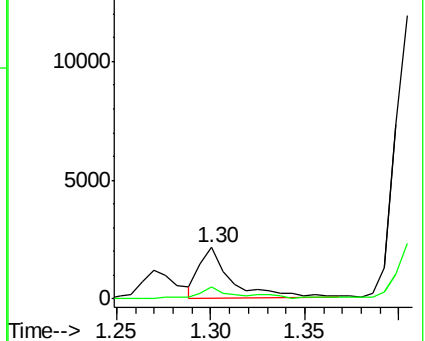
50 100

52 20.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

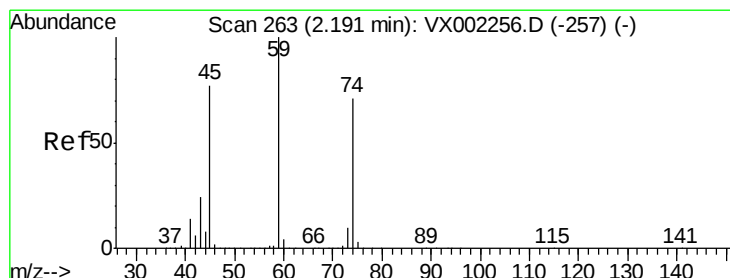
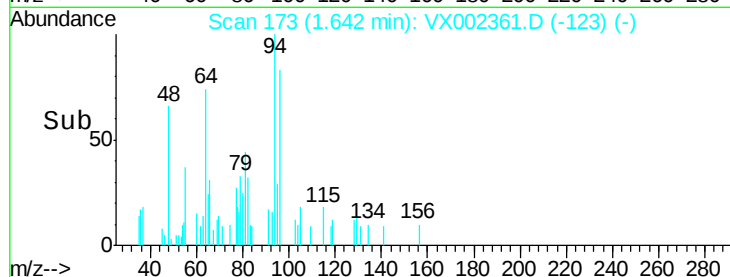
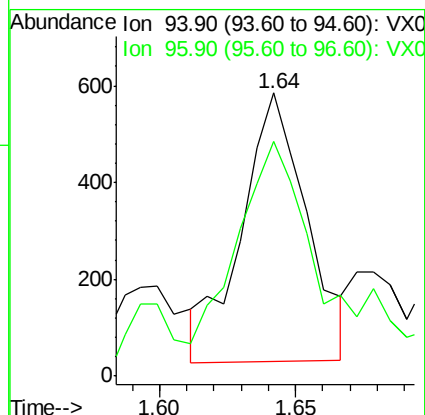
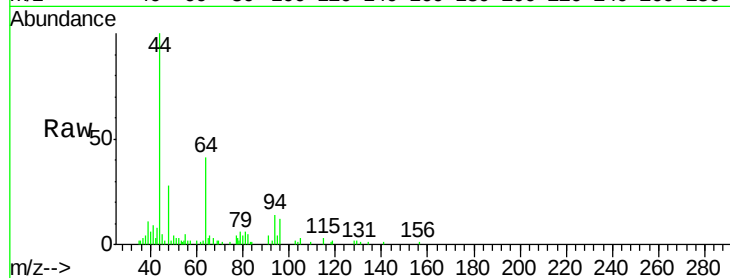
ClientSampleId :

Tot Ion: 94 Resp: 924

Ion Ratio Lower Upper

94 100

96 93.3 74.9 112.3



#8

Diethyl Ether

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.12 min

Lab File: VX002361.D

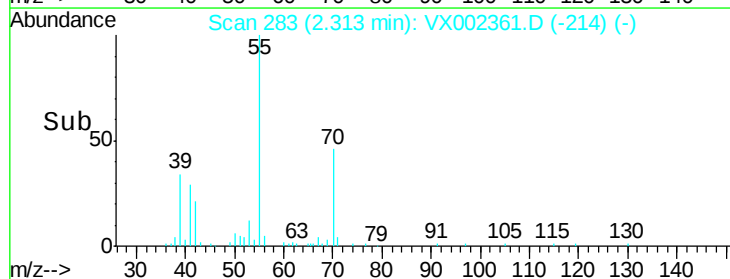
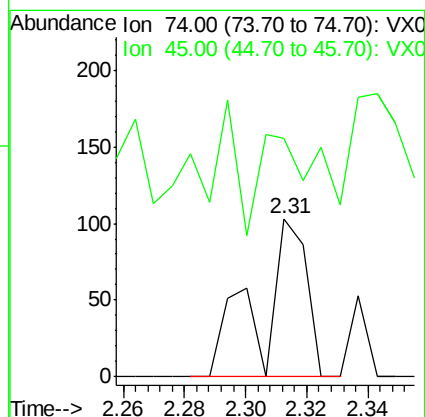
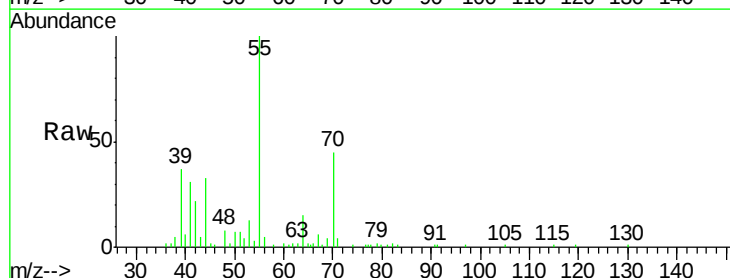
Acq: 06 Jun 2018 19:02

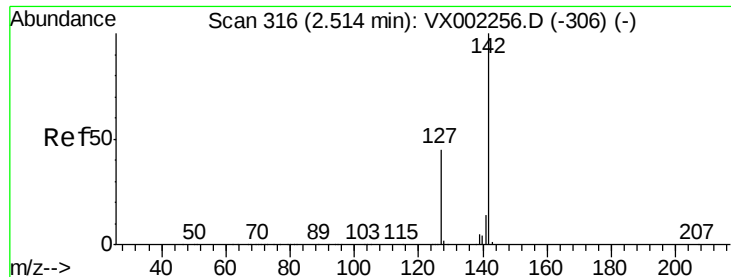
Tgt Ion: 74 Resp: 109

Ion Ratio Lower Upper

74 100

45 56.0 53.1 159.4

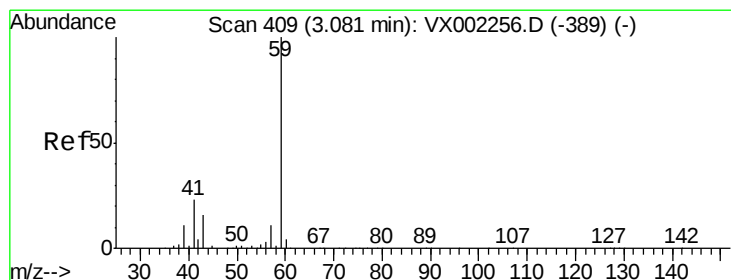
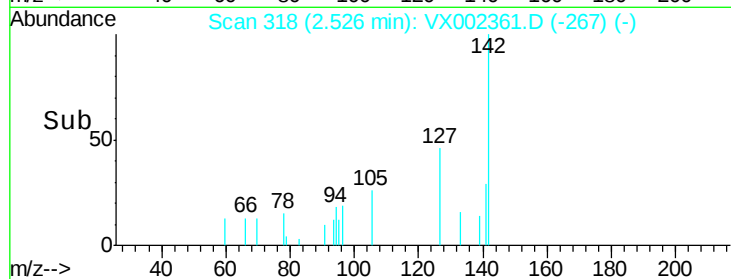
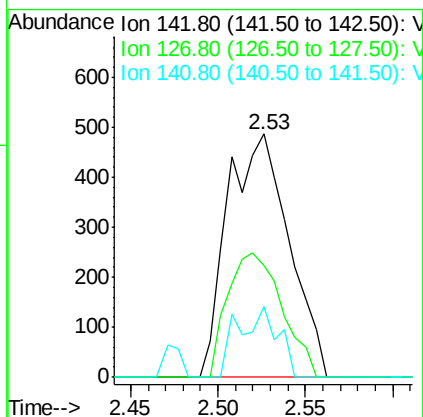
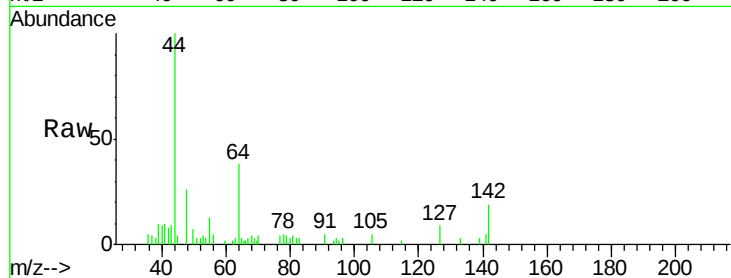




#10
Methyl Iodide
Concen: 0.36 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

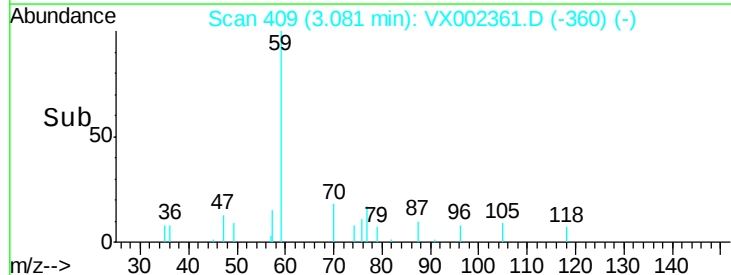
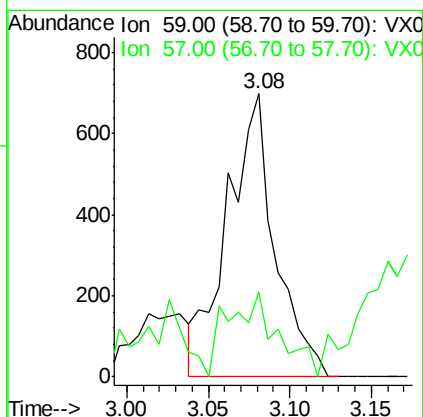
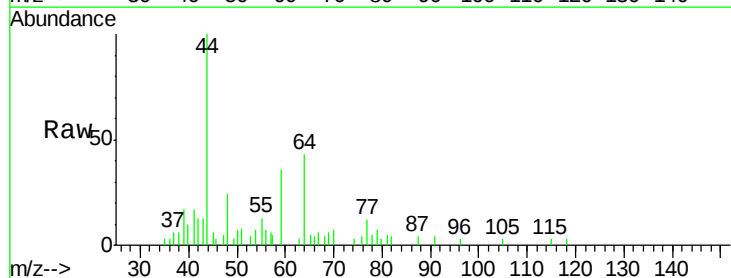
Instrument :
MSVOA_X
ClientSampled :

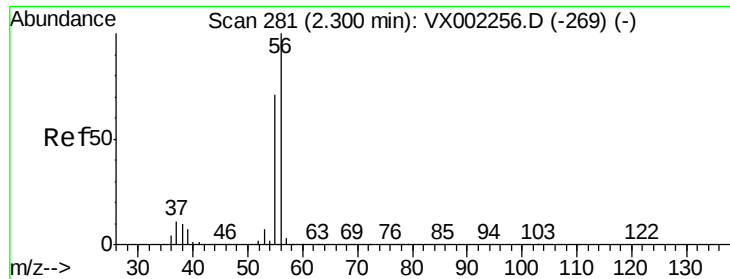
Tot Ion:142 Resp: 1192
Ion Ratio Lower Upper
142 100
127 45.2 36.6 55.0
141 18.8 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion: 59 Resp: 1426
Ion Ratio Lower Upper
59 100
57 31.4 8.2 12.2#





#13

Acrolein

Concen: 129.51 ug/l

RT: 2.27 min Scan# 276

Delta R.T. -0.03 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

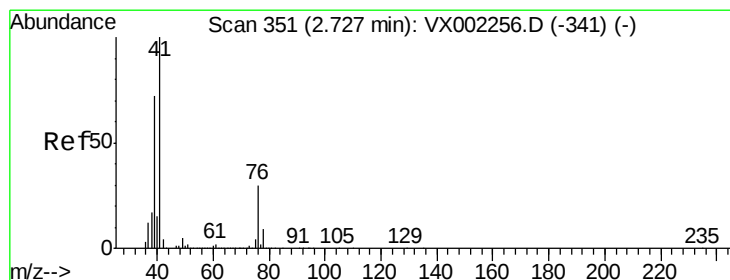
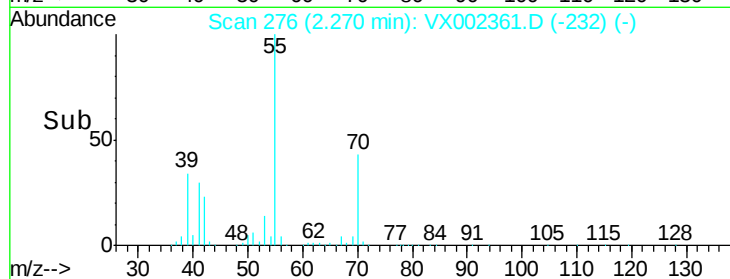
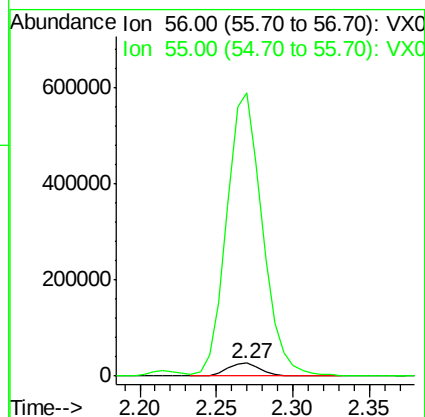
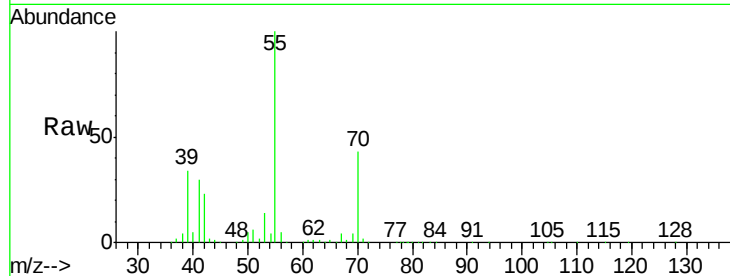
ClientSampleId :

Tot Ion: 56 Resp: 42094

Ion Ratio Lower Upper

56 100

55 2259.9 57.0 85.4#



#14

Allyl chloride

Concen: 9.56 ug/l

RT: 2.81 min Scan# 365

Delta R.T. 0.09 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

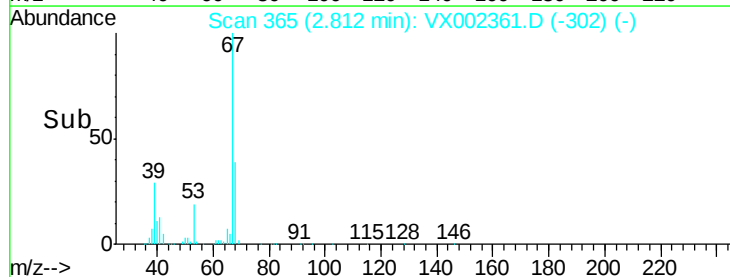
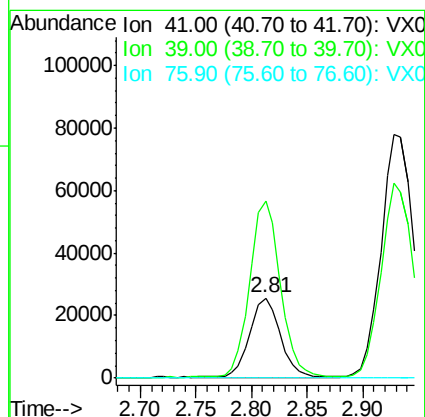
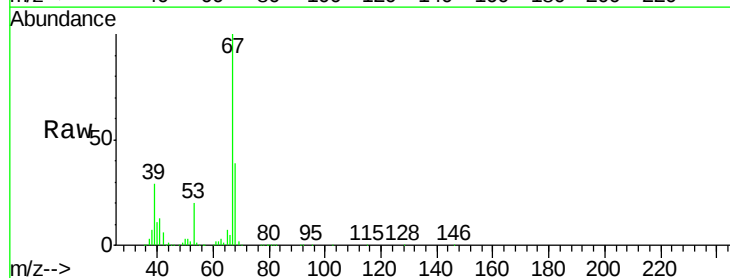
Tgt Ion: 41 Resp: 48769

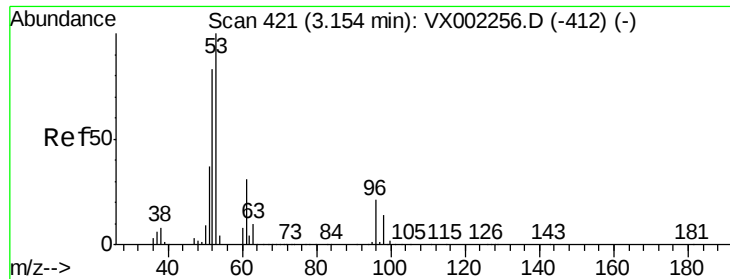
Ion Ratio Lower Upper

41 100

39 221.8 56.8 85.2#

76 0.1 23.8 35.8#





#15

Acrylonitrile

Concen: 2.26 ug/l

RT: 2.93 min Scan# 384

Delta R.T. -0.22 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

ClientSampled :

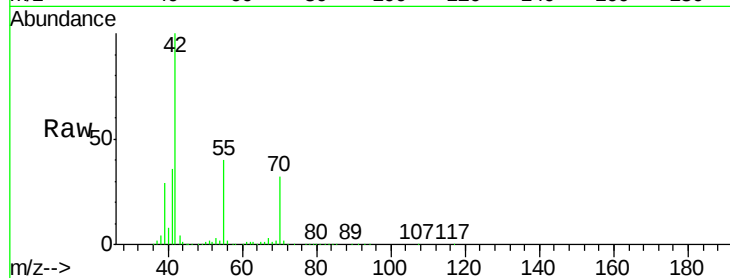
Tot Ion: 53 Resp: 15939

Ion Ratio Lower Upper

53 100

52 19.9 66.7 100.1#

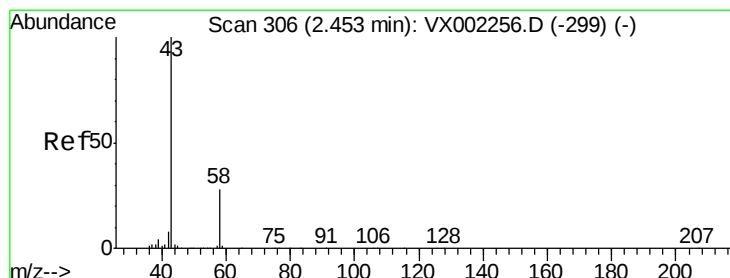
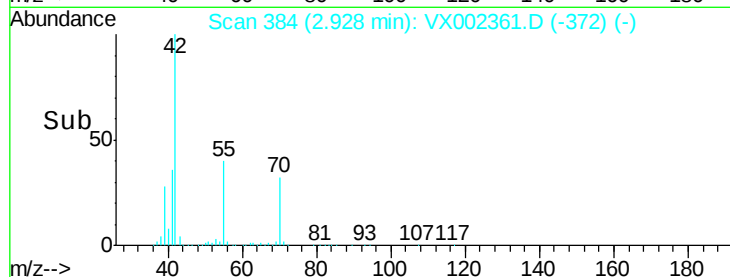
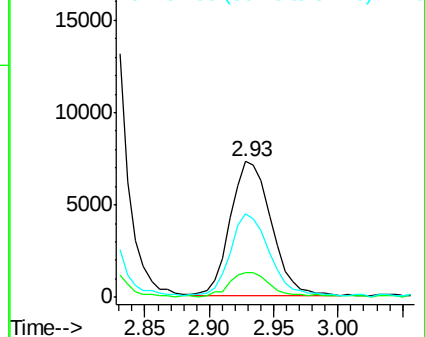
51 59.7 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002361.D

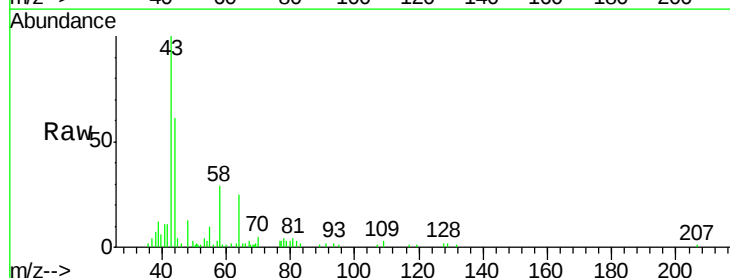
Acq: 06 Jun 2018 19:02

Tgt Ion: 43 Resp: 7002

Ion Ratio Lower Upper

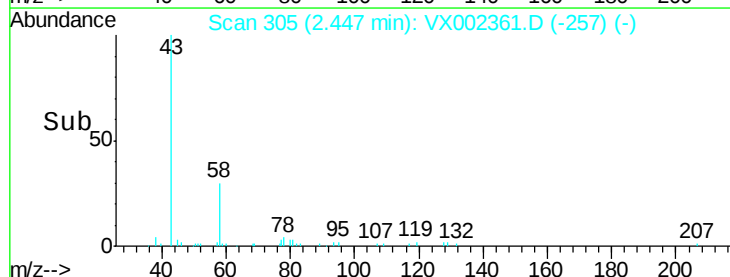
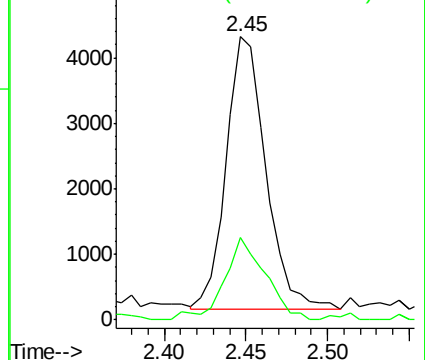
43 100

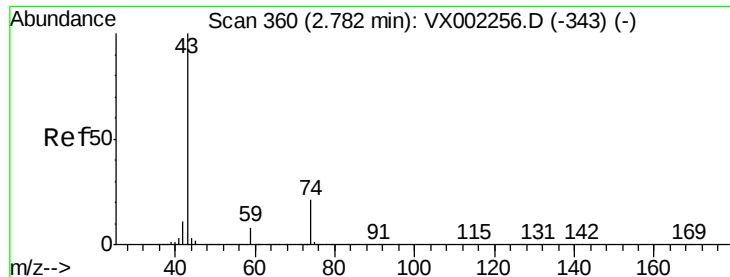
58 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

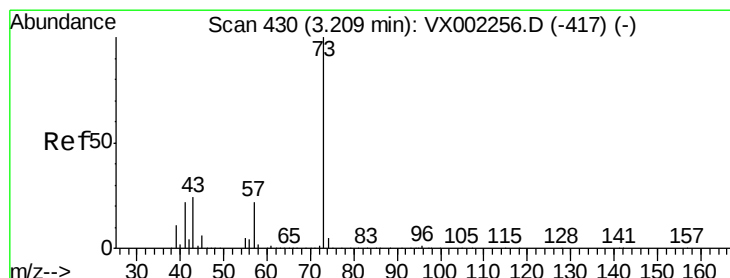
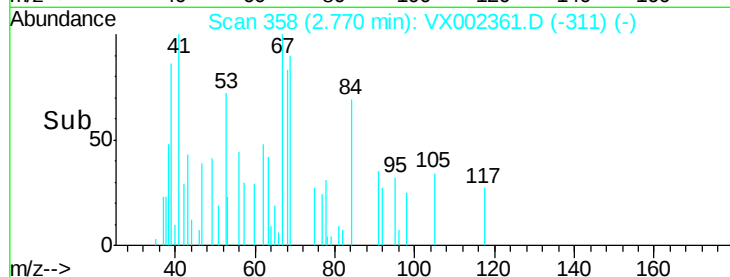
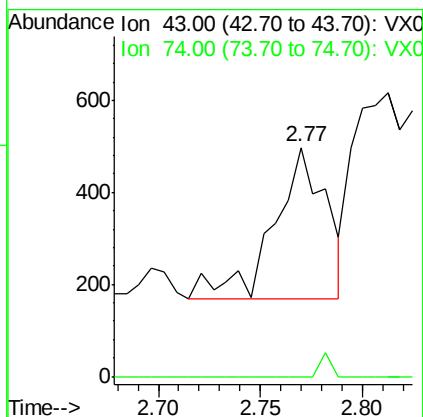
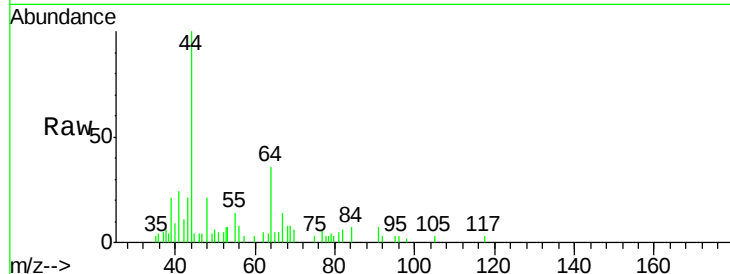




#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

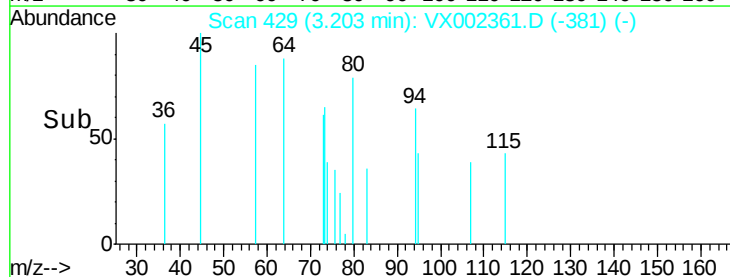
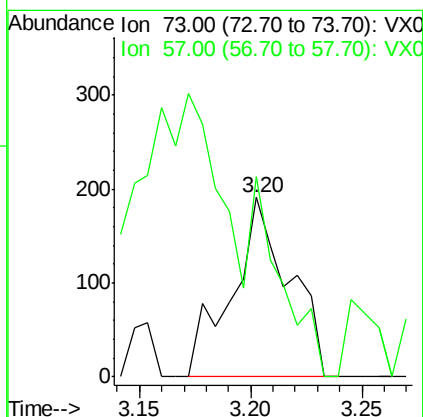
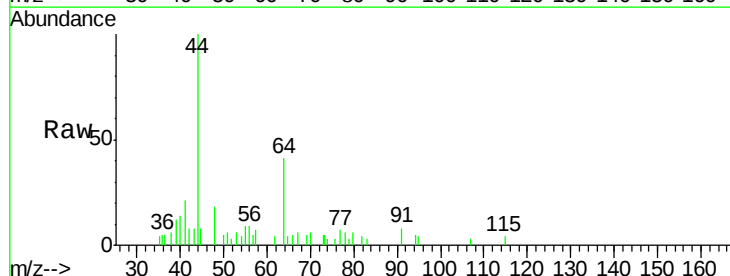
Instrument :
MSVOA_X
ClientSampled :

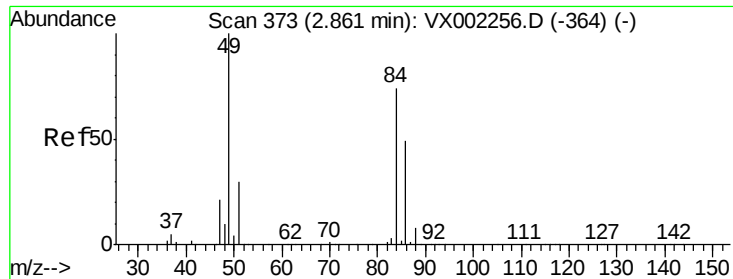
Tot Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
74 3.2 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion: 73 Resp: 343
Ion Ratio Lower Upper
73 100
57 111.5 17.7 26.5#

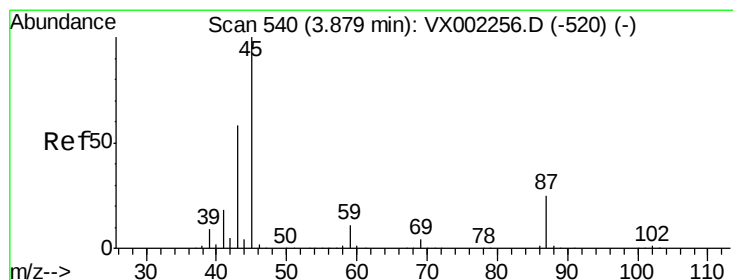
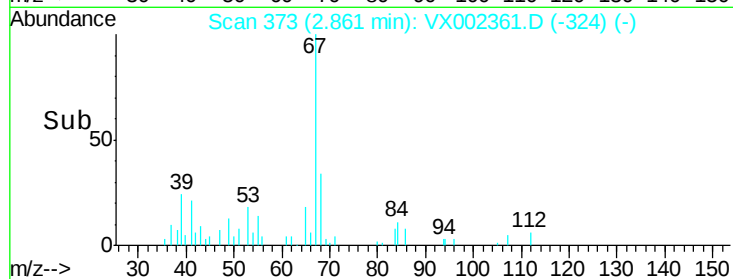
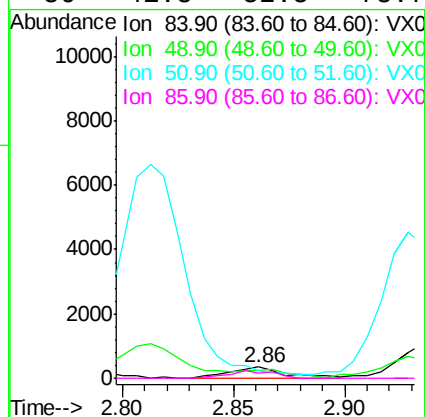
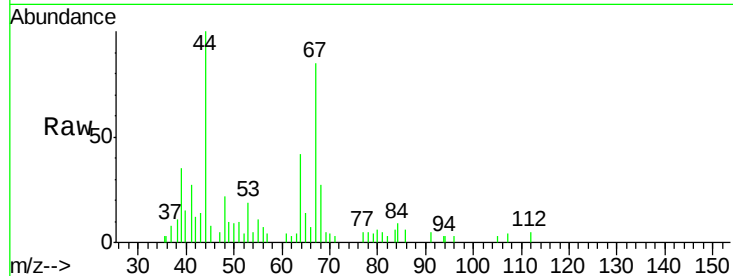




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

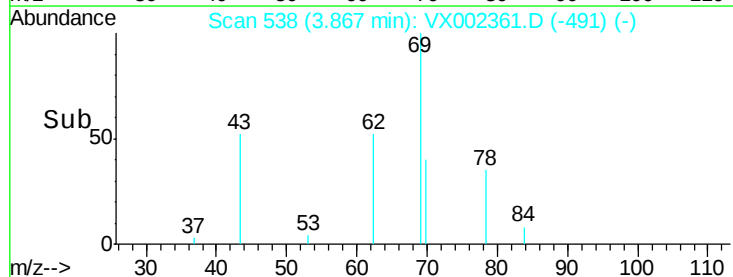
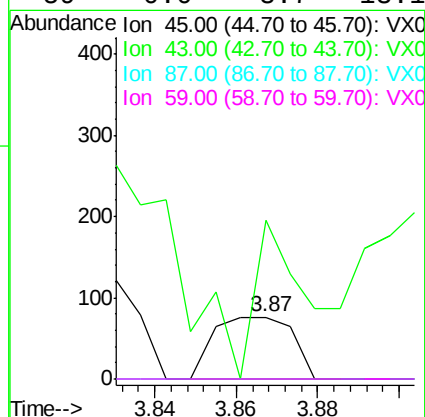
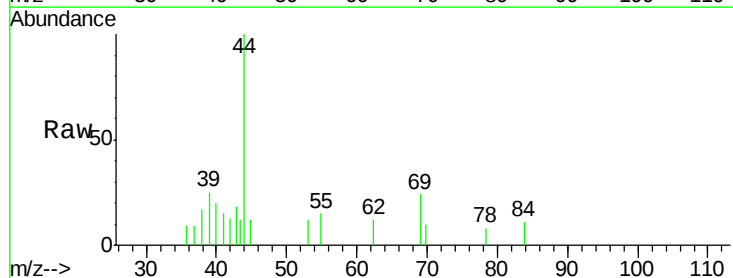
Instrument :
MSVOA_X
ClientSampled :

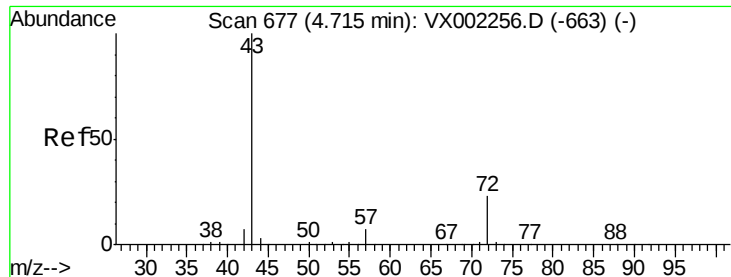
Tot Ion: 84 Resp: 593
Ion Ratio Lower Upper
84 100
49 35.2 107.8 161.6#
51 7.7 32.8 49.2#
86 41.8 52.5 78.7#



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion: 45 Resp: 102
Ion Ratio Lower Upper
45 100
43 180.3 46.8 70.2#
87 0.0 20.2 30.4#
59 0.0 8.7 13.1#





#25

2-Butanone

Concen: 0.50 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

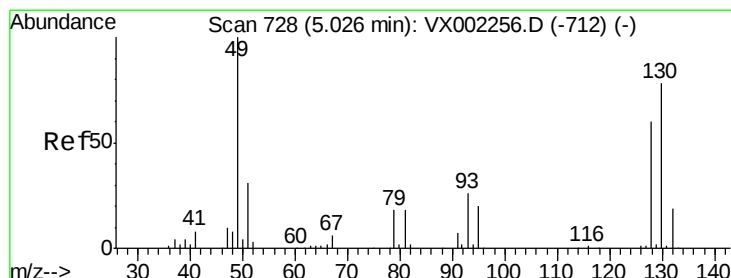
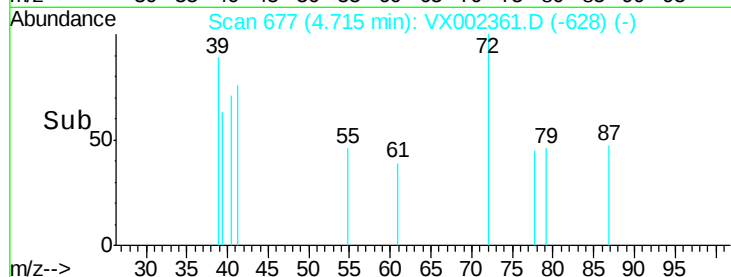
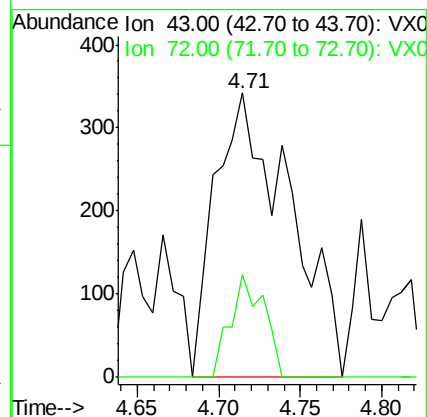
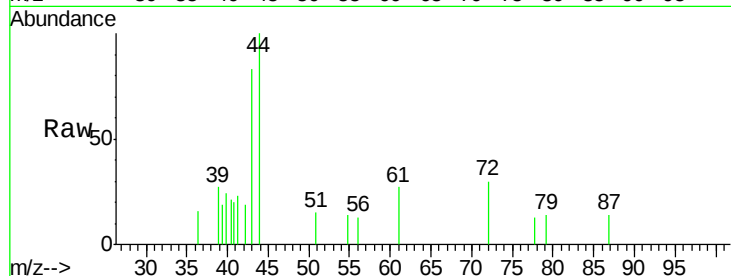
ClientSampleId :

Tot Ion: 43 Resp: 1081

Ion Ratio Lower Upper

43 100

72 36.0 18.5 27.7#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

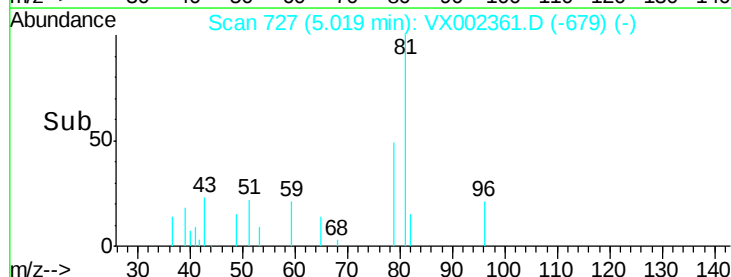
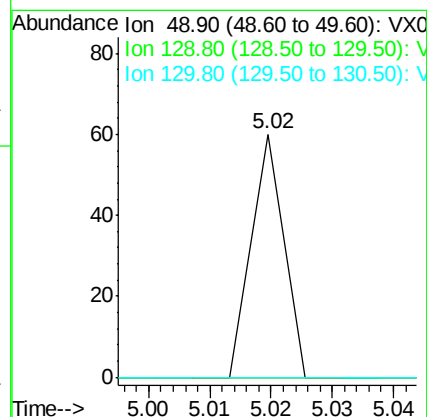
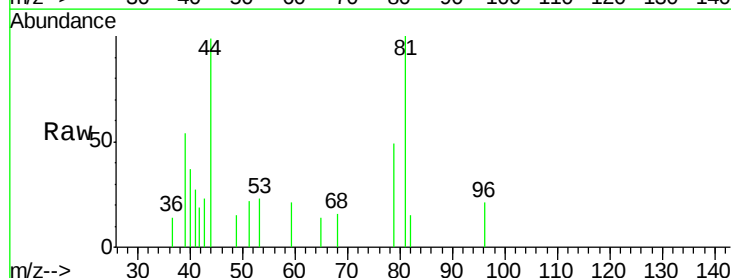
Tgt Ion: 49 Resp: 22

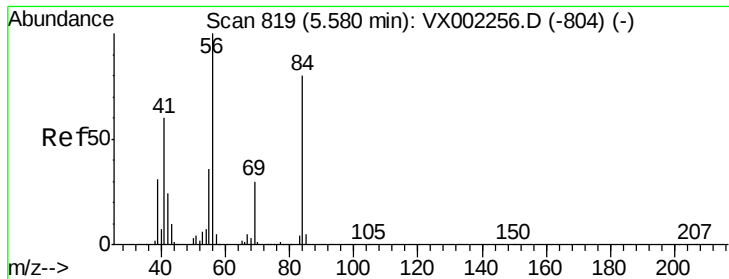
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#





#31

Cyclohexane

Concen: 9.26 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

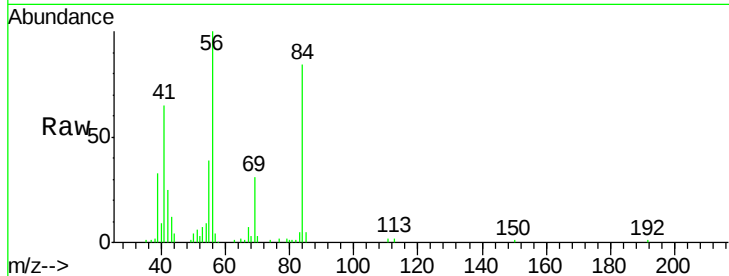
Tot Ion: 56 Resp: 36926

Ion Ratio Lower Upper

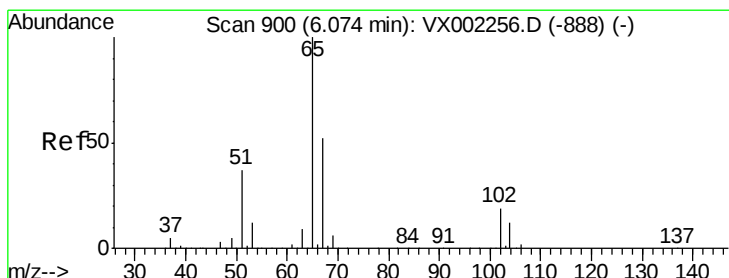
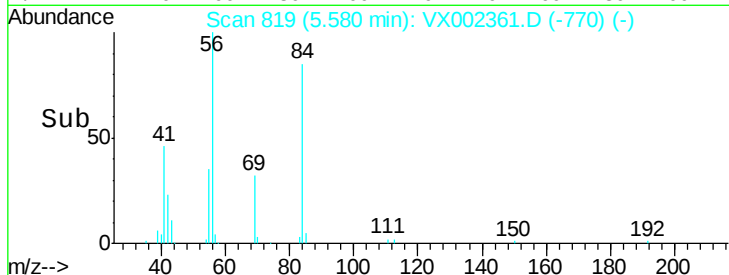
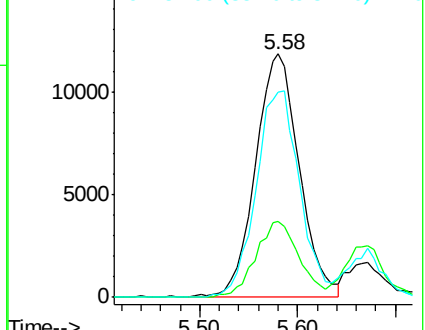
56 100

69 31.4 23.7 35.5

84 84.1 64.1 96.1



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



#33

1,2-Dichloroethane-d4

Concen: 46.71 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002361.D

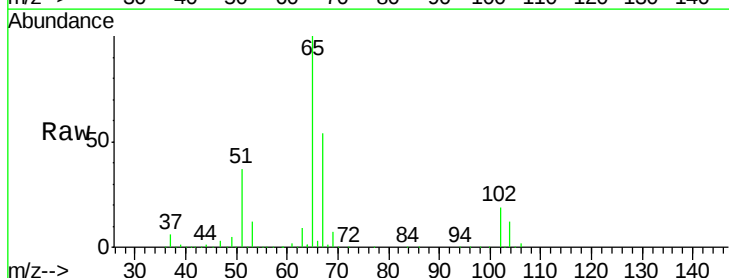
Acq: 06 Jun 2018 19:02

Tgt Ion: 65 Resp: 148254

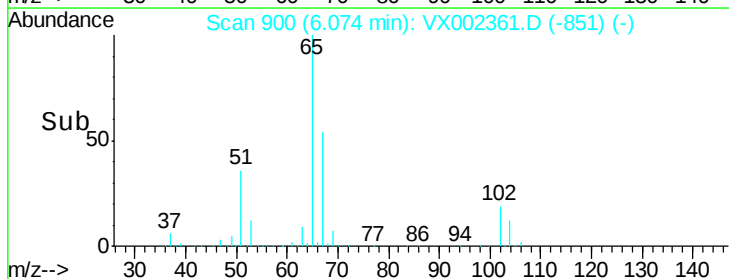
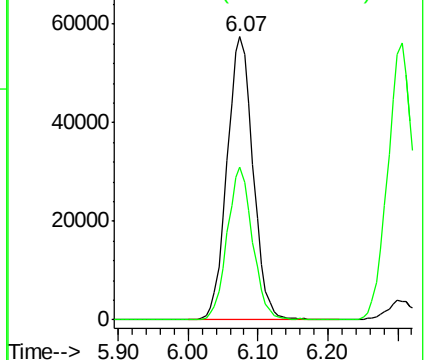
Ion Ratio Lower Upper

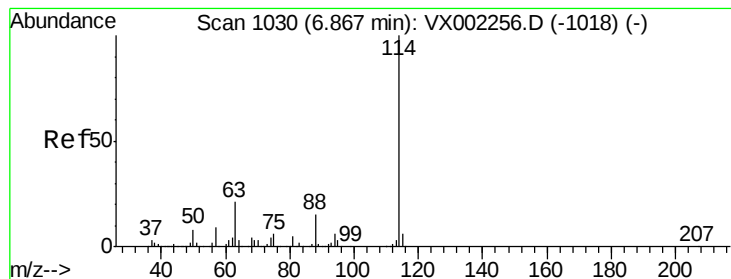
65 100

67 52.3 0.0 102.6



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :
MSVOA_X
ClientSampleId :

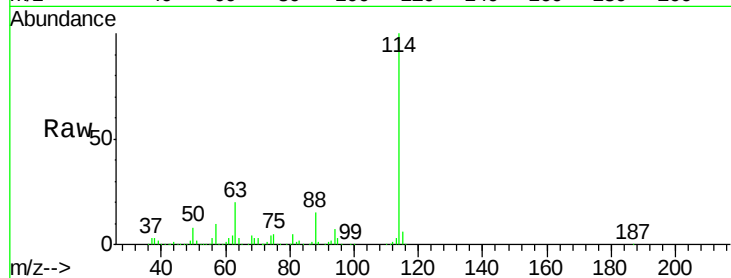
Tot Ion:114 Resp: 319974

Ion Ratio Lower Upper

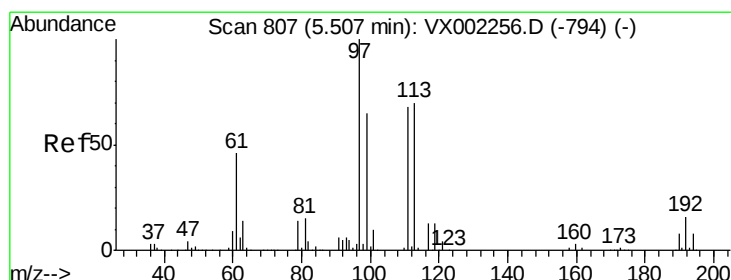
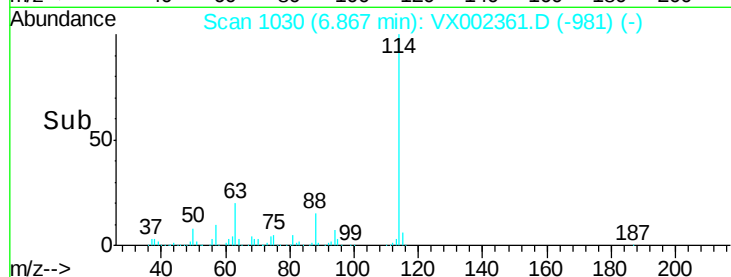
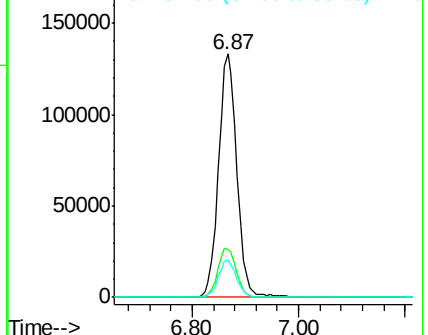
114 100

63 19.9 0.0 41.4

88 15.3 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 44.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

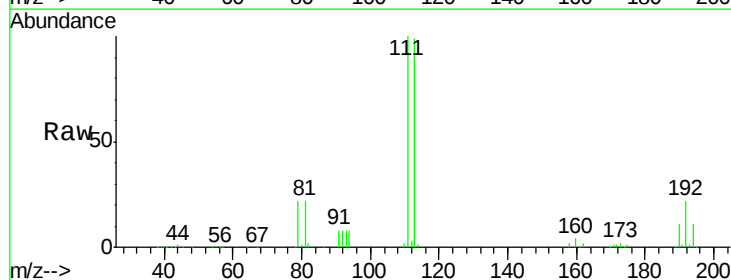
Tgt Ion:113 Resp: 112093

Ion Ratio Lower Upper

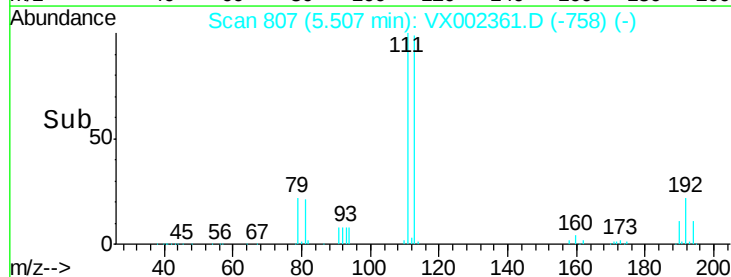
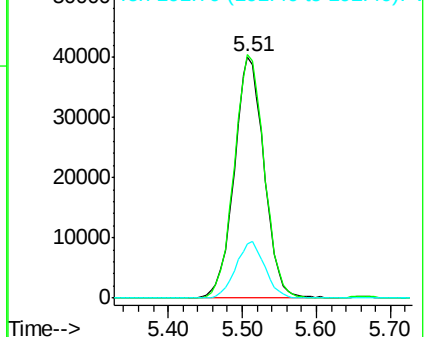
113 100

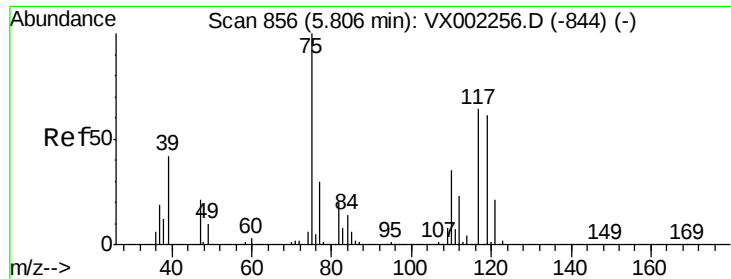
111 101.2 81.4 122.0

192 22.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

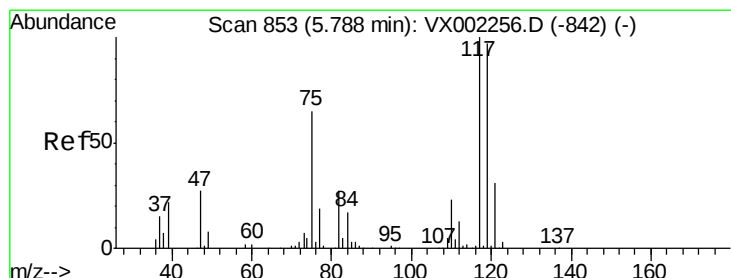
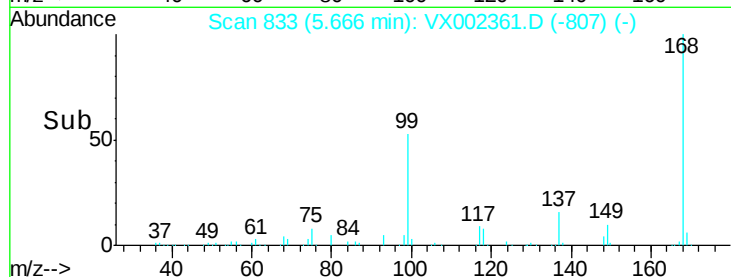
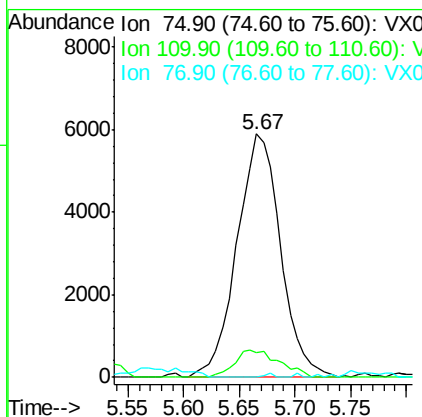
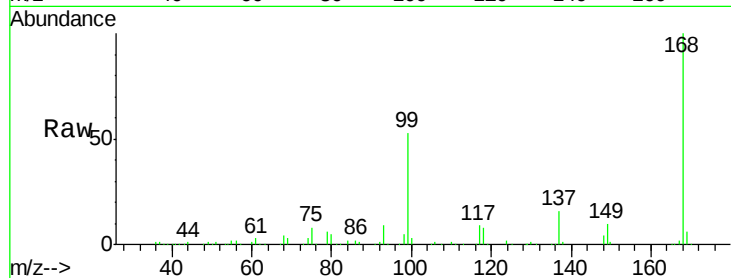




#36
 1,1-Dichloropropene
 Concen: 4.78 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

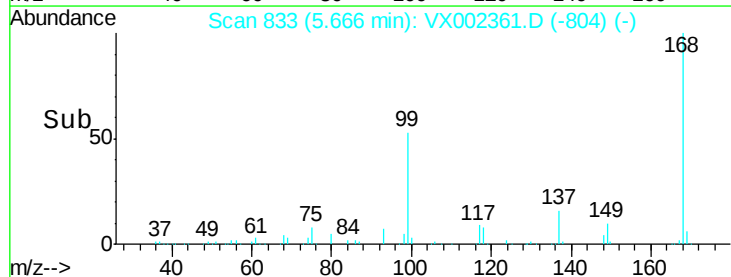
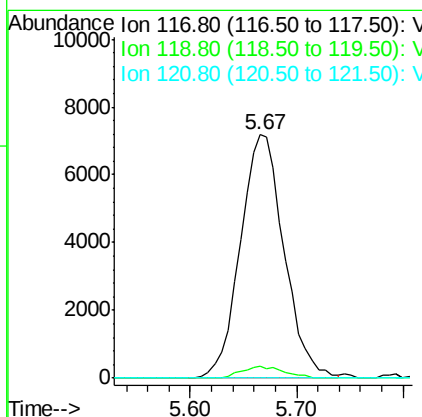
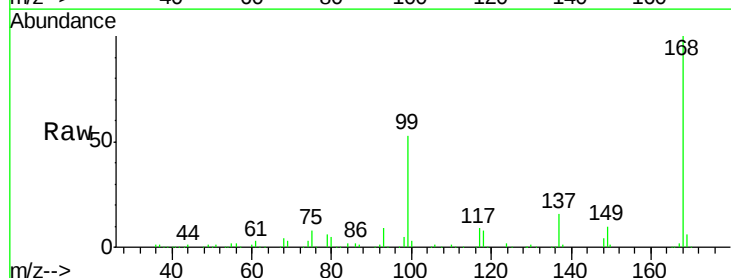
Instrument :
 MSVOA_X
 ClientSampleId :

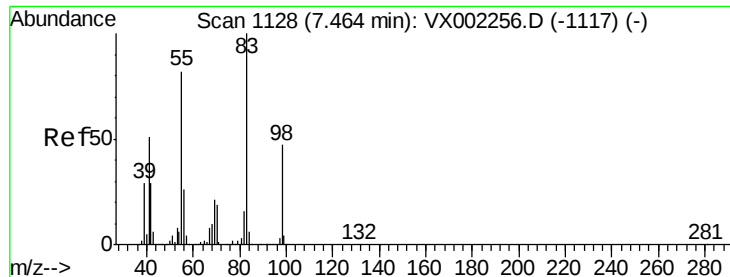
Tot Ion: 75 Resp: 16071
 Ion Ratio Lower Upper
 75 100
 110 11.3 18.1 54.4#
 77 0.3 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.85 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

Tgt Ion: 117 Resp: 20581
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.4 116.0#
 121 0.0 24.4 36.6#

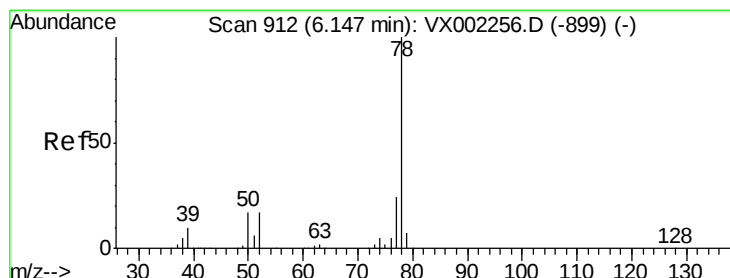
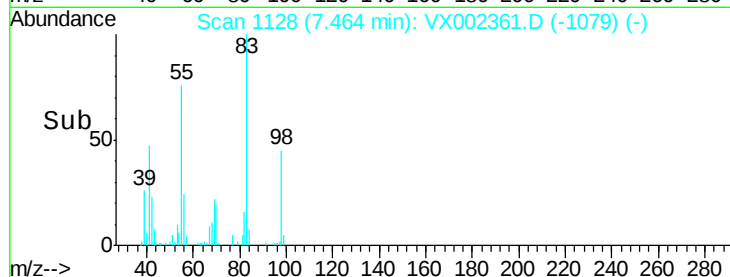
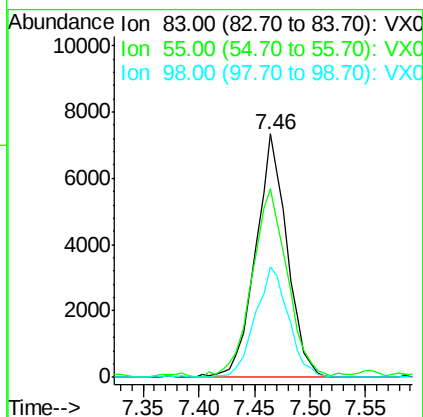
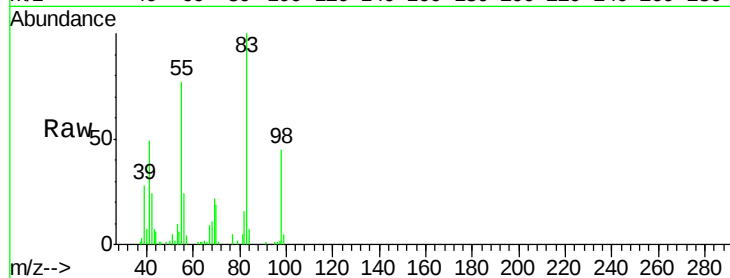




#39
Methvlcvclohexane
Concen: 3.72 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

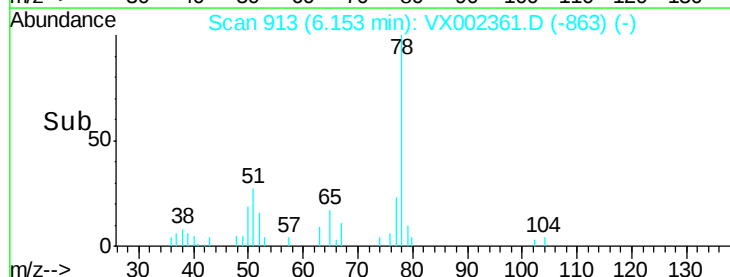
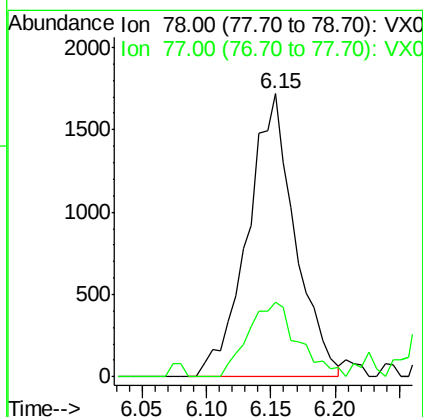
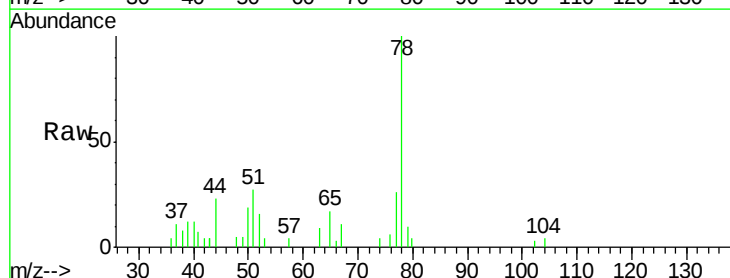
Instrument :
MSVOA_X
ClientSampleId :

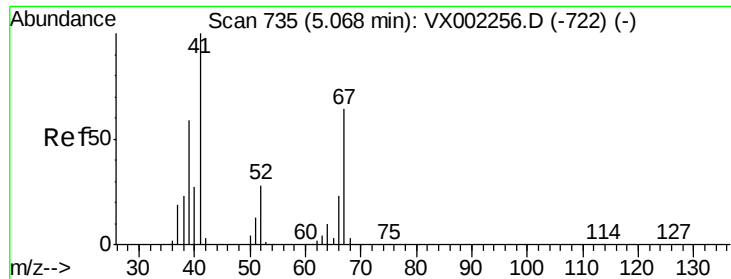
Tot Ion: 83 Resp: 14463
Ion Ratio Lower Upper
83 100
55 76.3 65.4 98.0
98 45.3 37.4 56.0



#40
Benzene
Concen: 0.42 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion: 78 Resp: 4383
Ion Ratio Lower Upper
78 100
77 26.4 19.1 28.7

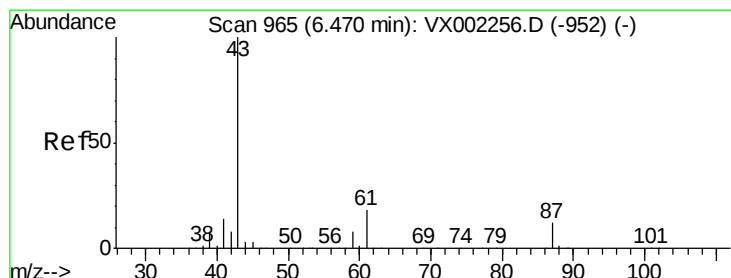
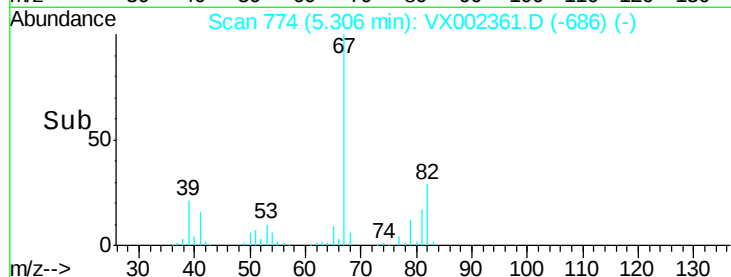
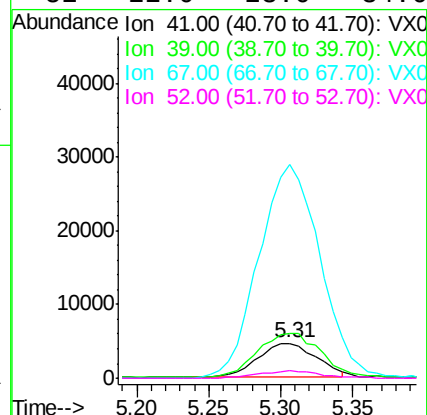
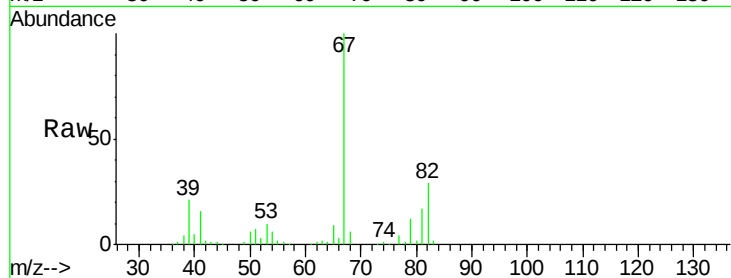




#41
Methacrylonitrile
Concen: 5.69 ug/l
RT: 5.31 min Scan# 774
Delta R.T. 0.24 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

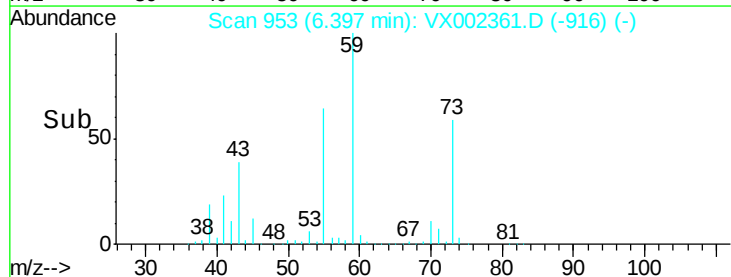
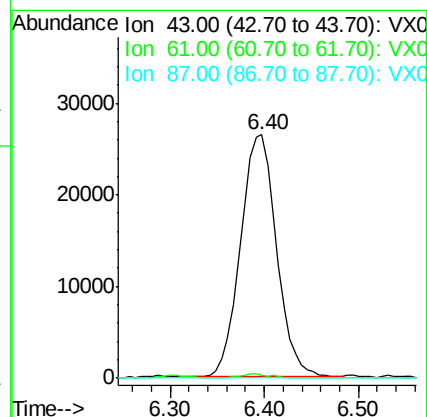
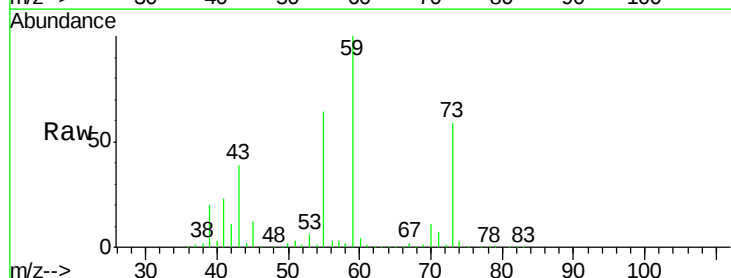
Instrument :
MSVOA_X
ClientSampleId :

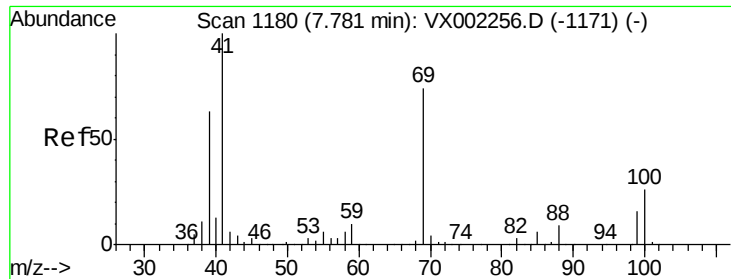
Tot Ion	Ratio	Lower	Upper
41	100		
39	136.9	45.8	68.6#
67	636.1	51.3	76.9#
52	22.0	23.0	34.6#



#43
Isopropyl Acetate
Concen: 10.31 ug/l
RT: 6.40 min Scan# 953
Delta R.T. -0.07 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.6	14.4	21.6#
87	0.0	9.5	14.3#

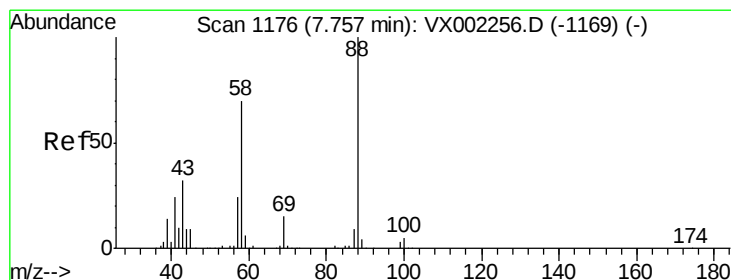
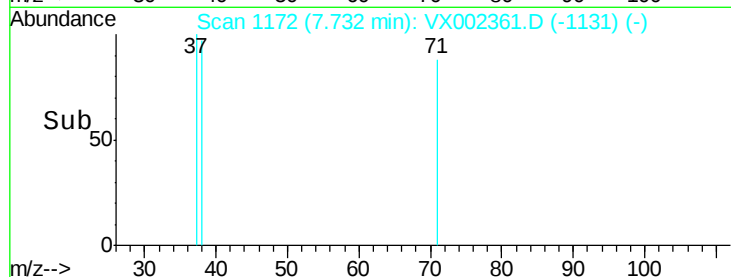
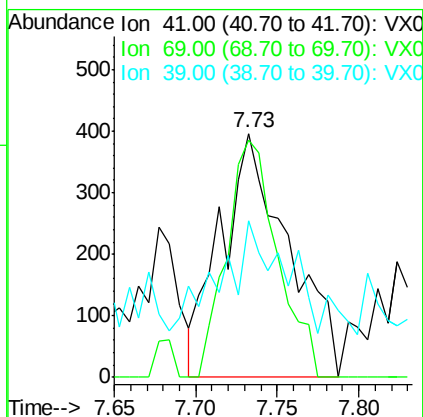
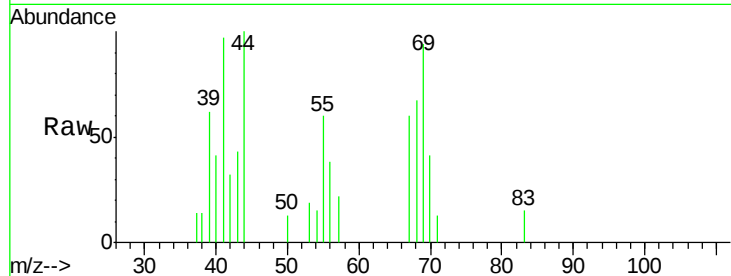




#48
Methvl methacrvlate
Concen: 0.33 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

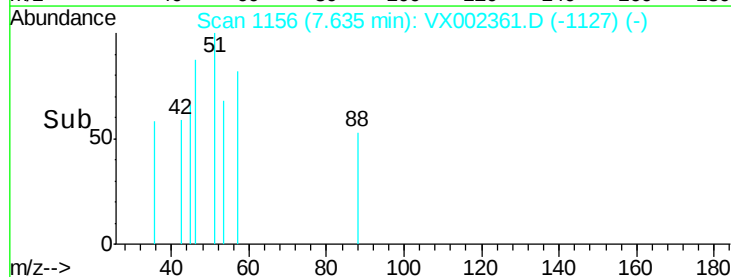
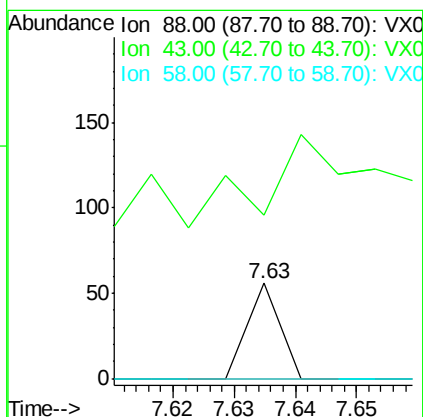
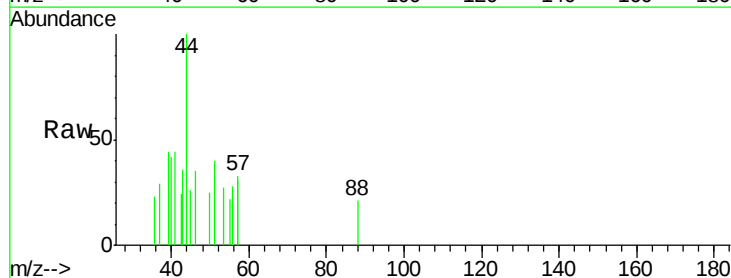
Instrument :
MSVOA_X
ClientSampled :

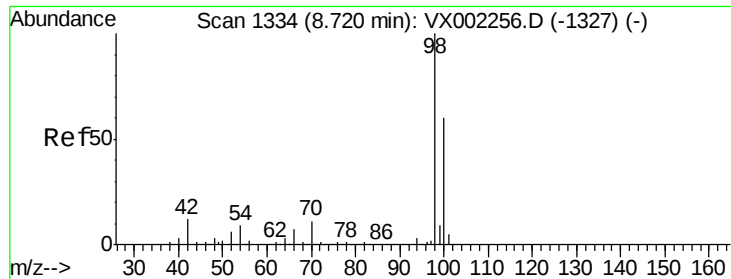
Tot Ion: 41 Resp: 1138
Ion Ratio Lower Upper
41 100
69 73.6 59.1 88.7
39 42.5 48.9 73.3#



#49
1,4-Dioxane
Concen: 0.31 ug/l
RT: 7.63 min Scan# 1156
Delta R.T. -0.12 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 710.0 29.8 44.6#
58 0.0 57.1 85.7#

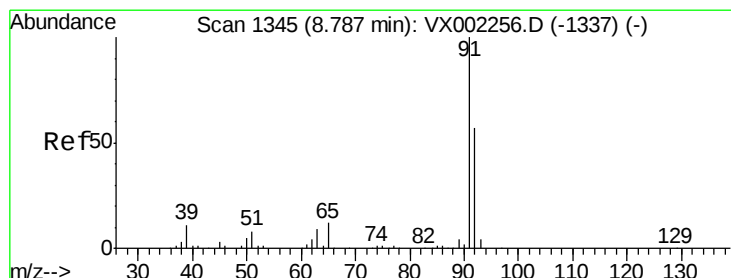
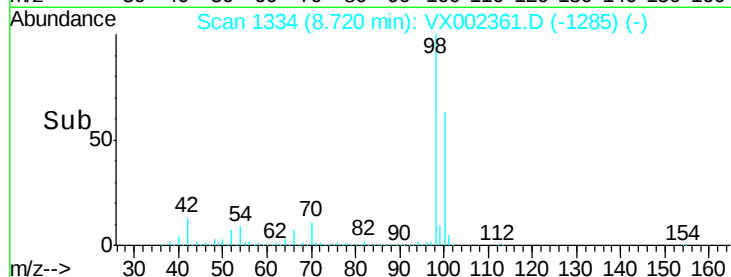
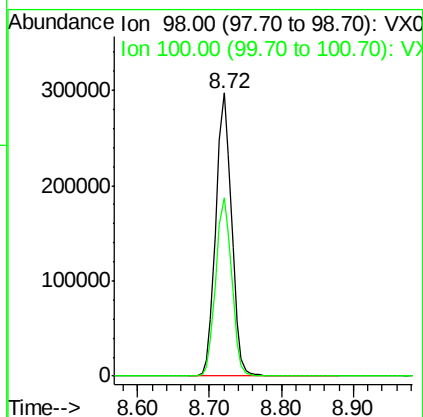
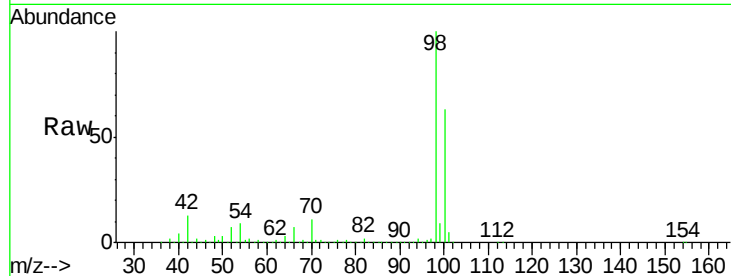




#50
Toluene-d8
Concen: 46.79 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

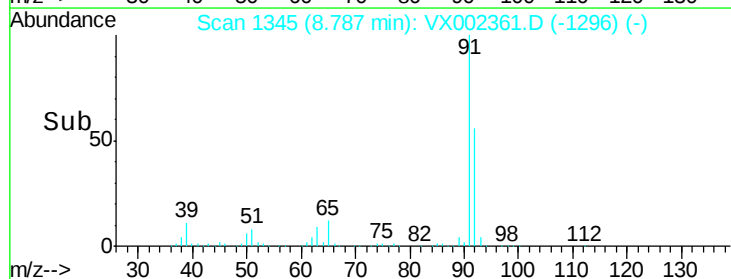
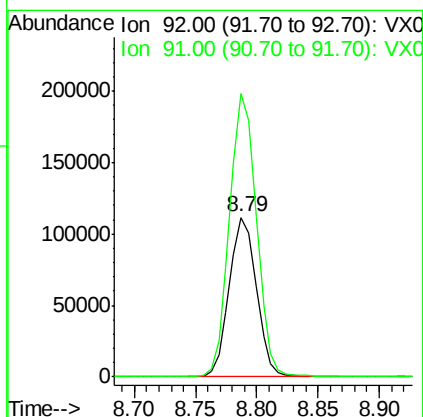
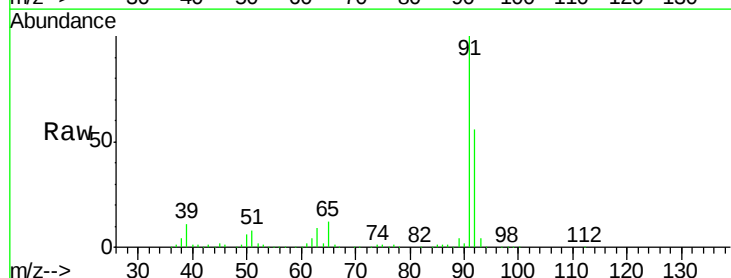
Instrument :
MSVOA_X
ClientSampleId :

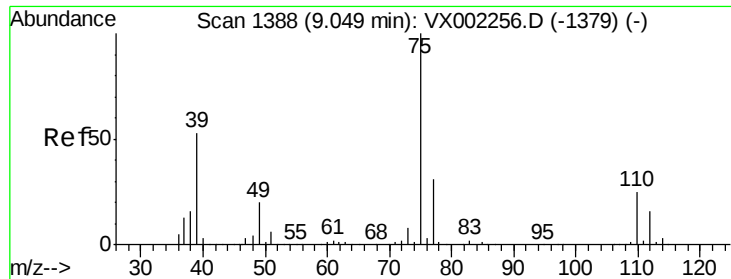
Tot Ion: 98 Resp: 451326
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#52
Toluene
Concen: 26.29 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion: 92 Resp: 172490
Ion Ratio Lower Upper
92 100
91 175.4 140.4 210.6



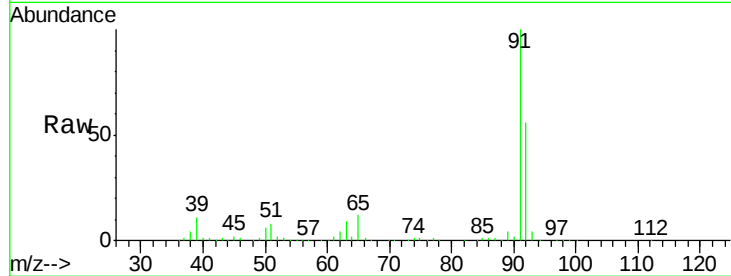


#54

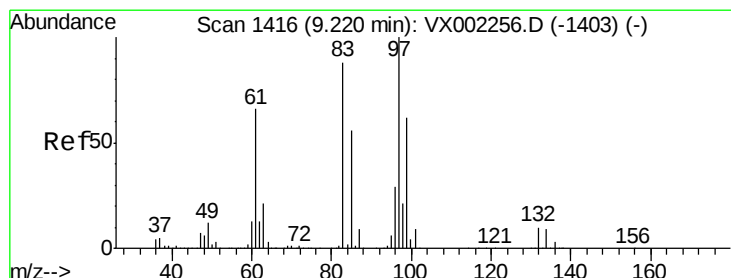
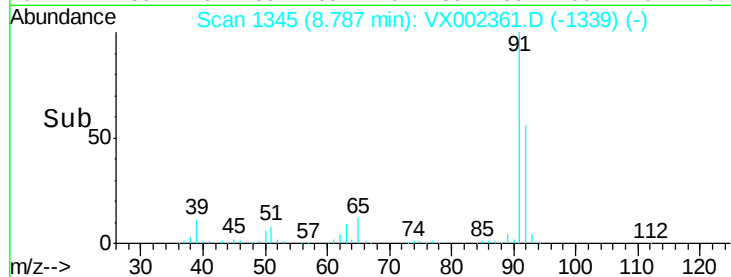
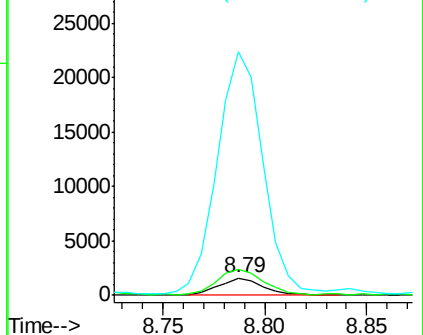
cis-1,3-Dichloropropene
Concen: 0.62 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.26 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 2377
Ion Ratio Lower Upper
75 100
77 140.7 24.8 37.2#
39 1381.2 42.4 63.6#



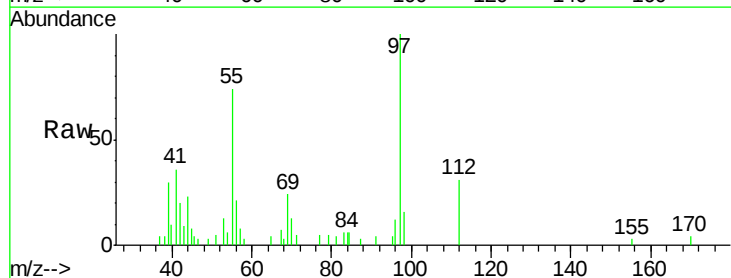
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0



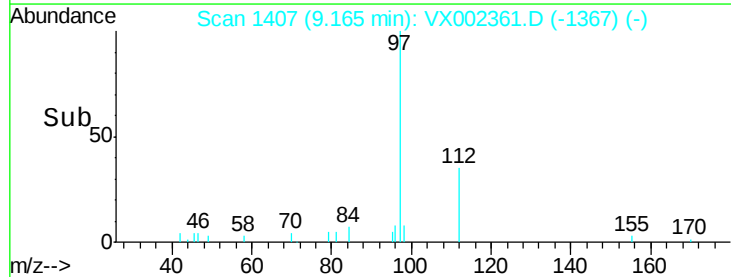
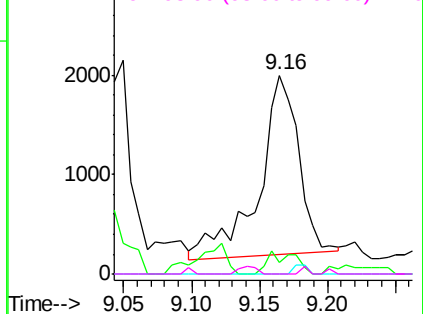
#55

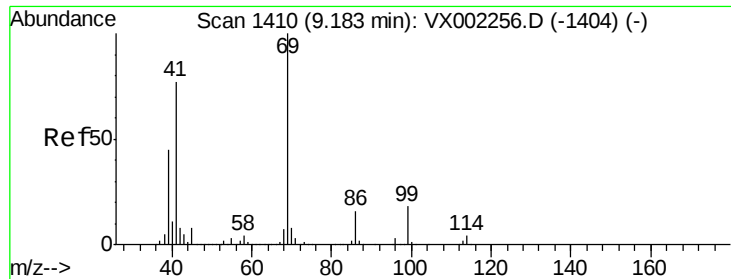
1,1,2-Trichloroethane
Concen: 1.37 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.05 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion: 97 Resp: 3706
Ion Ratio Lower Upper
97 100
83 3.2 70.2 105.2#
85 0.0 44.9 67.3#
99 0.0 49.8 74.8#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

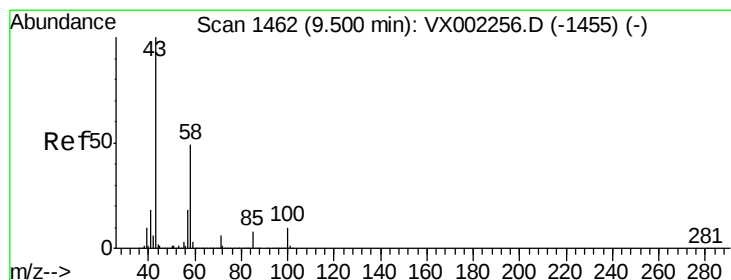
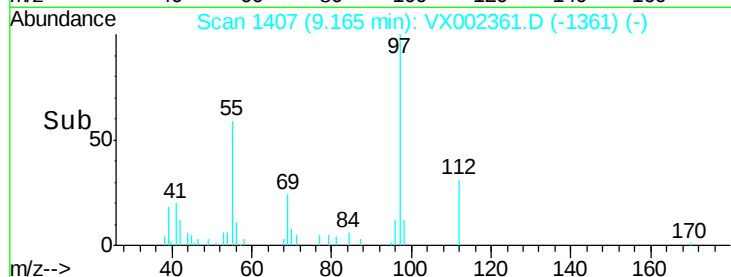
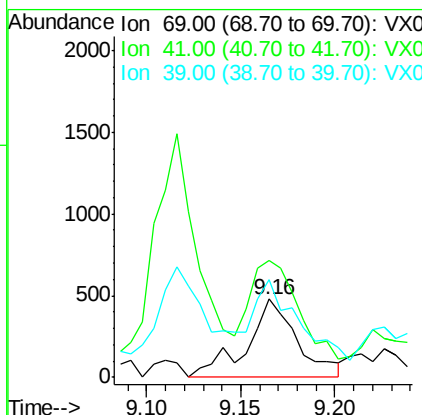
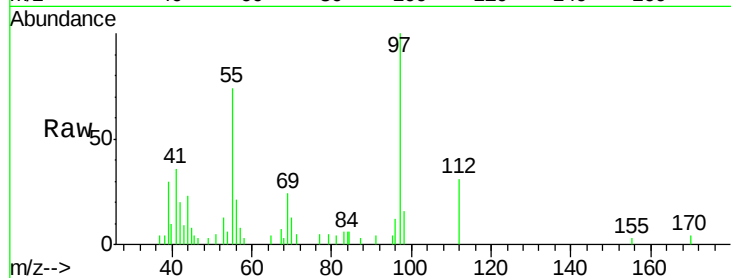




#56
Ethyl methacrylate
Concen: 0.21 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

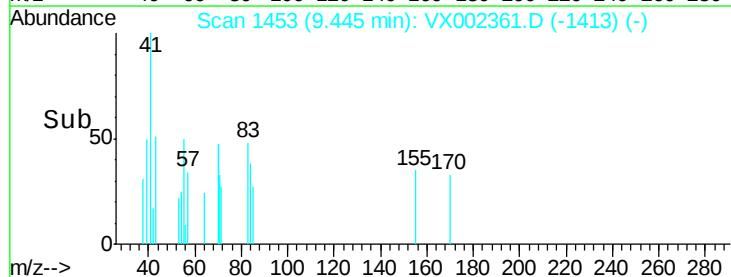
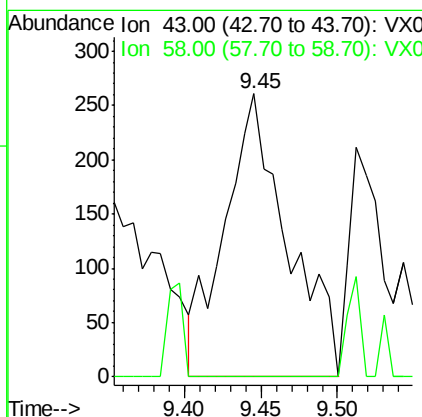
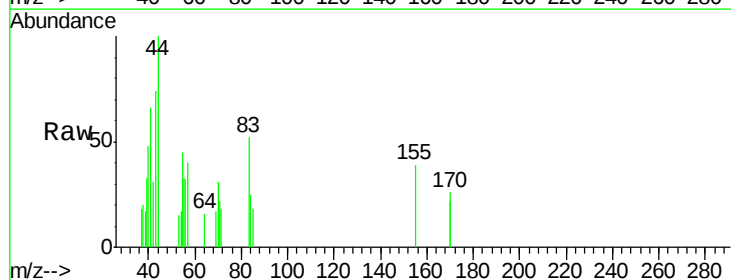
Instrument :
MSVOA_X
ClientSampleId :

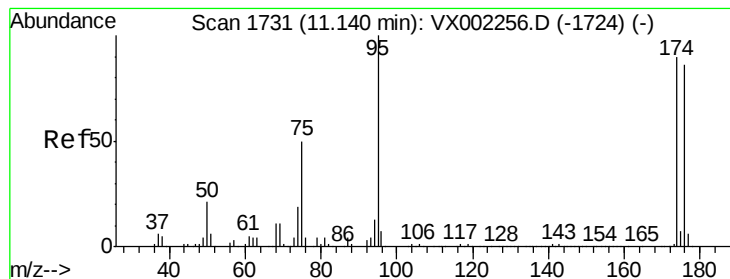
Tot Ion: 69 Resp: 892
Ion Ratio Lower Upper
69 100
41 117.7 60.3 90.5#
39 90.8 35.8 53.8#



#59
2-Hexanone
Concen: 0.22 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.05 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 43.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

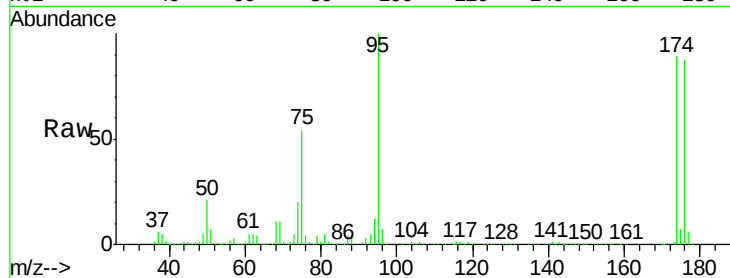
Tot Ion: 95 Resp: 163098

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.4

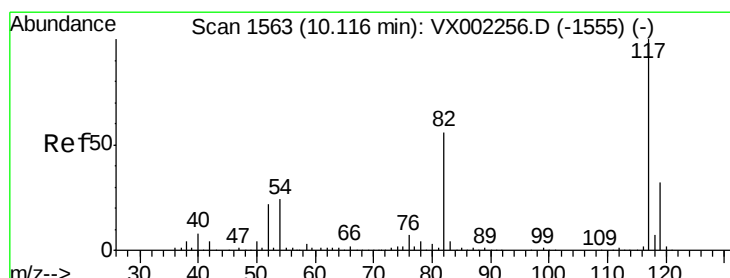
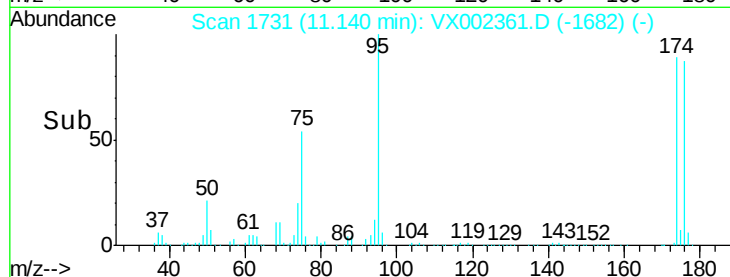
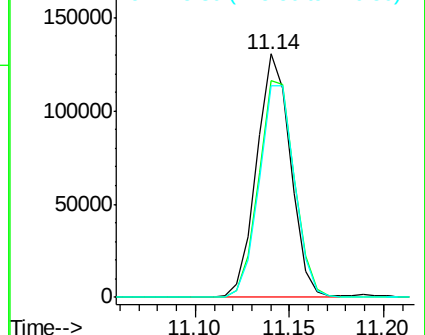
176 91.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

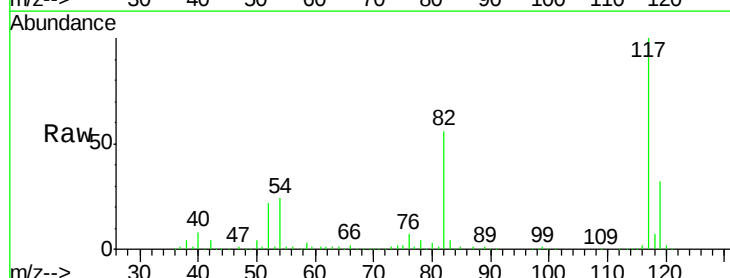
Tgt Ion: 117 Resp: 288353

Ion Ratio Lower Upper

117 100

82 55.5 45.0 67.4

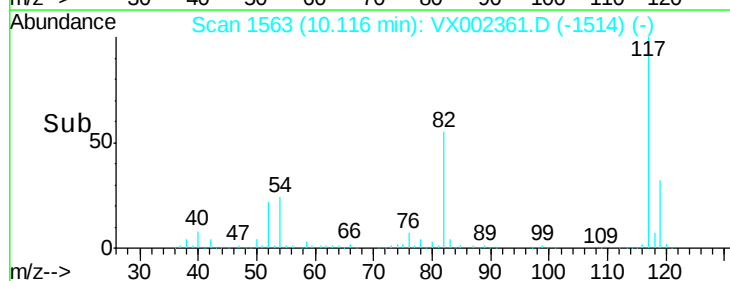
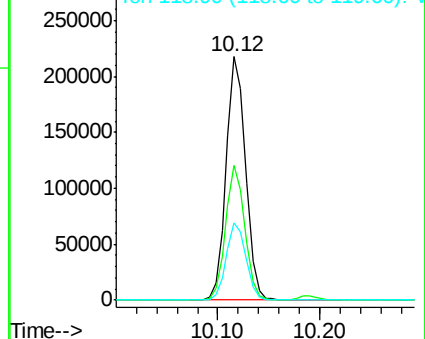
119 31.9 25.8 38.6

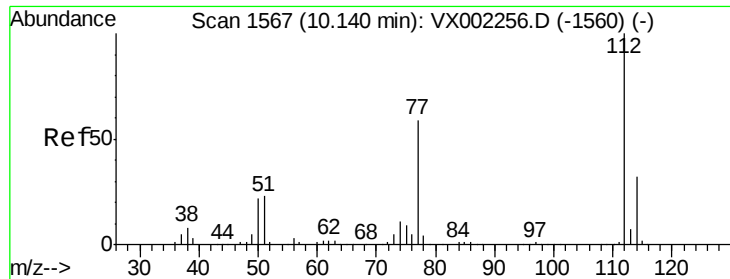


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

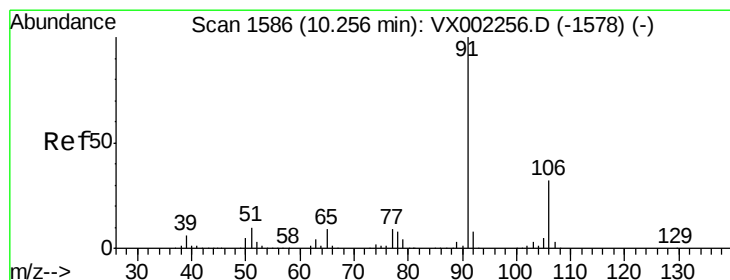
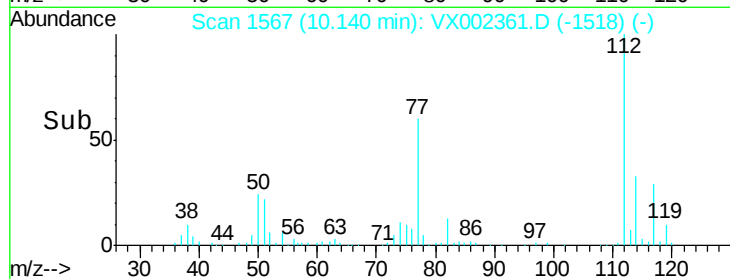
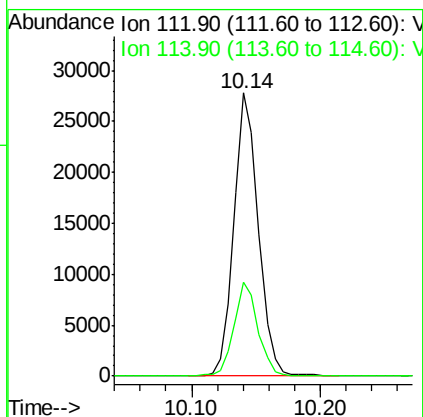
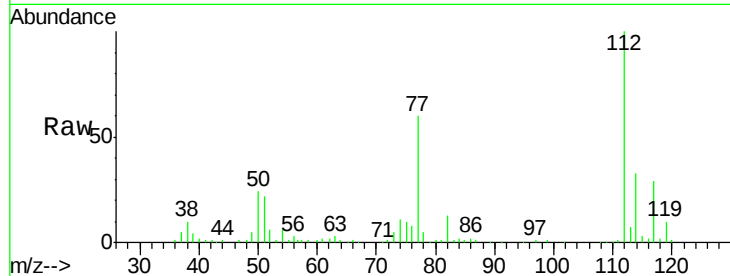




#65
Chlorobenzene
Concen: 5.13 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

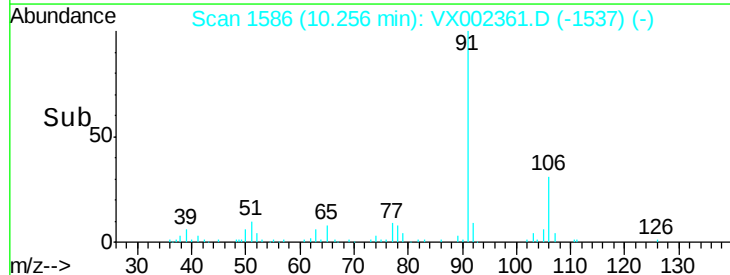
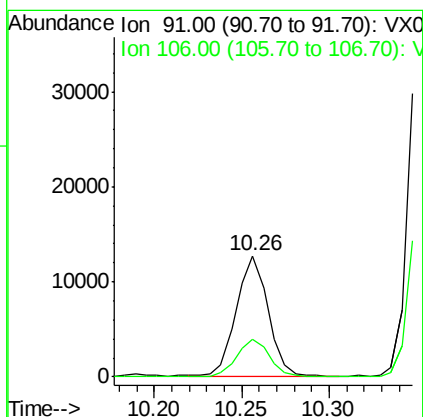
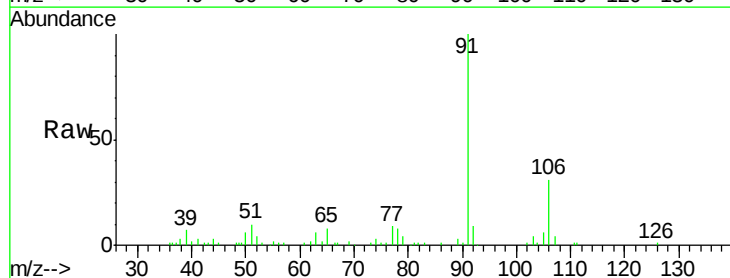
Instrument :
MSVOA_X
ClientSampleId :

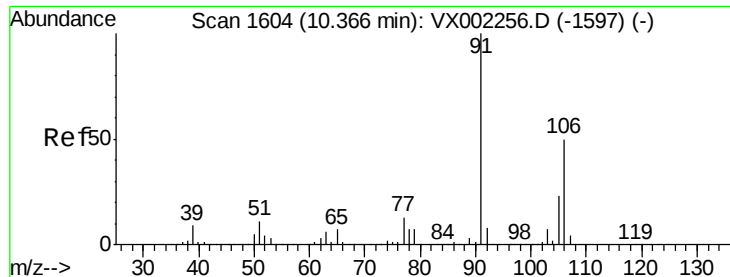
Tot Ion:112 Resp: 36814
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9



#67
Ethyl Benzene
Concen: 1.33 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion: 91 Resp: 15946
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3

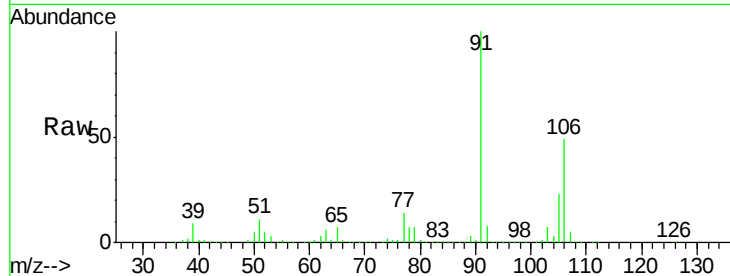




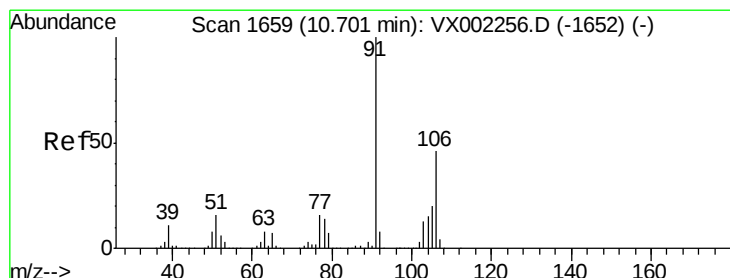
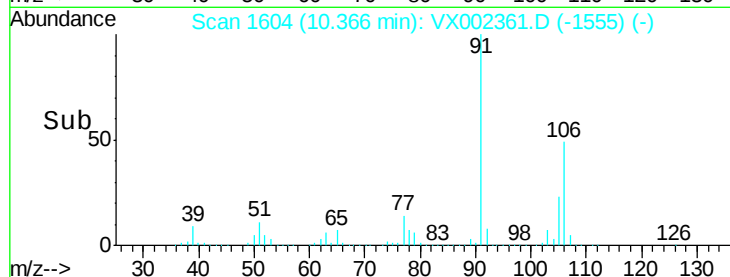
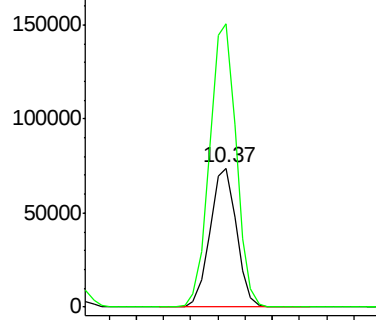
#68
m/p-Xylenes
Concen: 21.47 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 100214
Ion Ratio Lower Upper
106 100
91 204.1 163.4 245.2

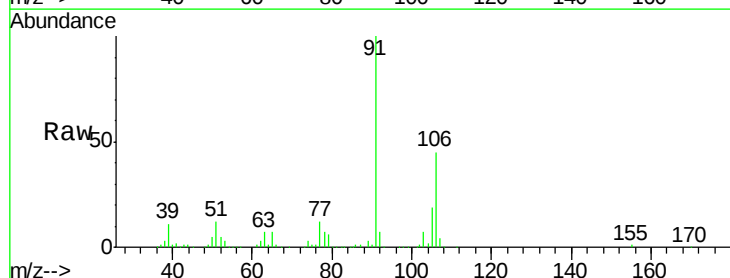


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

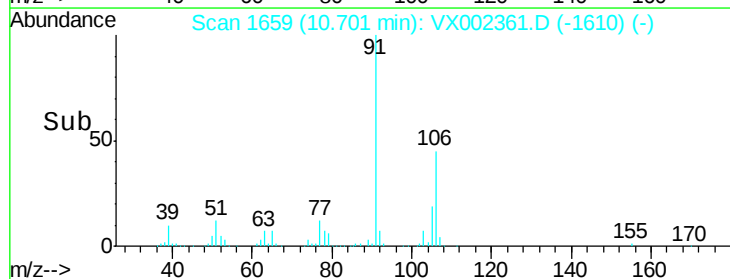
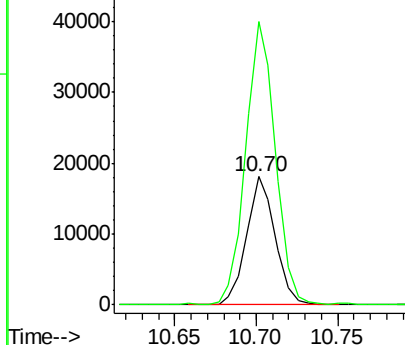


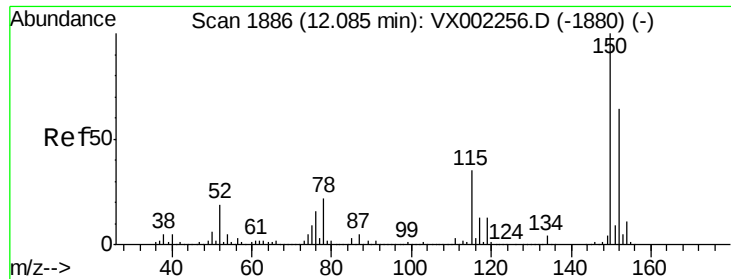
#69
o-Xylene
Concen: 4.77 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002361.D
Acq: 06 Jun 2018 19:02

Tgt Ion:106 Resp: 22146
Ion Ratio Lower Upper
106 100
91 228.9 108.2 324.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

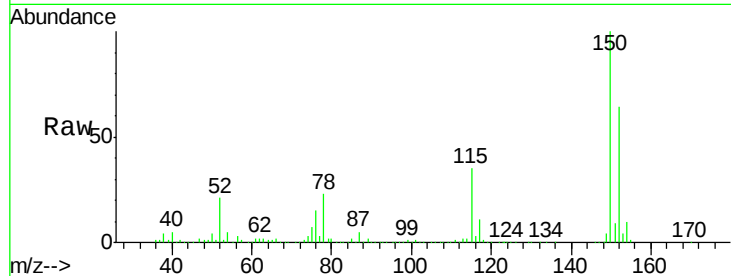
Tot Ion:152 Resp: 171085

Ion Ratio Lower Upper

152 100

115 55.4 40.1 120.2

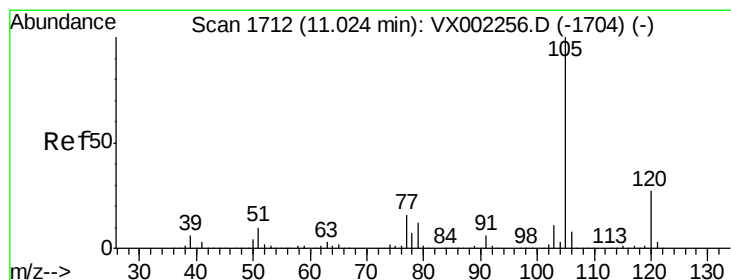
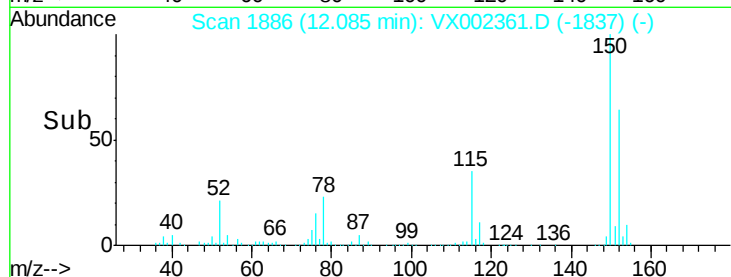
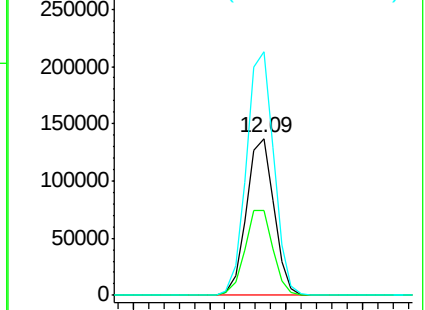
150 155.9 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 13.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002361.D

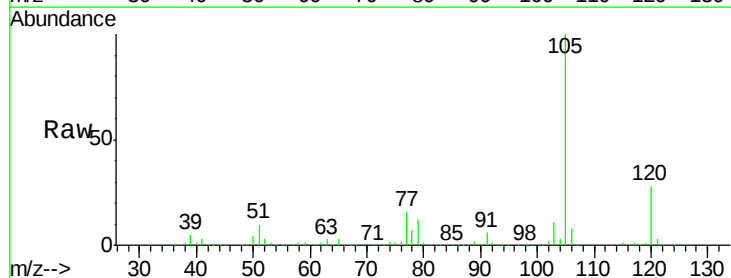
Acq: 06 Jun 2018 19:02

Tgt Ion:105 Resp: 157934

Ion Ratio Lower Upper

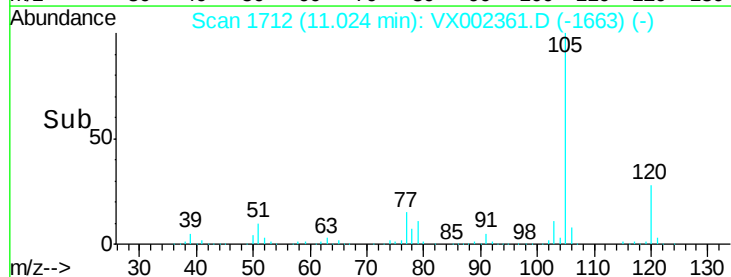
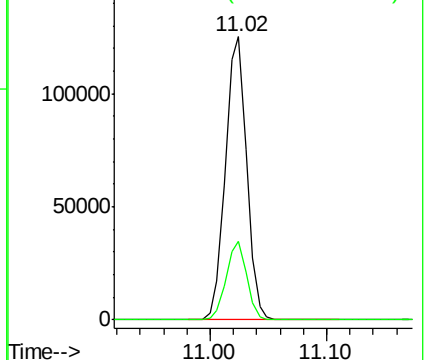
105 100

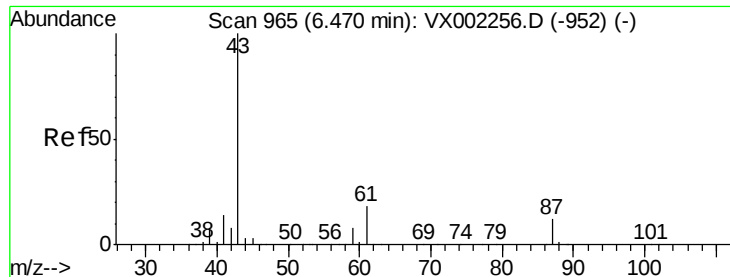
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 11.05 ug/l

RT: 6.40 min Scan# 953

Delta R.T. -0.07 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 70866

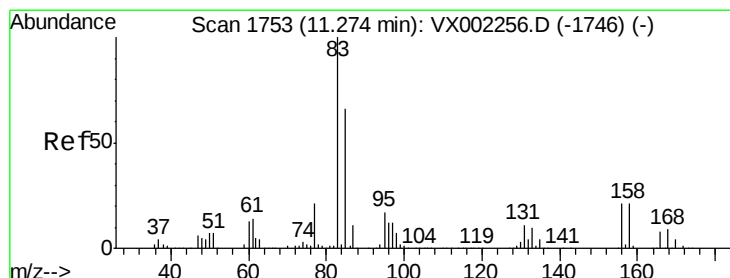
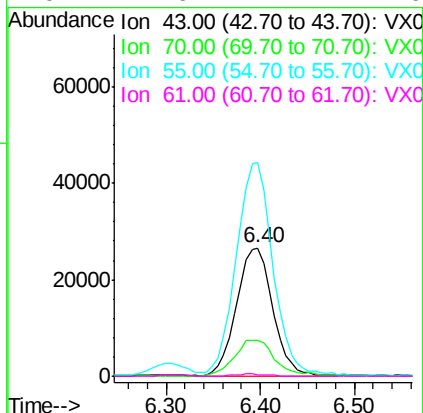
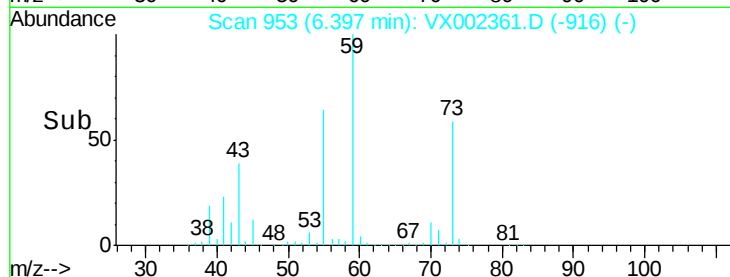
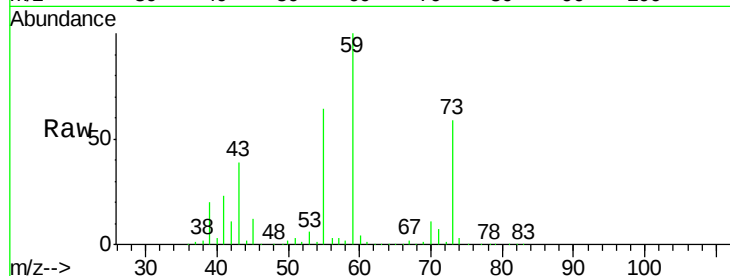
Ion Ratio Lower Upper

43 100

70 33.1 0.0 0.0#

55 171.2 0.0 0.0#

61 1.6 14.4 21.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.21 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

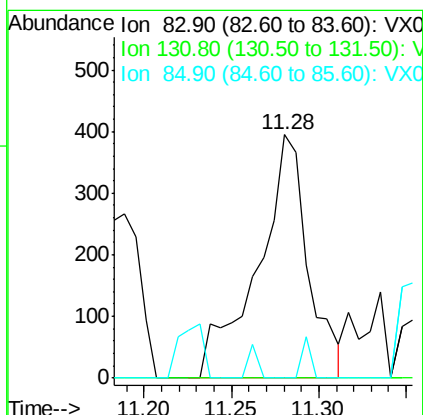
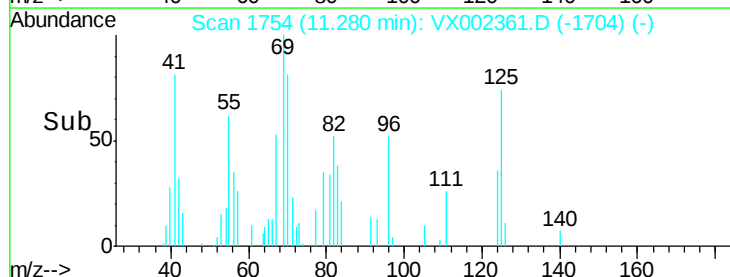
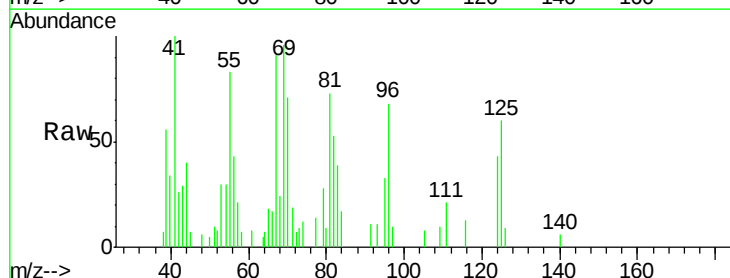
Tgt Ion: 83 Resp: 793

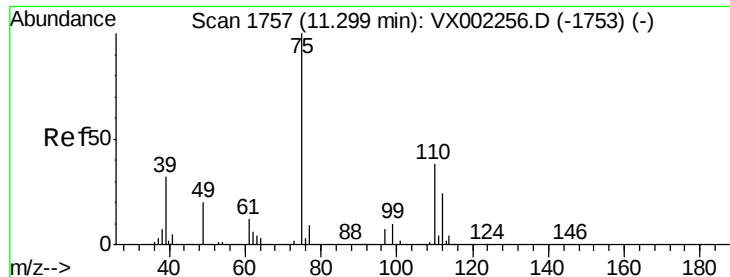
Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 3.2 32.4 97.2#

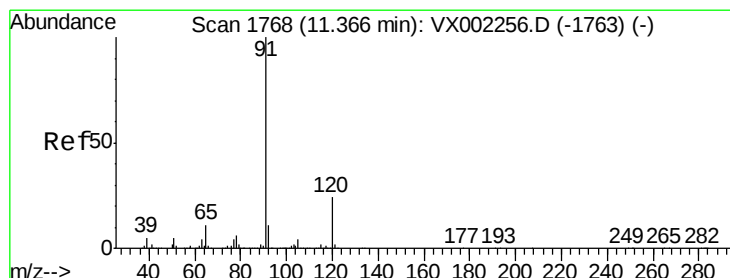
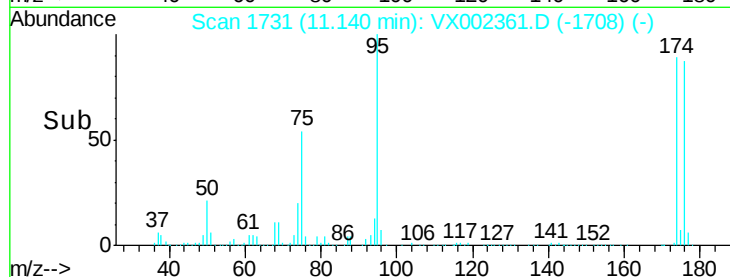
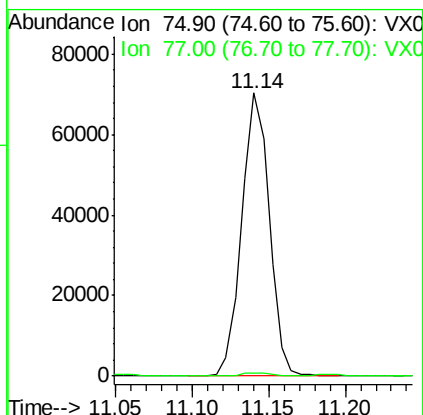
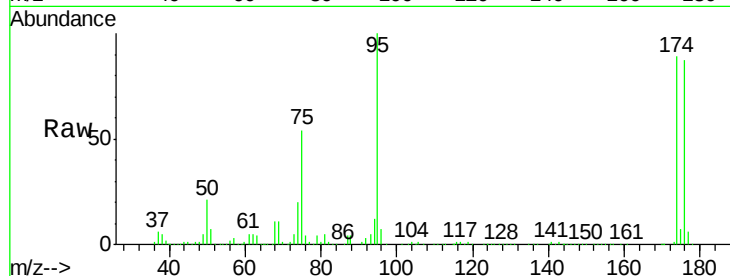




#76
 1,2,3-Trichloropropane
 Concen: 23.41 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

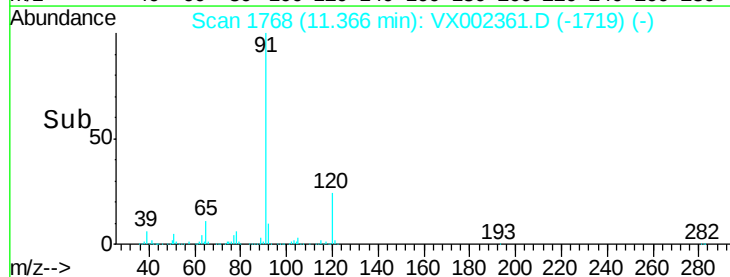
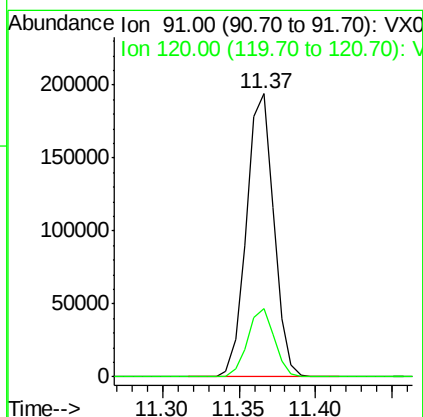
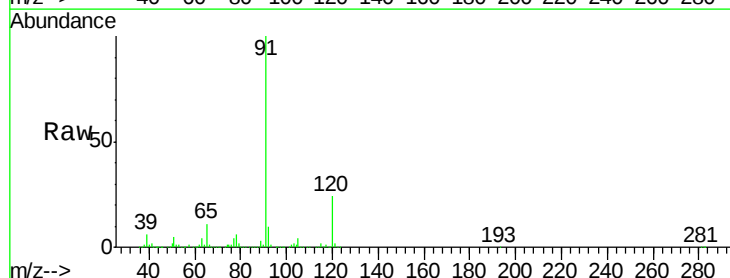
Instrument :
 MSVOA_X
 ClientSampleId :

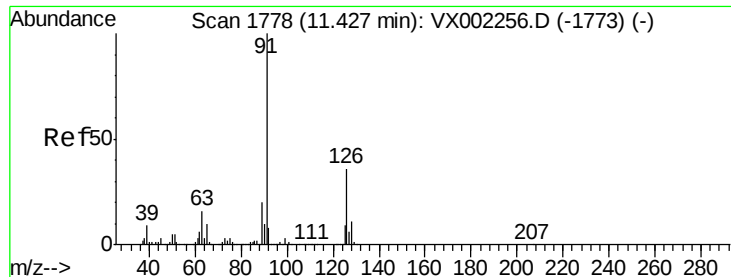
Tot Ion: 75 Resp: 87879
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.8 68.3#



#78
 n-propylbenzene
 Concen: 18.22 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

Tgt Ion: 91 Resp: 240991
 Ion Ratio Lower Upper
 91 100
 120 23.6 11.8 35.4





#79

2-Chlorotoluene

Concen: 28.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

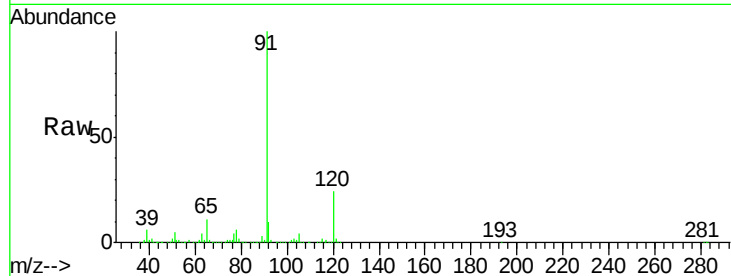
ClientSampleId :

Tot Ion: 91 Resp: 240991

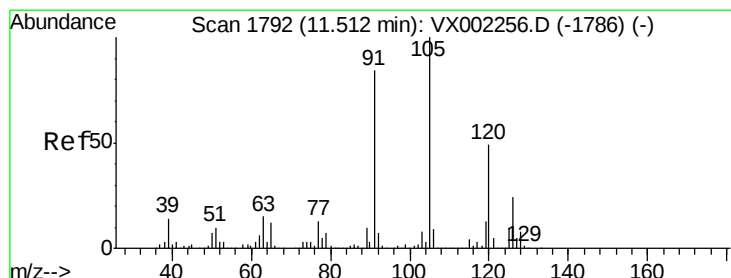
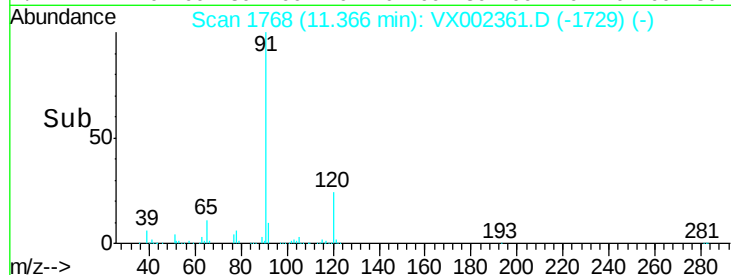
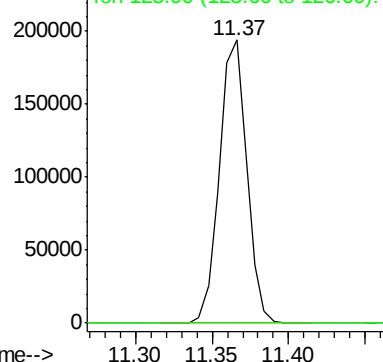
Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.89 ug/l

RT: 11.67 min Scan# 1818

Delta R.T. 0.16 min

Lab File: VX002361.D

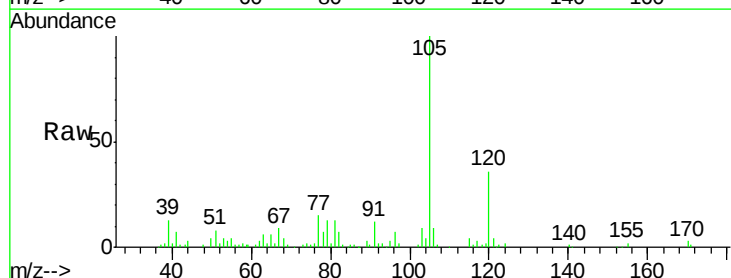
Acq: 06 Jun 2018 19:02

Tgt Ion: 105 Resp: 19285

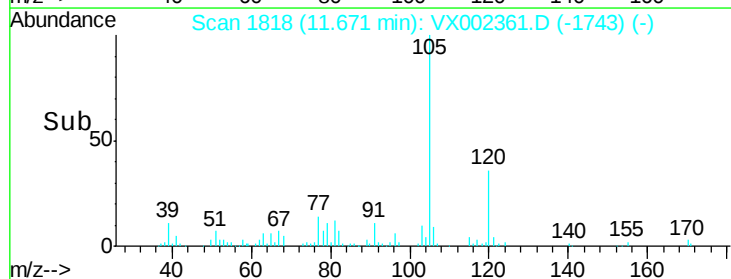
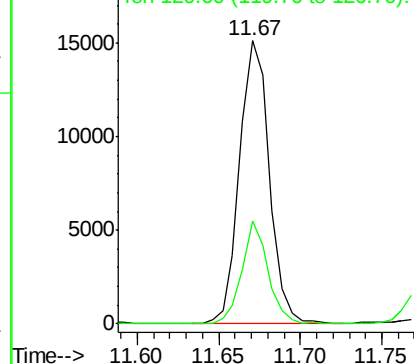
Ion Ratio Lower Upper

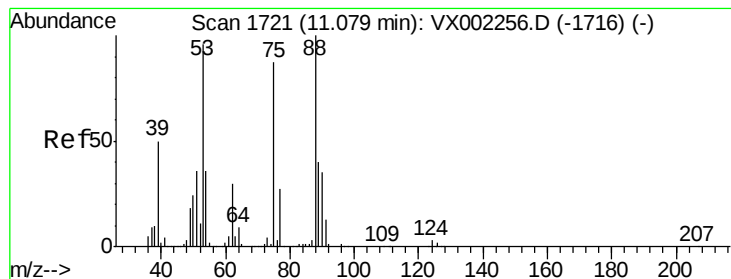
105 100

120 31.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 82.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

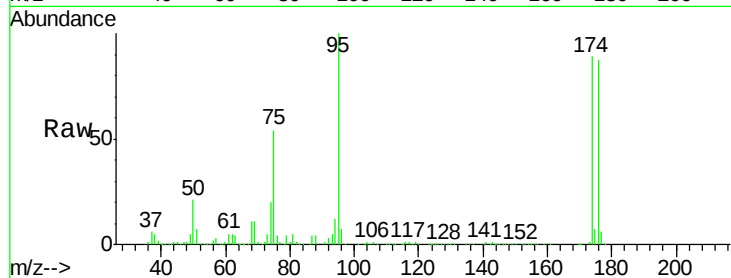
Tot Ion: 75 Resp: 87879

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

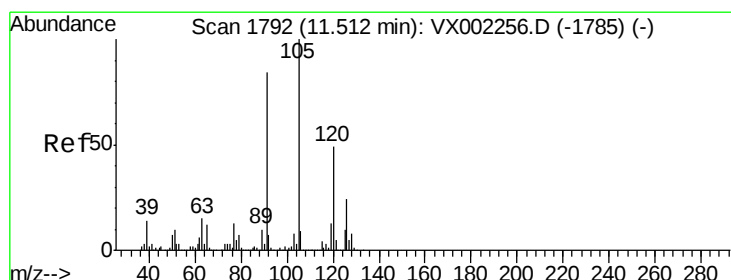
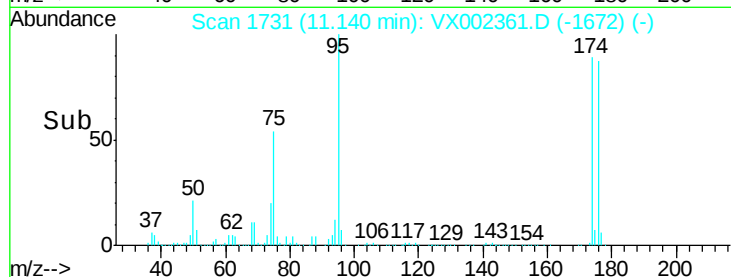
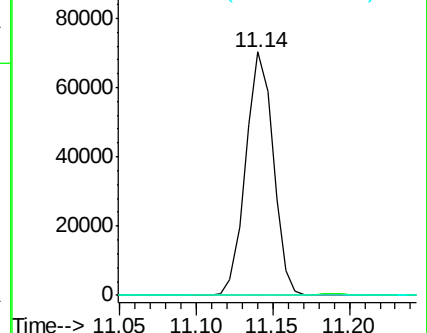
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 25.00 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002361.D

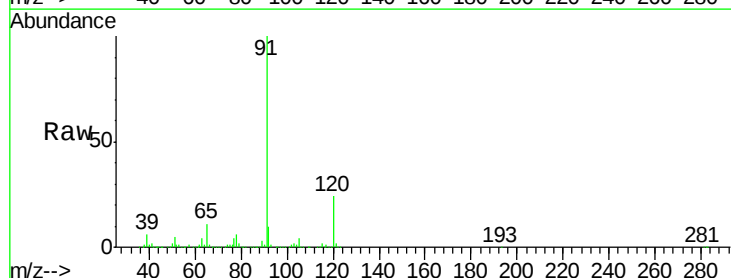
Acq: 06 Jun 2018 19:02

Tgt Ion: 91 Resp: 240991

Ion Ratio Lower Upper

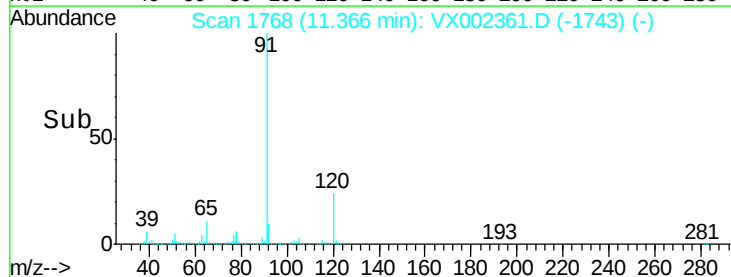
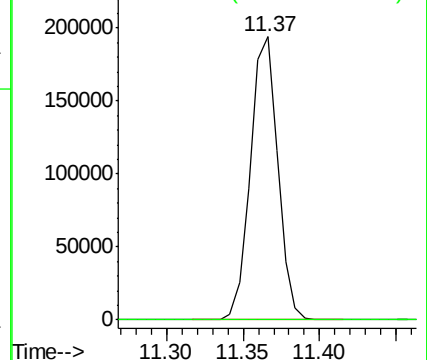
91 100

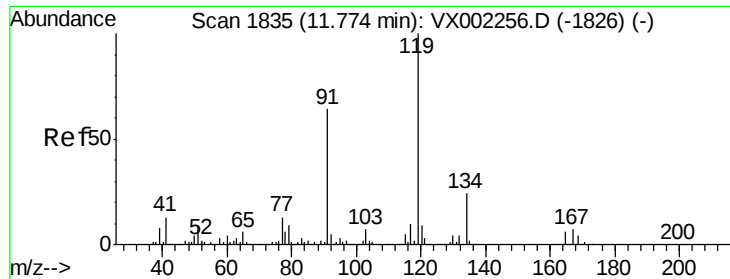
126 0.0 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

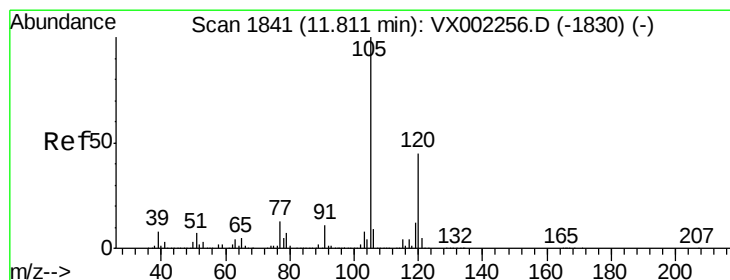
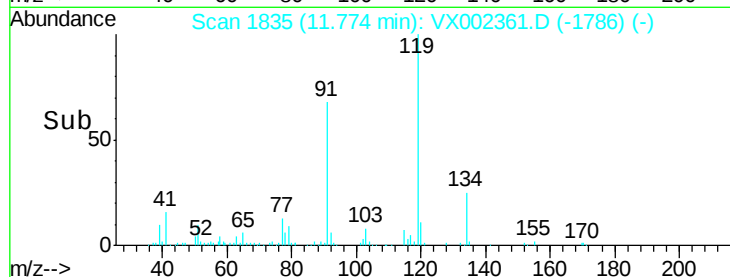
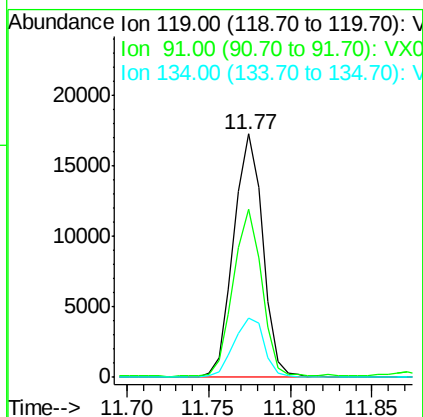
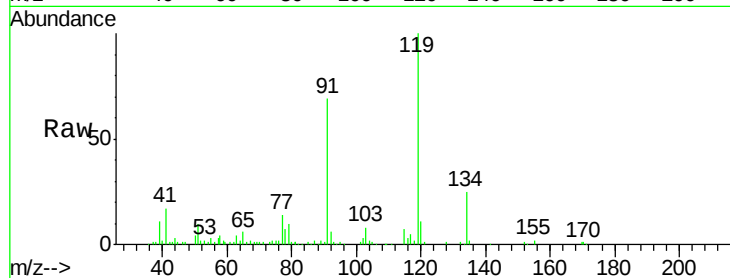




#83
 tert-Butylbenzene
 Concen: 2.17 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

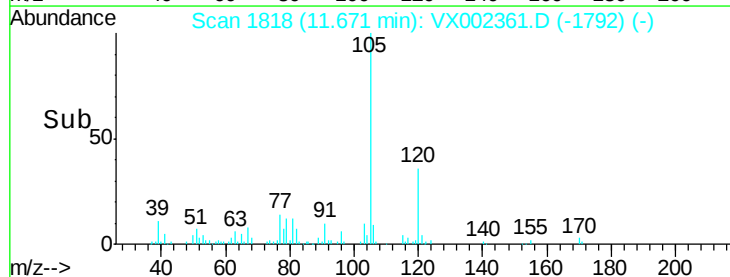
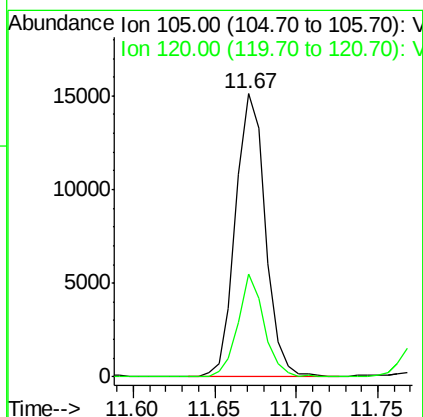
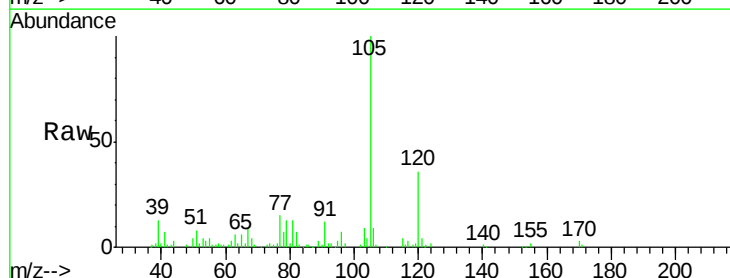
Instrument :
 MSVOA_X
 ClientSampleId :

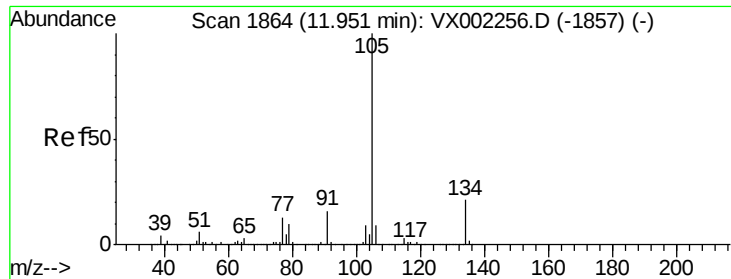
Tot Ion:119 Resp: 21534
 Ion Ratio Lower Upper
 119 100
 91 67.8 30.3 90.9
 134 25.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.84 ug/l
 RT: 11.67 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

Tgt Ion:105 Resp: 19285
 Ion Ratio Lower Upper
 105 100
 120 31.9 22.3 66.8

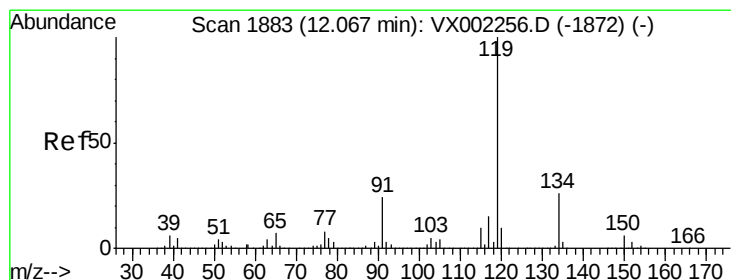
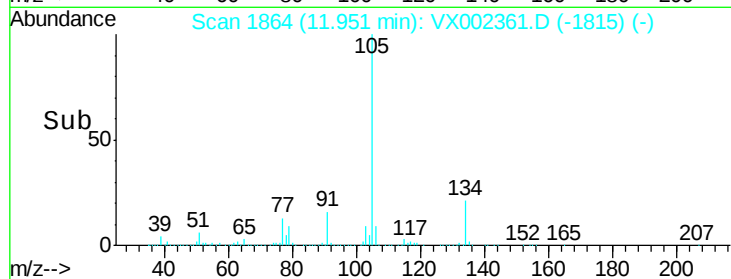
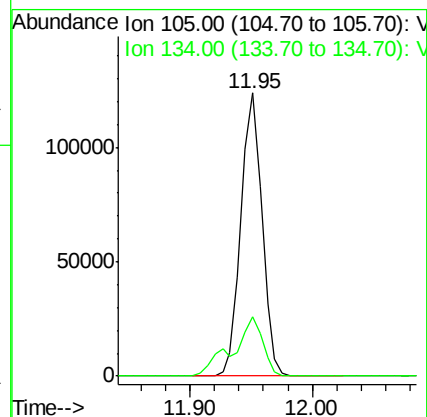
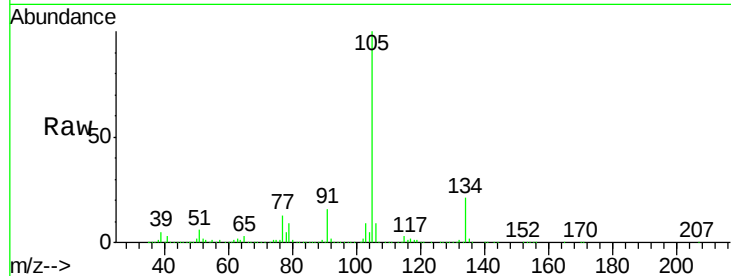




#85
 sec-Butylbenzene
 Concen: 12.68 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

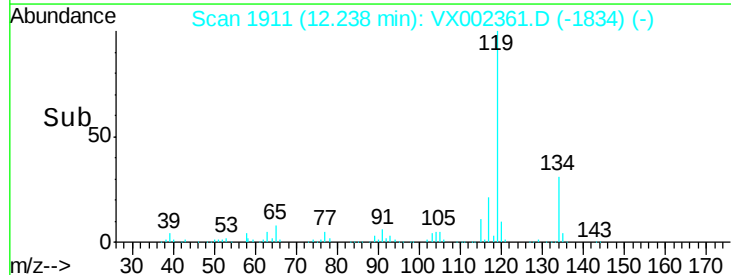
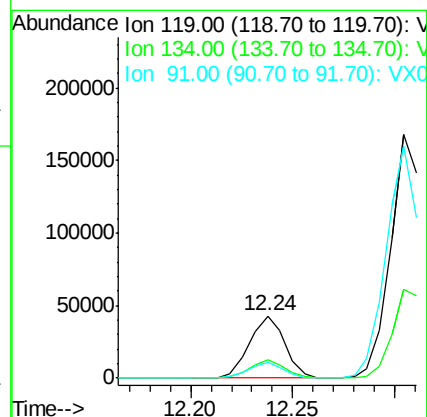
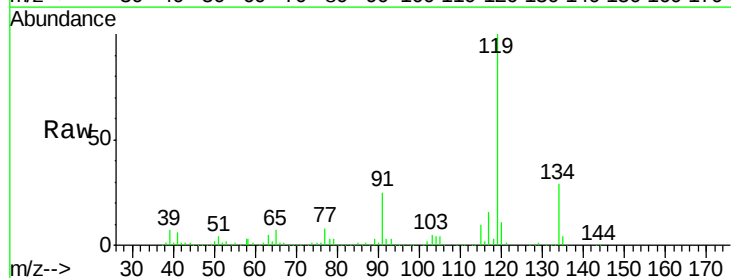
Instrument :
 MSVOA_X
 ClientSampled :

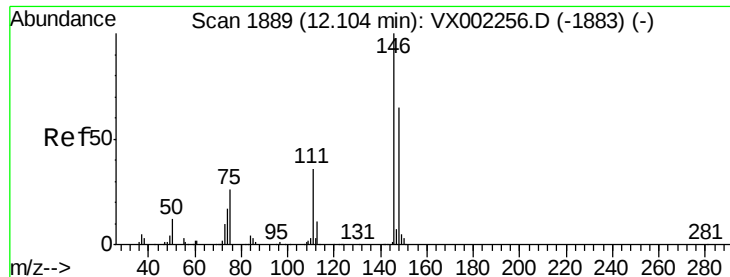
Tot Ion:105 Resp: 147742
 Ion Ratio Lower Upper
 105 100
 134 29.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.85 ug/l
 RT: 12.24 min Scan# 1911
 Delta R.T. 0.17 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

Tgt Ion:119 Resp: 51519
 Ion Ratio Lower Upper
 119 100
 134 28.8 13.4 40.1
 91 24.8 11.9 35.7





#88

1,4-Dichlorobenzene

Concen: 0.29 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

ClientSampled :

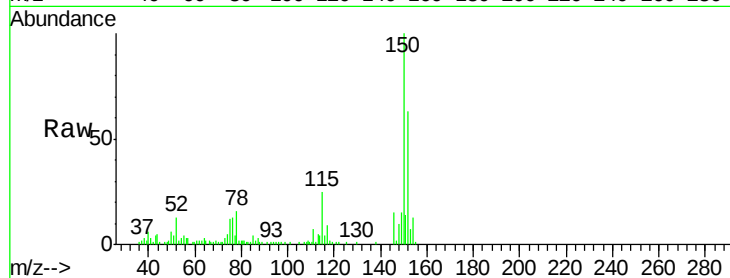
Tot Ion:146 Resp: 1814

Ion Ratio Lower Upper

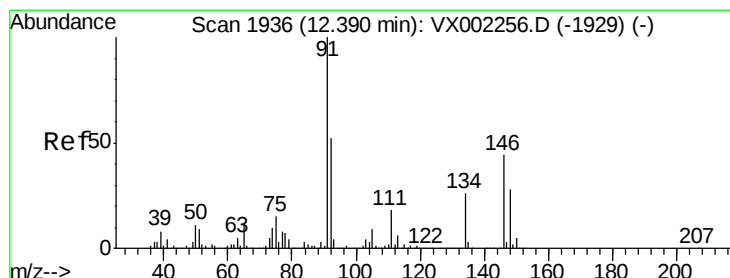
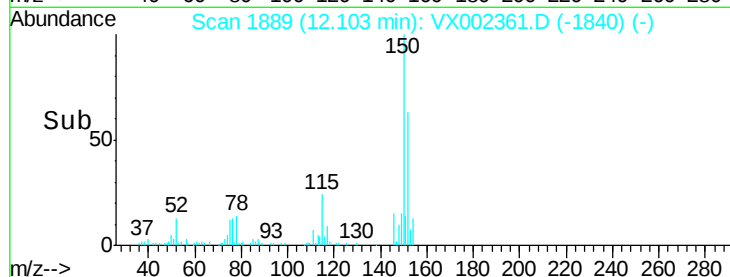
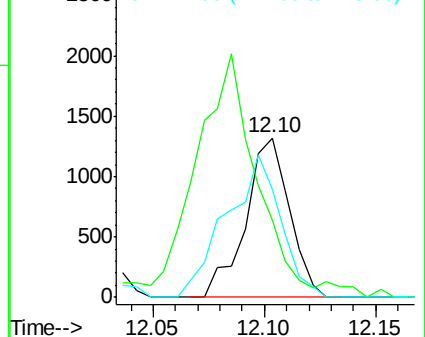
146 100

111 189.7 18.7 56.1#

148 110.0 32.4 97.0#



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 9.96 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

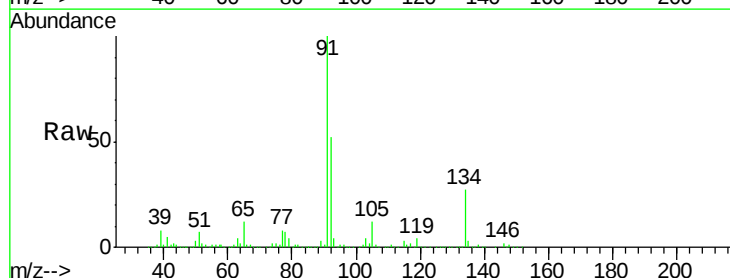
Tgt Ion: 91 Resp: 88664

Ion Ratio Lower Upper

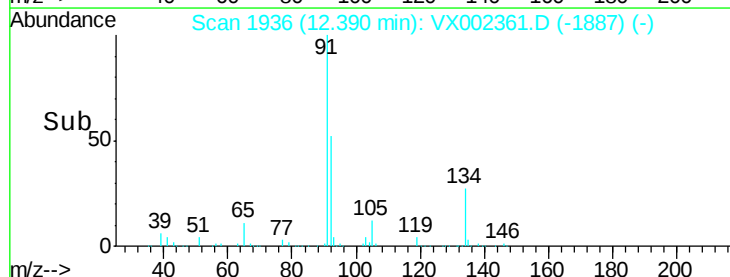
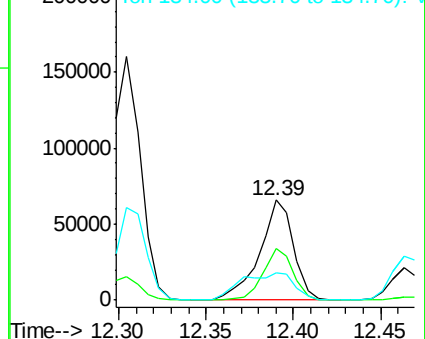
91 100

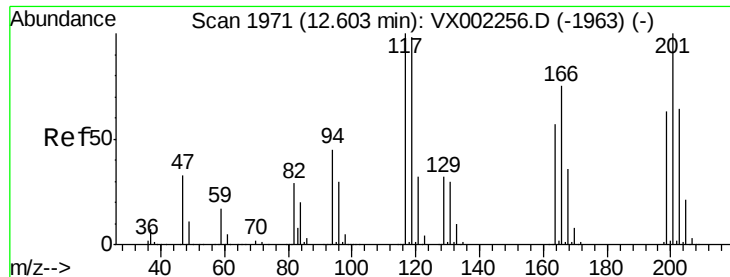
92 46.1 26.0 78.0

134 42.6 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 36.54 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

Instrument :

MSVOA_X

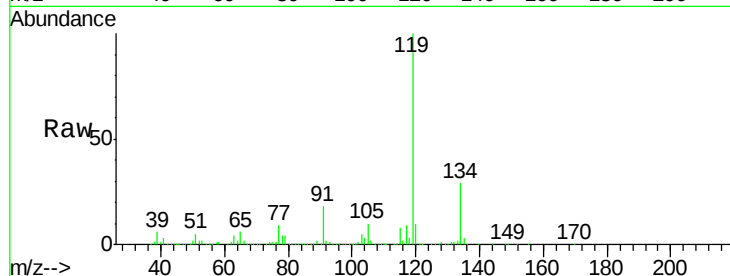
ClientSampleId :

Tot Ion:117 Resp: 61907

Ion Ratio Lower Upper

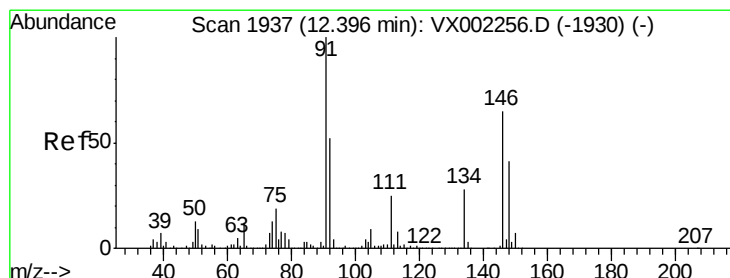
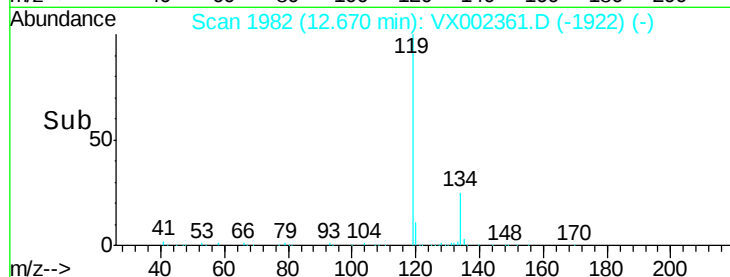
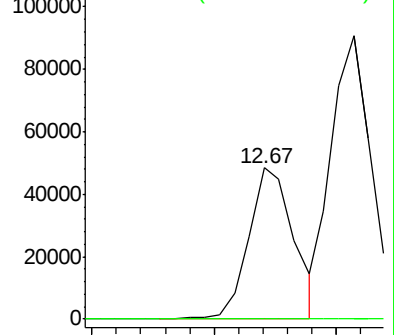
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.35 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002361.D

Acq: 06 Jun 2018 19:02

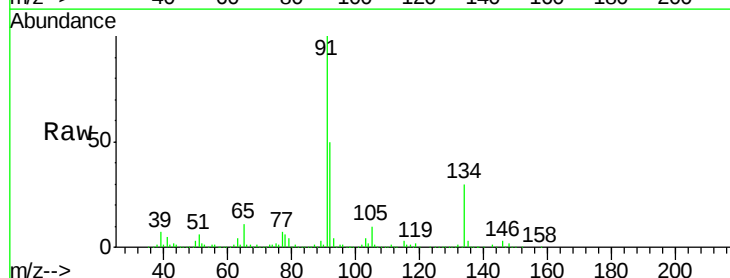
Tgt Ion:146 Resp: 2134

Ion Ratio Lower Upper

146 100

111 53.2 19.4 58.1

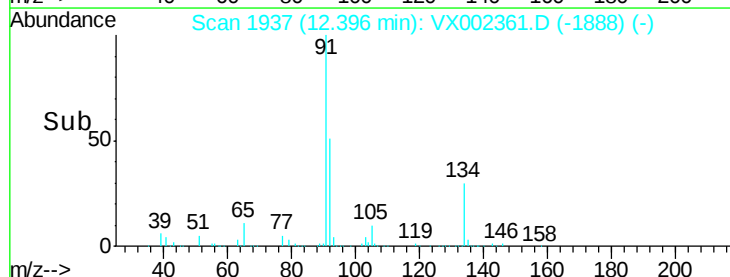
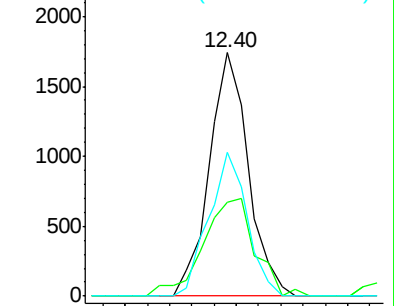
148 57.8 31.7 95.1

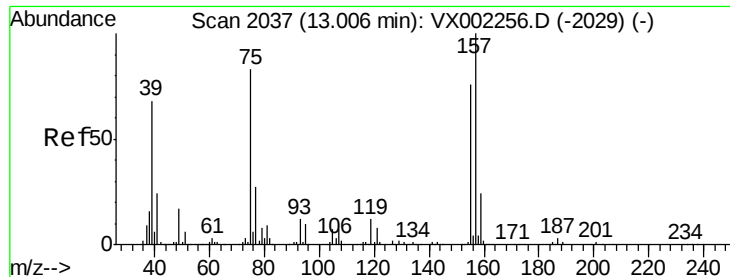


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

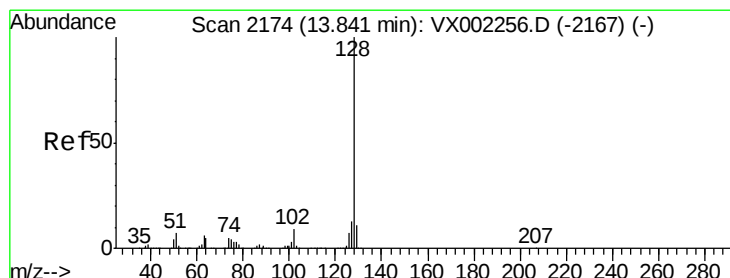
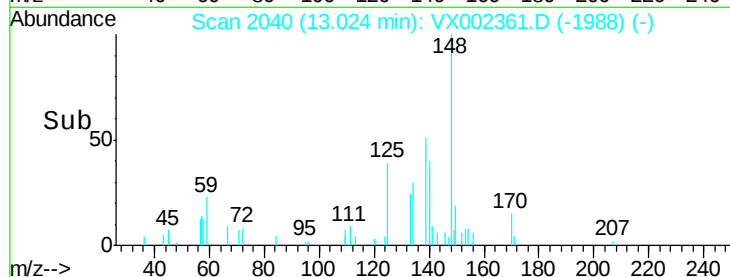
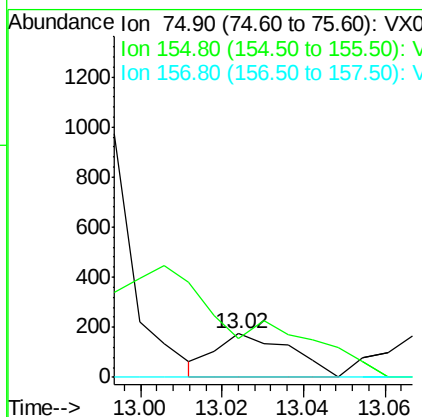
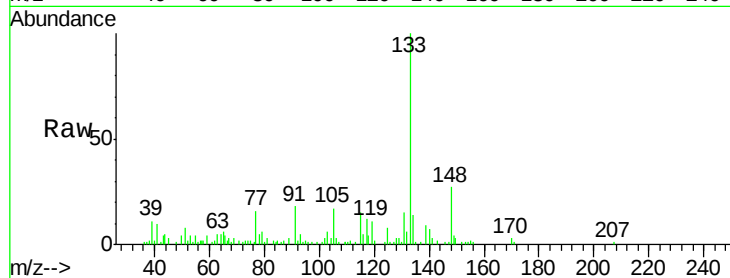




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.27 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 222
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 0.76 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002361.D
 Acq: 06 Jun 2018 19:02

Tgt Ion: 128 Resp: 9524
 Ion Ratio Lower Upper
 128 100
 127 19.9 10.4 15.6#
 129 47.4 8.6 13.0#

