

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002534.D
 Acq On : 14 Jun 2018 03:35
 Operator : JC/MD
 Sample : J3383-11
 Misc : 6.10g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 04:56:36 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	257691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213557	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	165890	44.65	ug/l	0.00
Spiked Amount			Recovery	=	89.30%	
35) Dibromofluoromethane	5.51	113	122451	42.10	ug/l	0.00
Spiked Amount			Recovery	=	84.20%	
50) Toluene-d8	8.72	98	527418	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	11.15	95	198336	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	549	Below Cal	#	63
5) Bromomethane	1.64	94	1955	Below Cal		92
8) Diethyl Ether	2.20	74	202	Below Cal		94
10) Methyl Iodide	2.48	142	1682	0.43	ug/l #	97
11) Tert butyl alcohol	3.03	59	18273	4.78	ug/l #	73
13) Acrolein	2.35	56	3013	Below Cal	#	81
14) Allyl chloride	2.81	41	21873	3.67	ug/l #	69
15) Acrylonitrile	3.14	53	8677	Below Cal	#	44
16) Acetone	2.49	43	1696	Below Cal	#	78
17) Carbon Disulfide	2.54	76	2288	0.32	ug/l #	93
18) Methyl Acetate	2.81	43	56805	13.41	ug/l #	59
19) Methyl tert-butyl Ether	3.23	73	116	Below Cal	#	1
20) Methylene Chloride	2.85	84	911	Below Cal	#	1
22) Diisopropyl ether	3.89	45	67	Below Cal	#	1
25) 2-Butanone	4.74	43	3095	1.22	ug/l #	86
28) Bromochloromethane	5.02	49	21	Below Cal	#	13
30) Chloroform	5.25	83	10233	1.80	ug/l #	44
31) Cyclohexane	5.57	56	237057	50.95	ug/l #	89
36) 1,1-Dichloropropene	5.66	75	16654	4.28	ug/l #	53
37) Ethyl Acetate	4.74	43	3176	0.68	ug/l #	71
38) Carbon Tetrachloride	5.67	117	23324	5.73	ug/l #	15
39) Methylcyclohexane	7.46	83	447389	92.91	ug/l	100
40) Benzene	6.14	78	4715	0.40	ug/l	95
41) Methacrylonitrile	5.05	41	2604	0.97	ug/l #	44
43) Isopropyl Acetate	6.27	43	49659	6.25	ug/l #	64
46) Dibromomethane	7.63	93	555	0.25	ug/l #	1
47) Bromodichloromethane	7.84	83	4070	1.03	ug/l #	1
48) Methyl methacrylate	7.73	41	34467	8.64	ug/l #	53
51) 4-Methyl-2-Pentanone	8.67	43	19338	3.91	ug/l #	55
55) 1,1,2-Trichloroethane	9.27	97	1884	0.60	ug/l #	1
56) Ethyl methacrylate	9.16	69	13598	2.73	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	745	0.32	ug/l #	48
59) 2-Hexanone	9.45	43	47604	12.46	ug/l #	34
67) Ethyl Benzene	10.26	91	603639	41.58	ug/l	99

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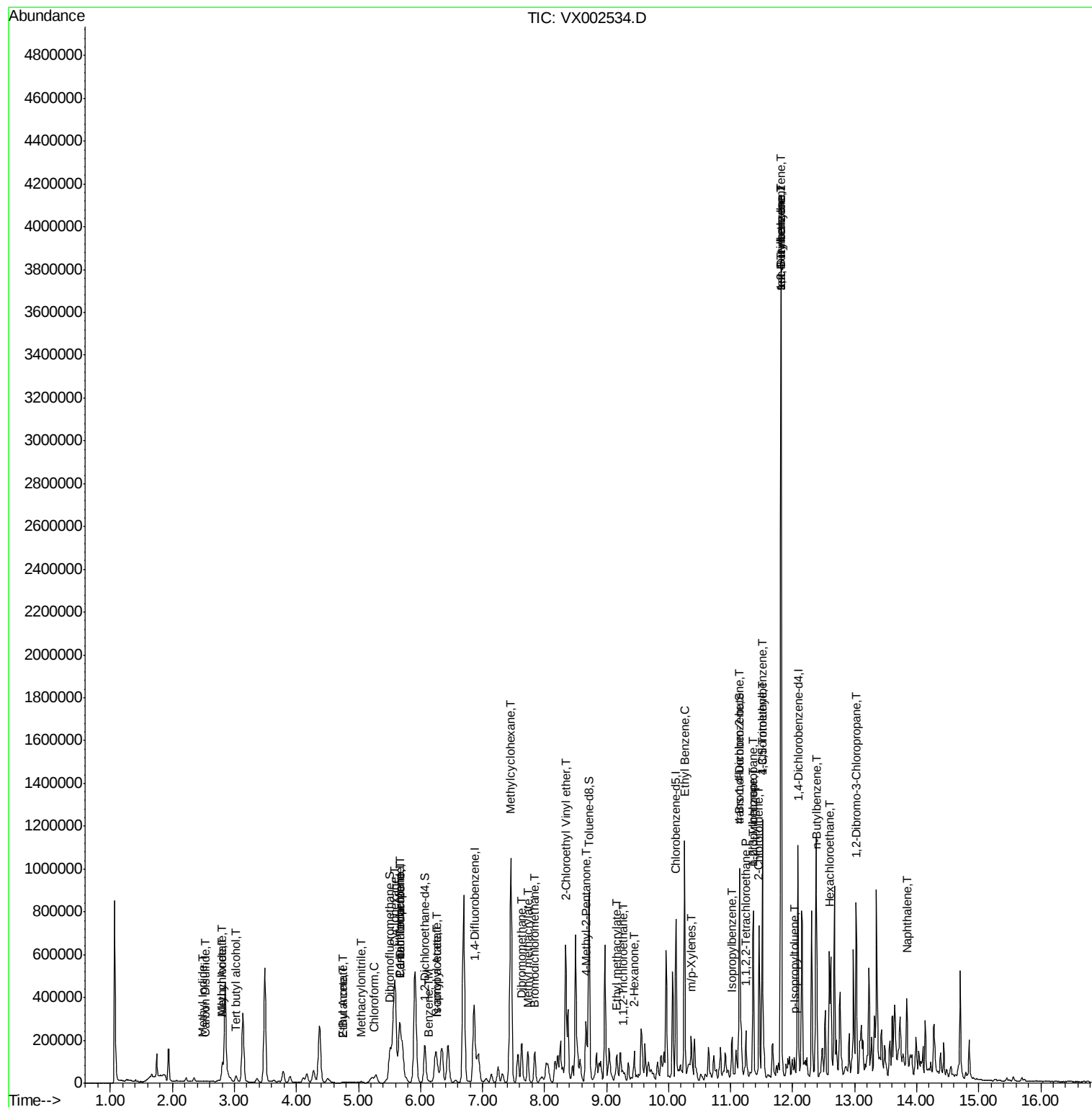
68) m/p-Xylenes	10.37	106	37190	6.59	ug/l	94
73) Isopropylbenzene	11.02	105	85436	5.75	ug/l	99
74) N-amyl acetate	6.27	43	49659	6.20	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	11.25	83	5120	1.10	ug/l #	90
76) 1,2,3-Trichloropropane	11.37	75	3343	0.71	ug/l #	1
78) n-propylbenzene	11.37	91	463772	28.09	ug/l	99
79) 2-Chlorotoluene	11.46	91	41260	3.96	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	497221	39.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.15	75	102786	76.89	ug/l #	8
82) 4-Chlorotoluene	11.51	91	54317	4.51	ug/l #	45
83) tert-Butylbenzene	11.81	119	210892	17.00	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	1698712	129.51	ug/l	98
85) sec-Butylbenzene	11.81	105	1698712	116.78	ug/l #	56
86) p-Isopropyltoluene	12.03	119	24762	1.87	ug/l	94
89) n-Butylbenzene	12.39	91	178803	16.09	ug/l #	32
90) Hexachloroethane	12.59	117	23726	11.22	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2576	2.52	ug/l #	9
95) Naphthalene	13.84	128	212410	13.66	ug/l	98

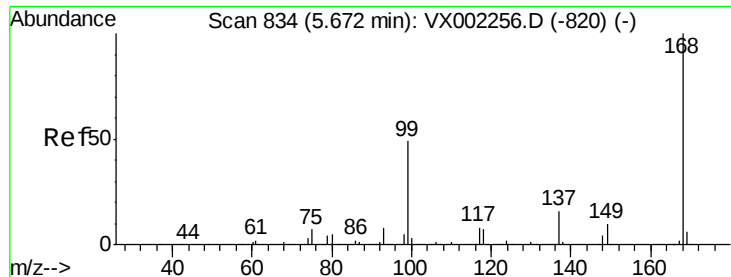
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

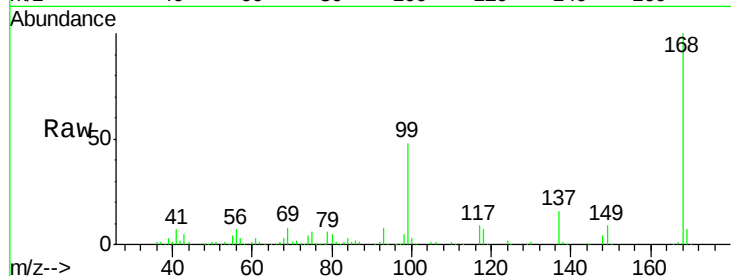
ClientSampleId :

Tot Ion:168 Resp: 257691

Ion Ratio Lower Upper

168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

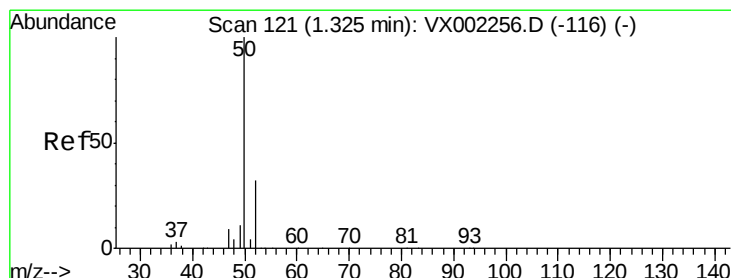
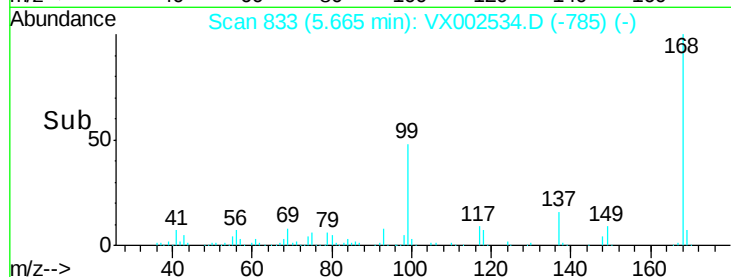
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002534.D

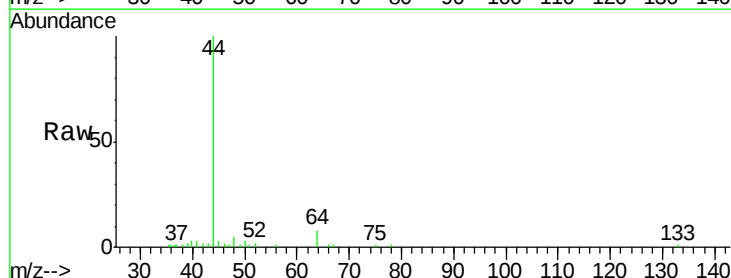
Acq: 14 Jun 2018 03:35

Tgt Ion: 50 Resp: 549

Ion Ratio Lower Upper

50 100

52 52.9 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

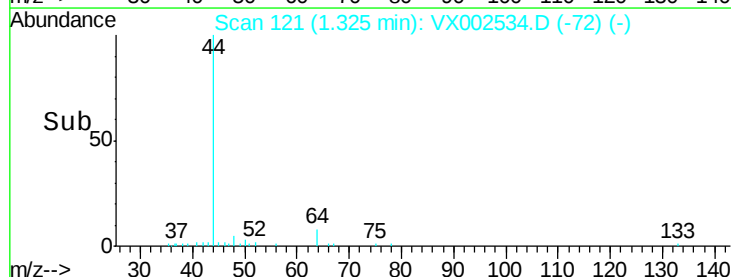
300

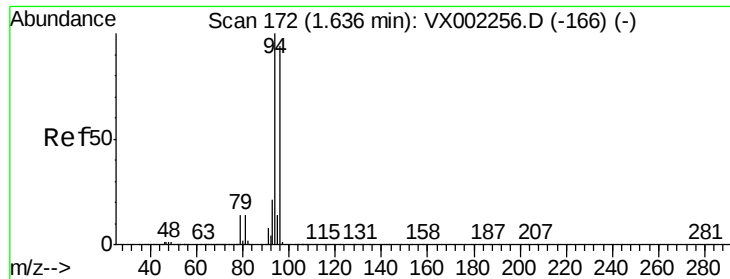
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

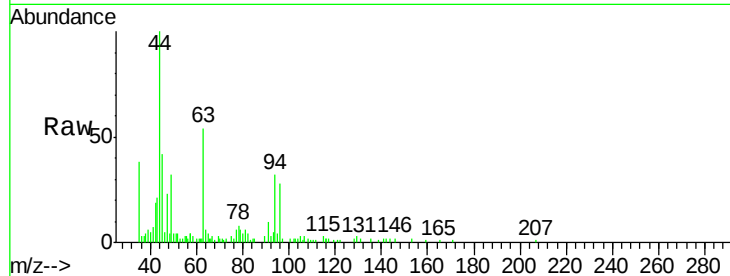
ClientSampleId :

Tot Ion: 94 Resp: 1955

Ion Ratio Lower Upper

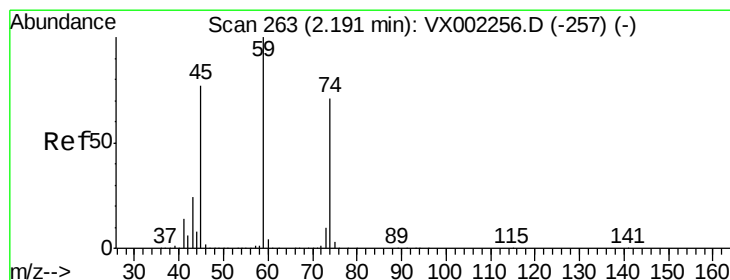
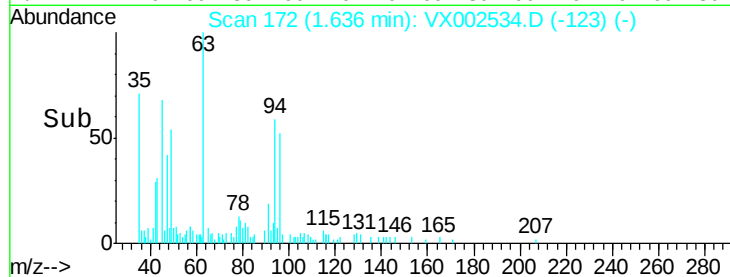
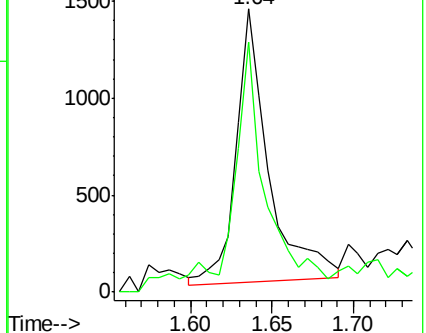
94 100

96 86.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX002534.D

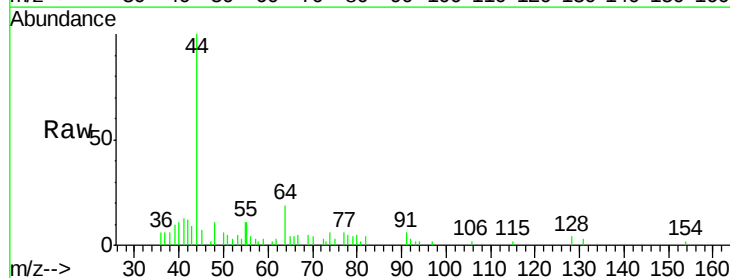
Acq: 14 Jun 2018 03:35

Tgt Ion: 74 Resp: 202

Ion Ratio Lower Upper

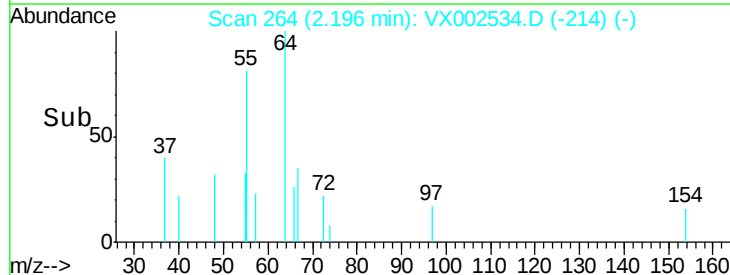
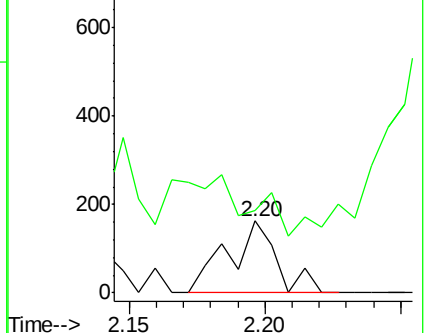
74 100

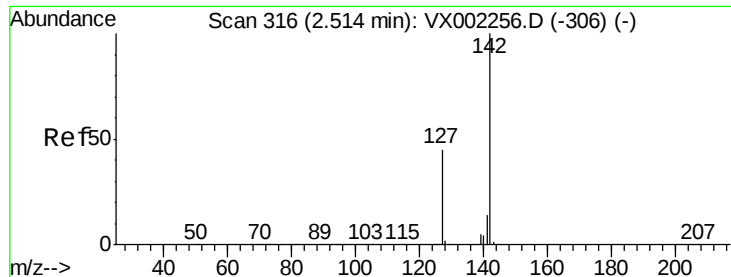
45 100.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

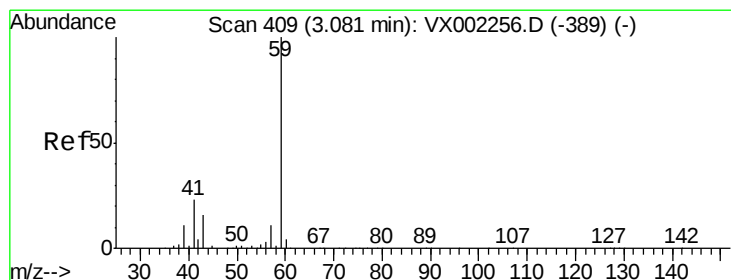
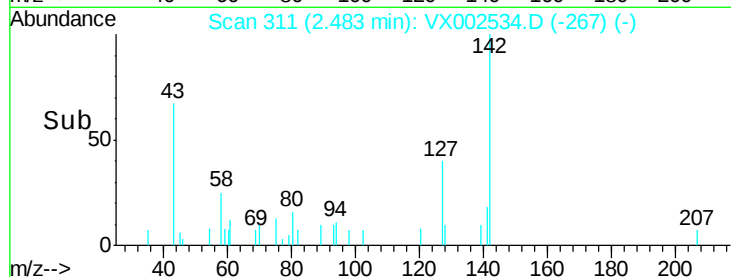
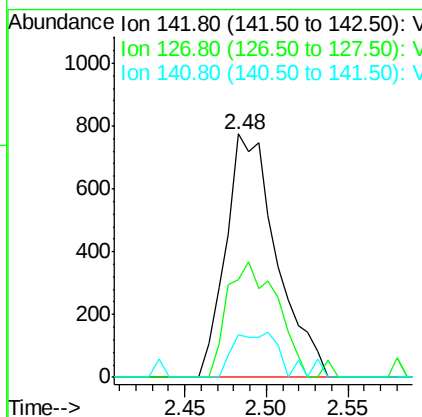
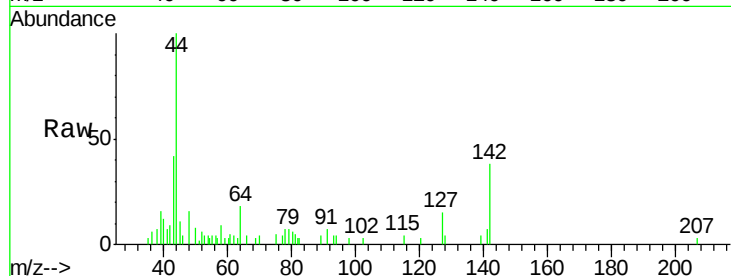




#10
Methvl Iodide
Concen: 0.43 ug/l
RT: 2.48 min Scan# 311
Delta R.T. -0.03 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

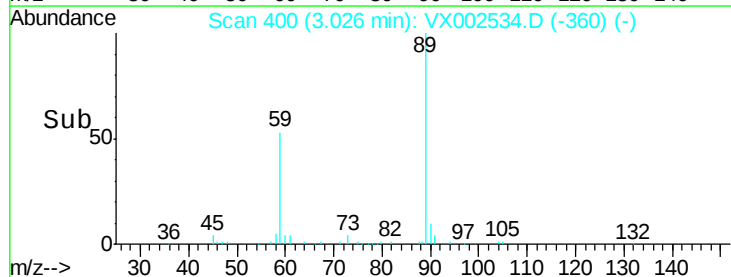
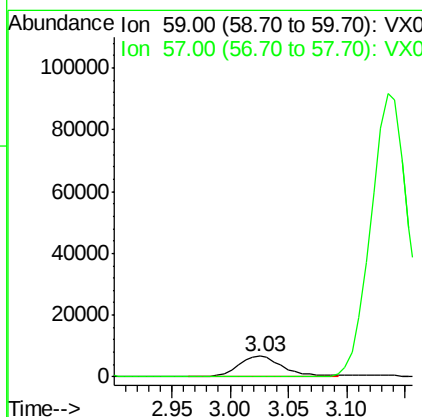
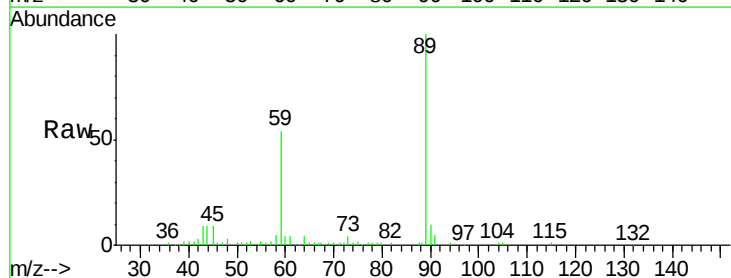
Instrument :
MSVOA_X
ClientSampleId :

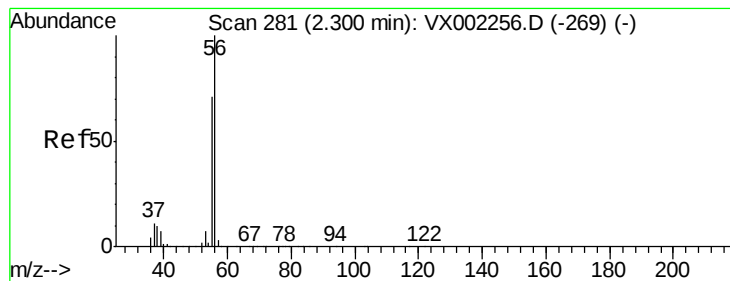
Tot Ion:142 Resp: 1682
Ion Ratio Lower Upper
142 100
127 46.6 36.6 55.0
141 17.8 11.3 16.9#



#11
Tert butyl alcohol
Concen: 4.78 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tgt Ion: 59 Resp: 18273
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.35 min Scan# 289

Delta R.T. 0.05 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

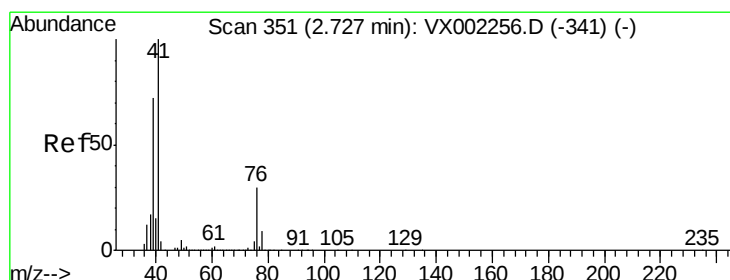
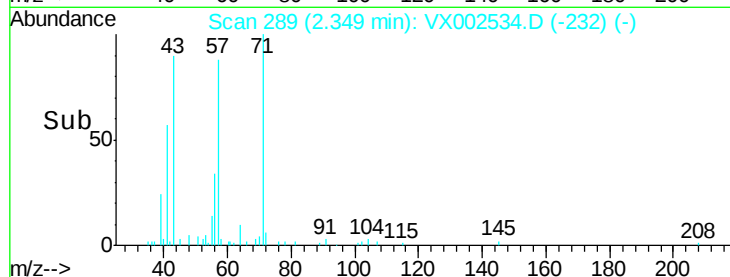
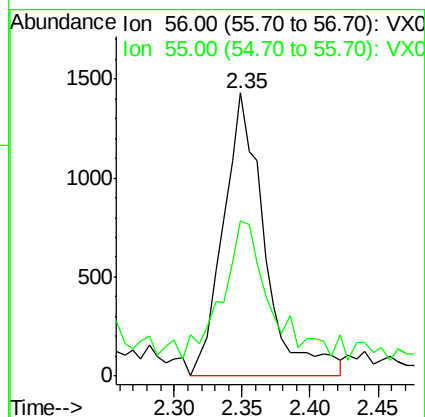
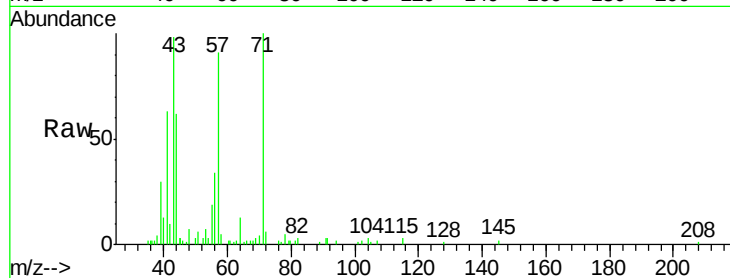
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 3013

Ion Ratio Lower Upper

56 100

55 55.5 57.0 85.4#



#14

Allyl chloride

Concen: 3.67 ug/l

RT: 2.81 min Scan# 364

Delta R.T. 0.08 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

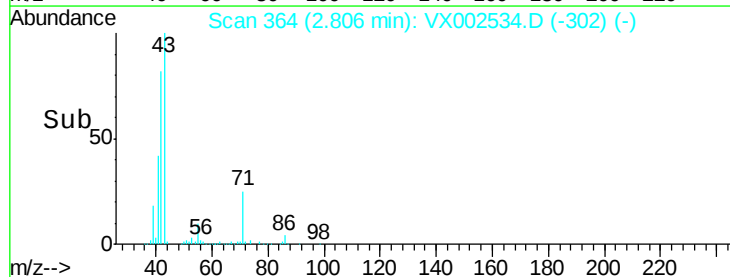
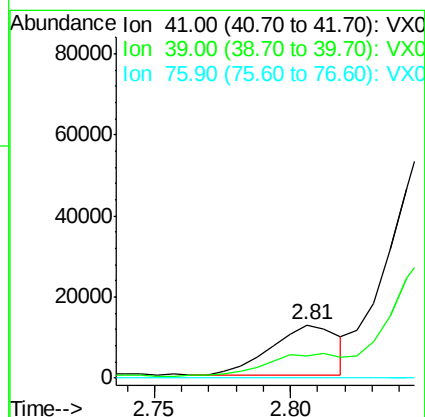
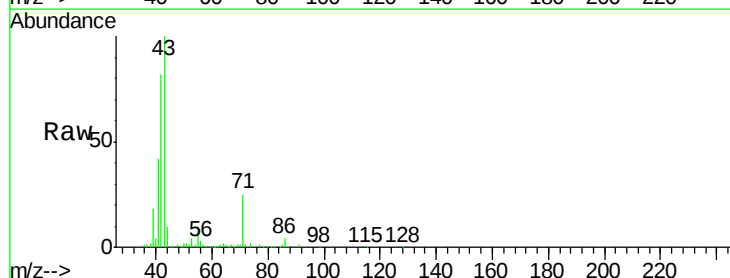
Tgt Ion: 41 Resp: 21873

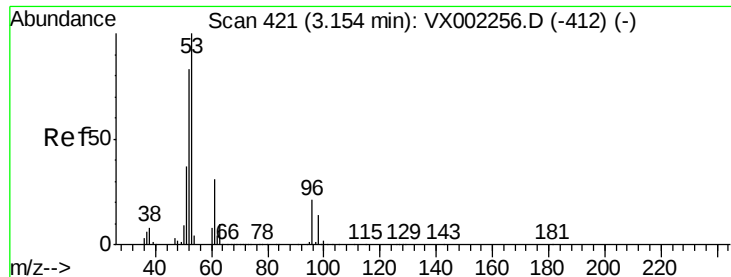
Ion Ratio Lower Upper

41 100

39 53.5 56.8 85.2#

76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampleId :

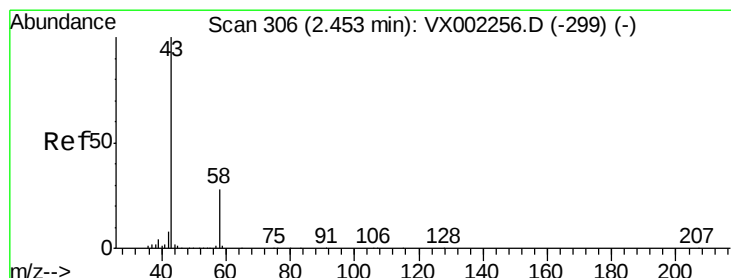
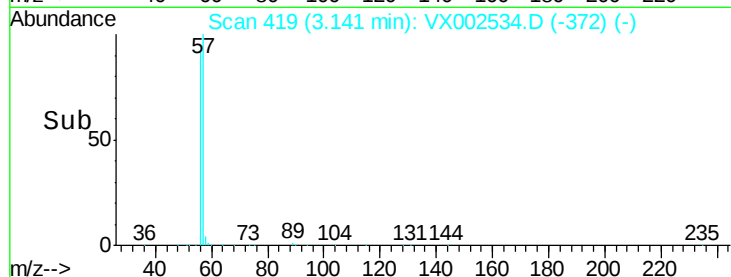
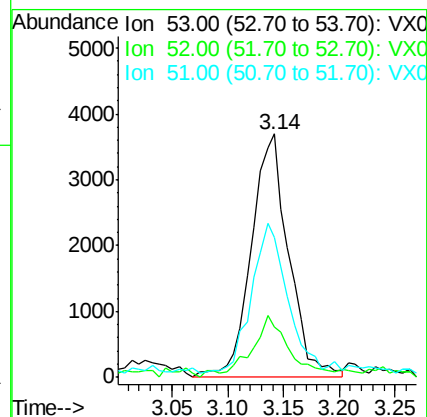
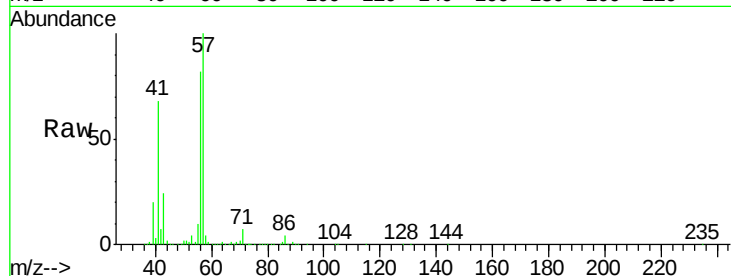
Tot Ion: 53 Resp: 8677

Ion Ratio Lower Upper

53 100

52 23.6 66.7 100.1#

51 57.9 29.9 44.9#



#16

Acetone

Concen: Below Cal

RT: 2.49 min Scan# 312

Delta R.T. 0.04 min

Lab File: VX002534.D

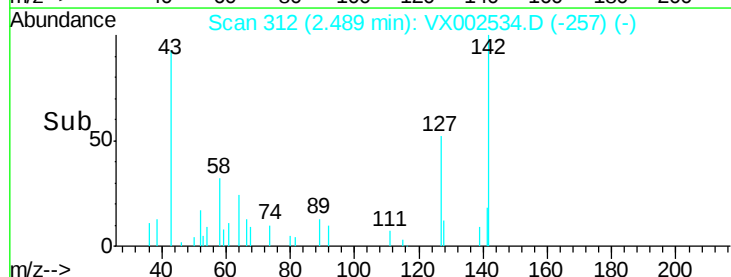
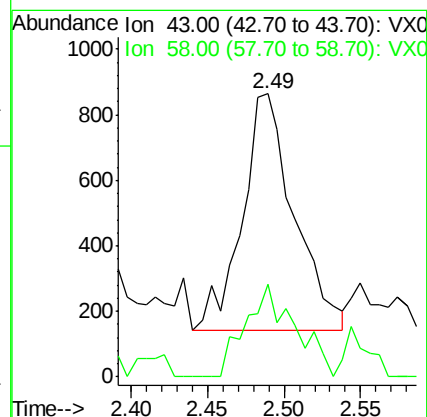
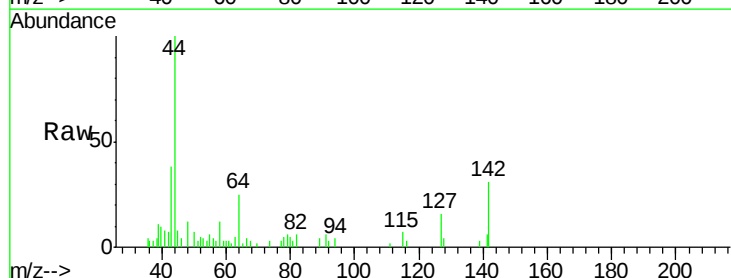
Acq: 14 Jun 2018 03:35

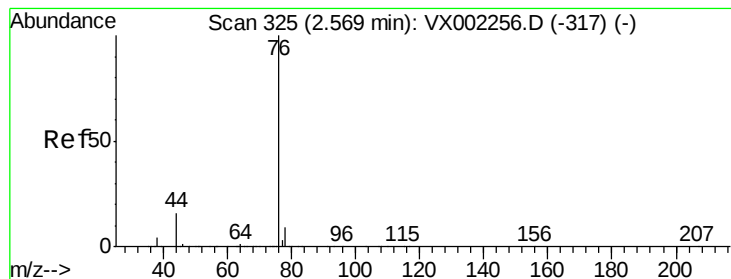
Tgt Ion: 43 Resp: 1696

Ion Ratio Lower Upper

43 100

58 39.0 22.1 33.1#





#17

Carbon Disulfide

Concen: 0.32 ug/l

RT: 2.54 min Scan# 320

Delta R.T. -0.03 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

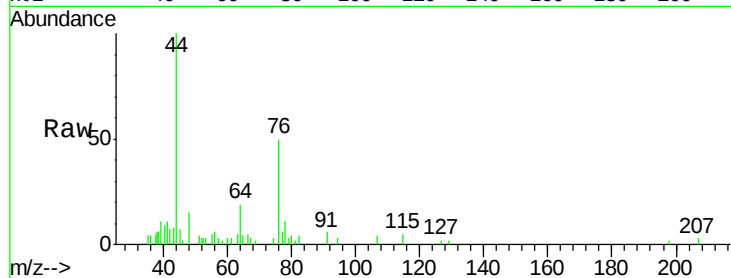
ClientSampled :

Tot Ion: 76 Resp: 2288

Ion Ratio Lower Upper

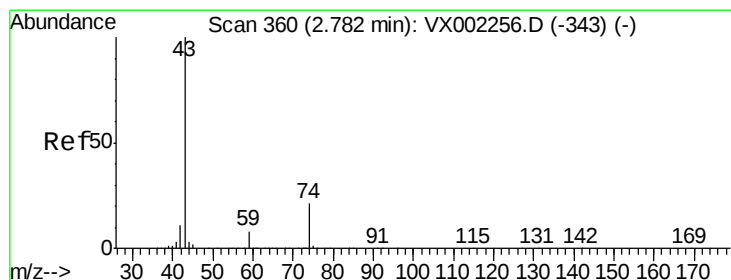
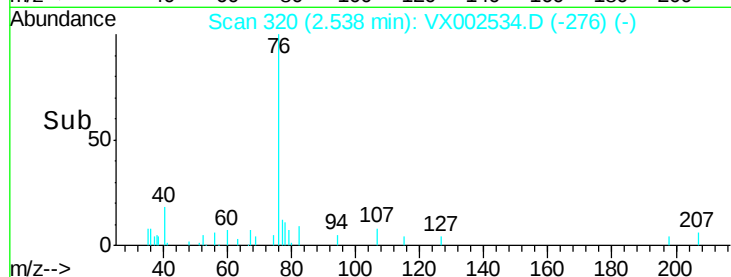
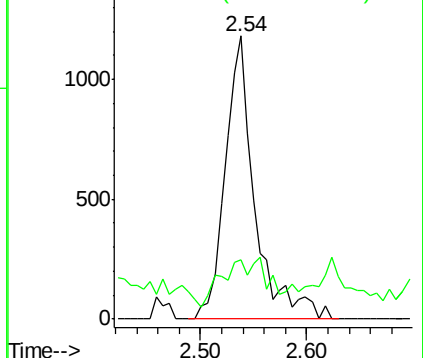
76 100

78 11.3 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 13.41 ug/l

RT: 2.81 min Scan# 364

Delta R.T. 0.02 min

Lab File: VX002534.D

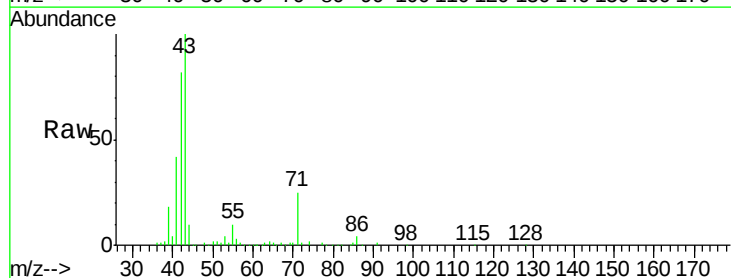
Acq: 14 Jun 2018 03:35

Tgt Ion: 43 Resp: 56805

Ion Ratio Lower Upper

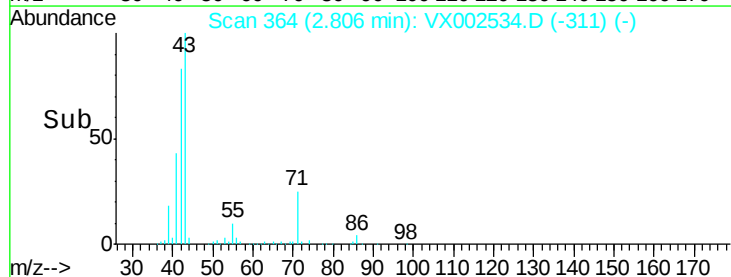
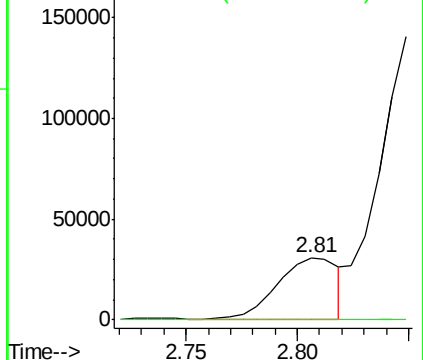
43 100

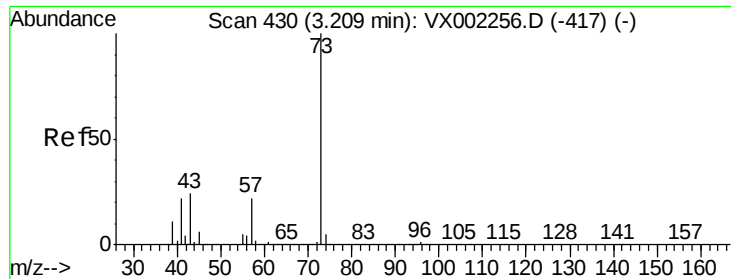
74 1.7 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

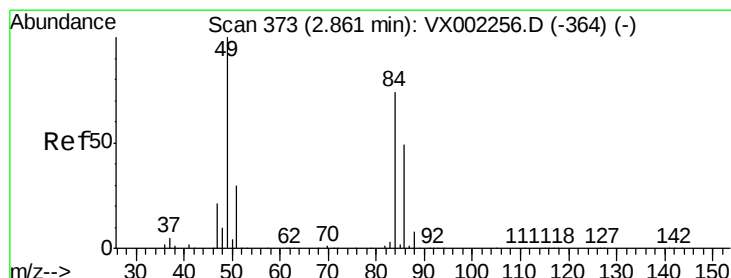
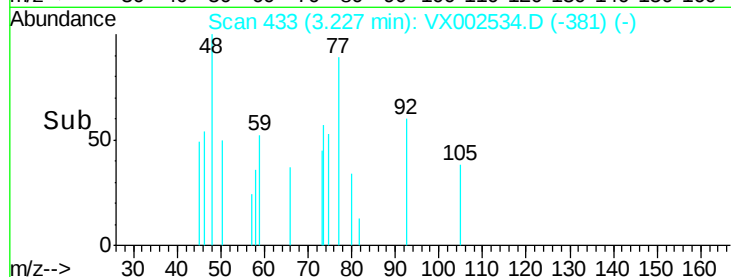
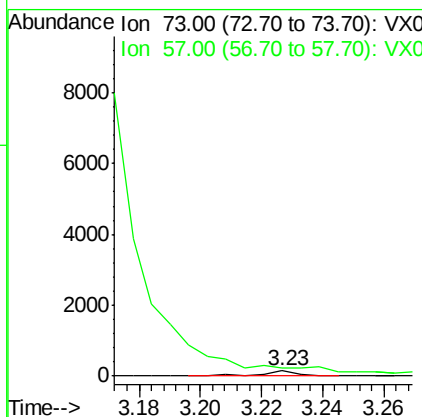
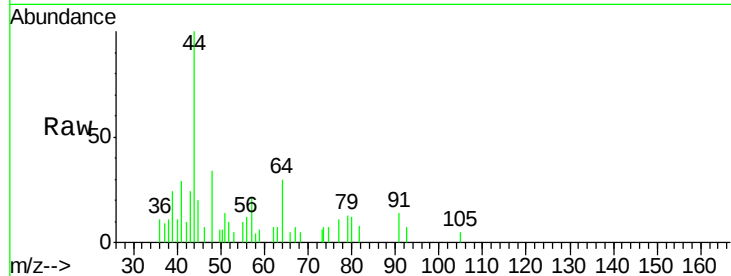




#19
Methvl tert-butvl Ether
Concen: Below Cal
RT: 3.23 min Scan# 433
Delta R.T. 0.02 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

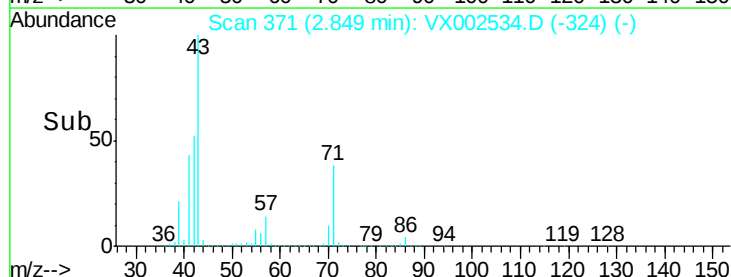
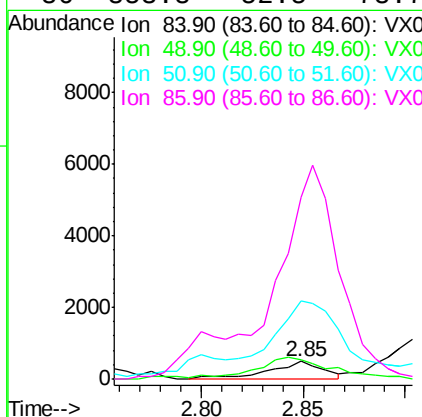
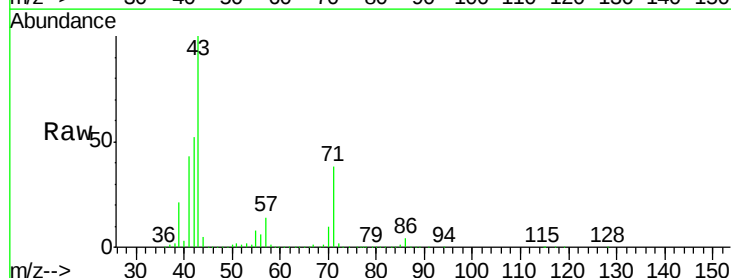
Instrument :
MSVOA_X
ClientSampled :

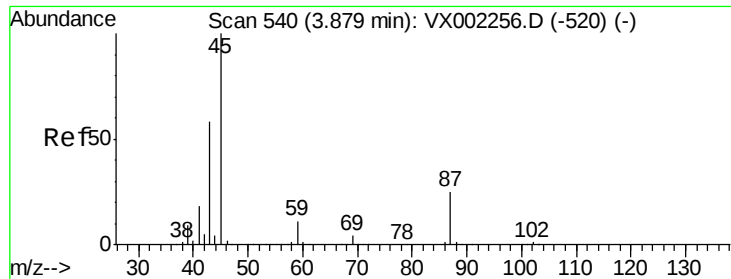
Tot Ion: 73 Resp: 116
Ion Ratio Lower Upper
73 100
57 87.5 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tgt Ion: 84 Resp: 911
Ion Ratio Lower Upper
84 100
49 102.0 107.8 161.6#
51 328.2 32.8 49.2#
86 853.8 52.5 78.7#



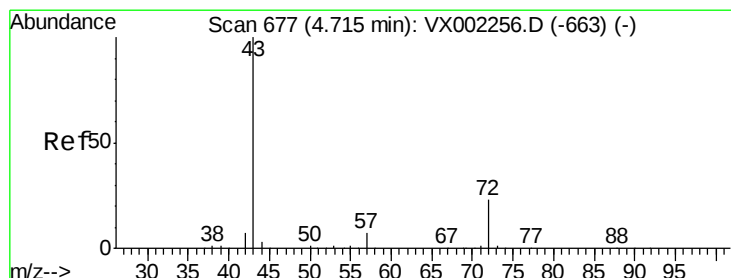
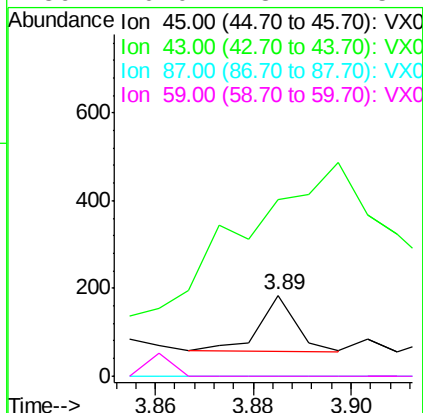
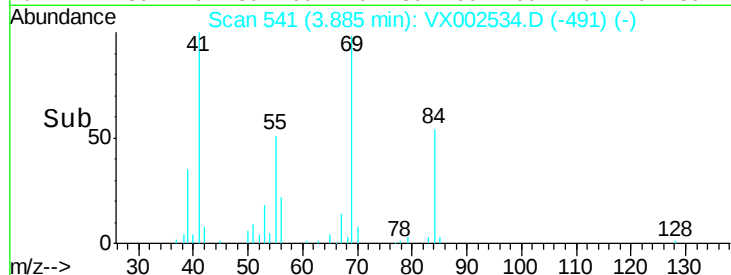
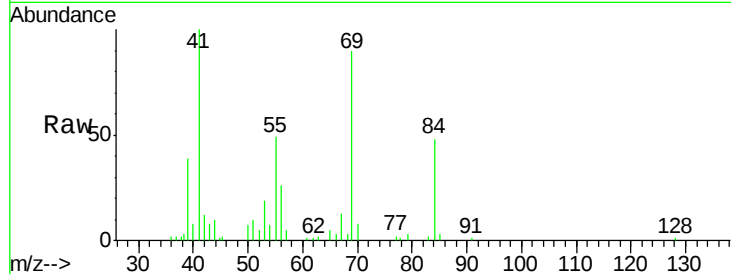


#22

Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Instrument :
MSVOA_X
ClientSampled :

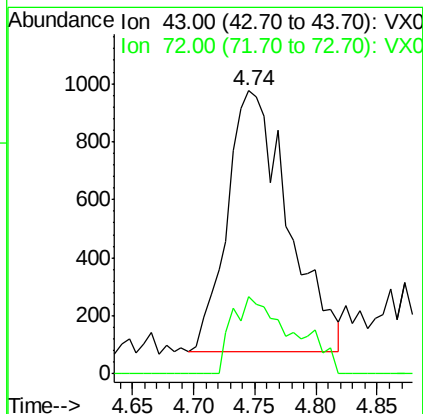
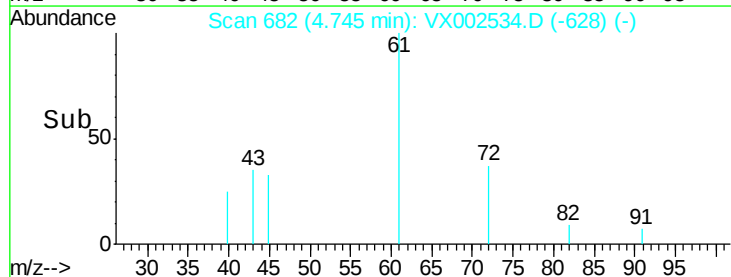
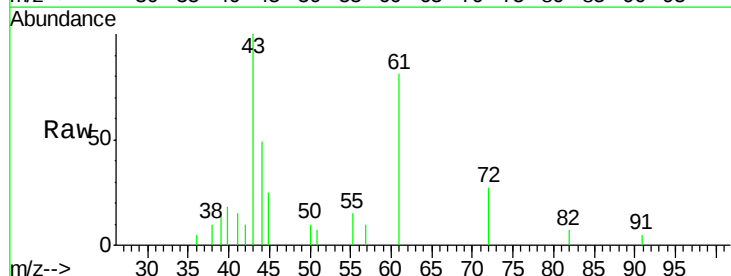
Tot Ion:	45	Resp:	67
Ion	Ratio	Lower	Upper
45	100		
43	164.3	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

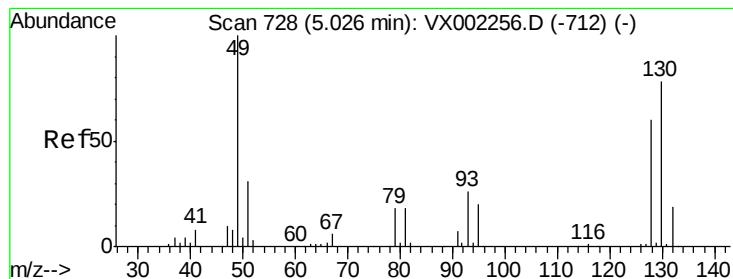


#25

2-Butanone
Concen: 1.22 ug/l
RT: 4.74 min Scan# 682
Delta R.T. 0.03 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tgt Ion:	43	Resp:	3095
Ion	Ratio	Lower	Upper
43	100		
72	29.8	18.5	27.7#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

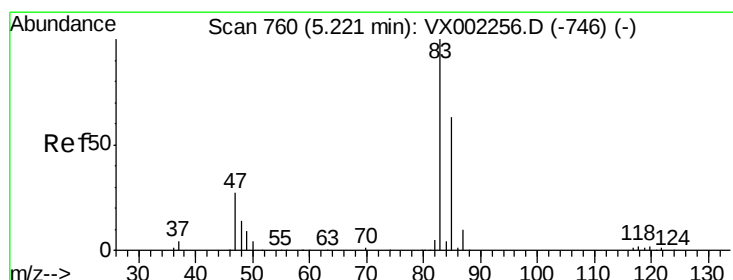
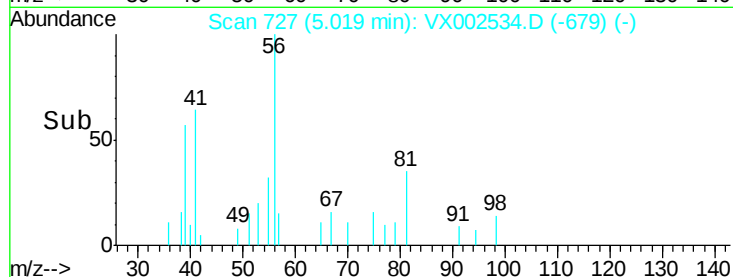
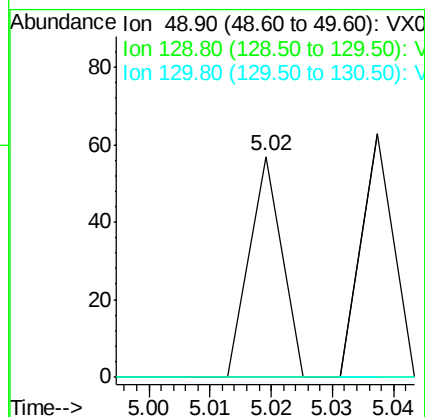
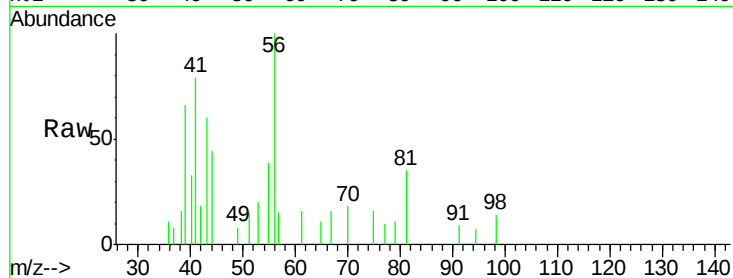
Delta R.T. -0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 49 Resp: 21
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 61.2 91.8#



#30

Chloroform

Concen: 1.80 ug/l

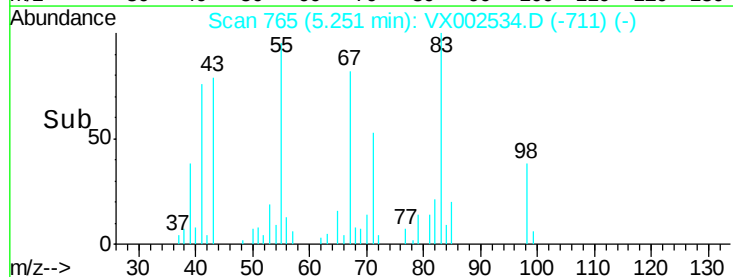
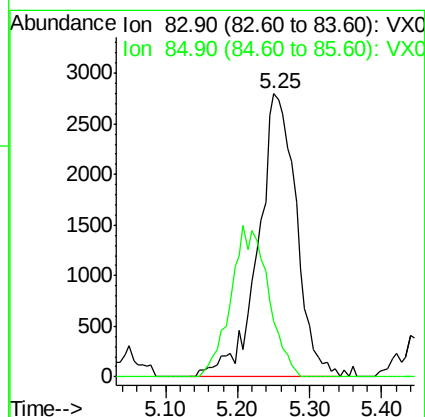
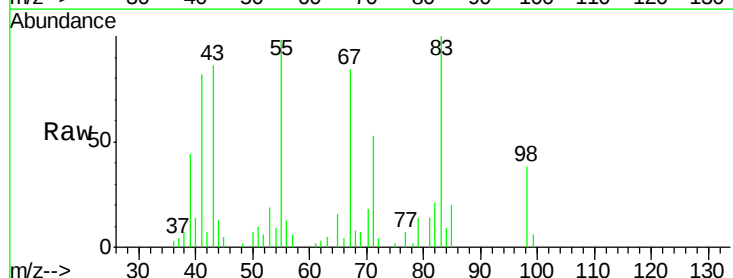
RT: 5.25 min Scan# 765

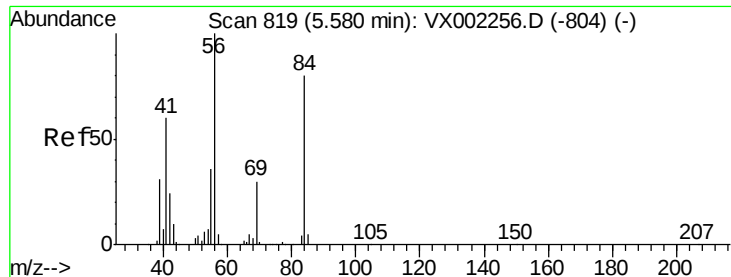
Delta R.T. 0.03 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Tgt Ion: 83 Resp: 10233
Ion Ratio Lower Upper
83 100
85 19.7 50.4 75.6#

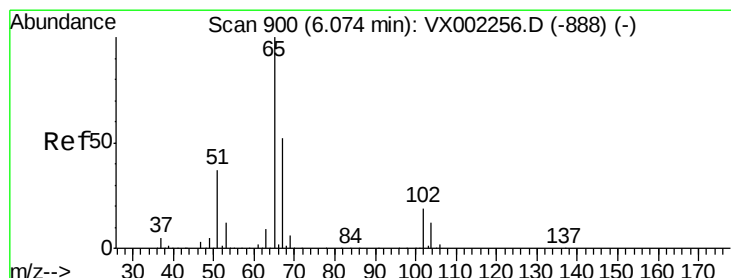
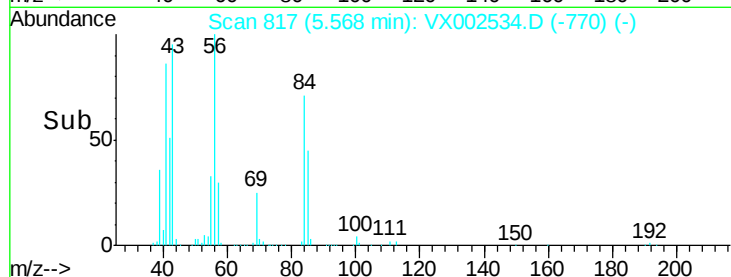
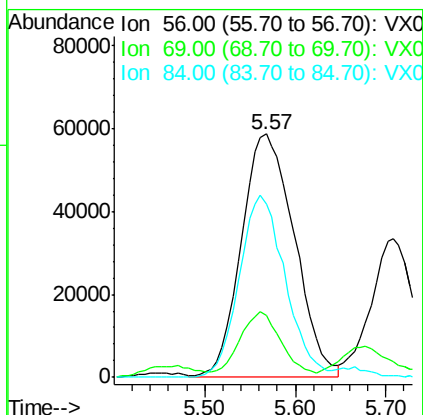
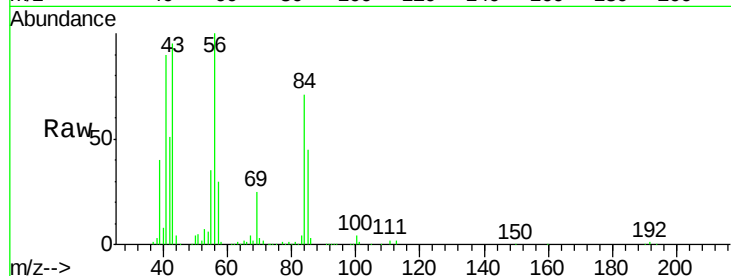




#31
Cyclohexane
Concen: 50.95 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

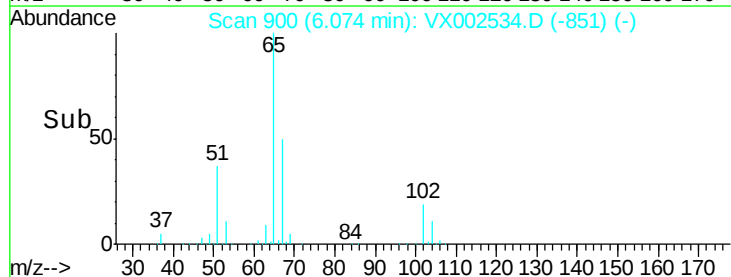
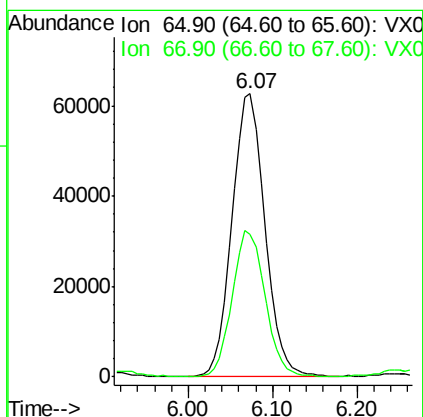
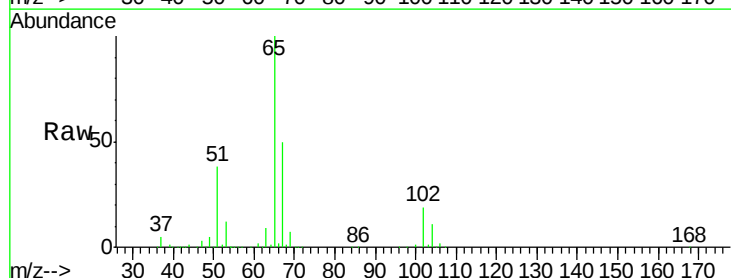
Instrument :
MSVOA_X
ClientSampleId :

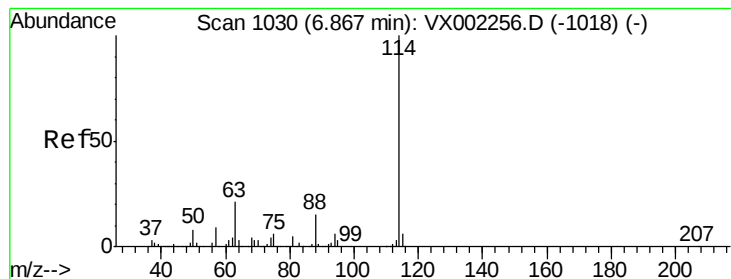
Tot Ion: 56 Resp: 237057
Ion Ratio Lower Upper
56 100
69 21.9 23.7 35.5#
84 71.5 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 44.65 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tgt Ion: 65 Resp: 165890
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampleId :

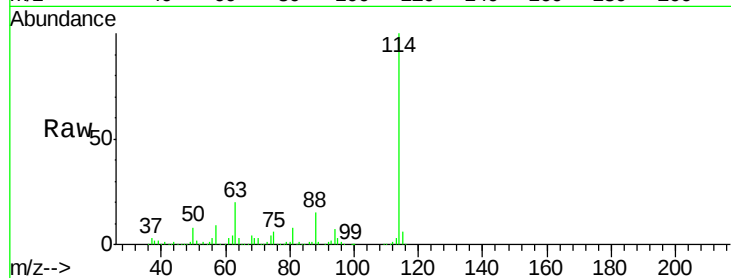
Tot Ion:114 Resp: 369863

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

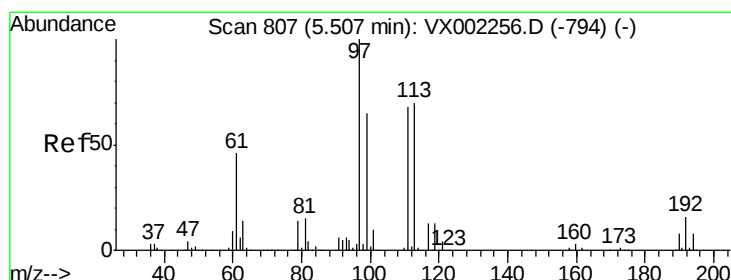
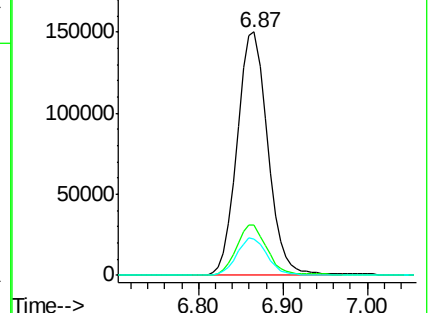
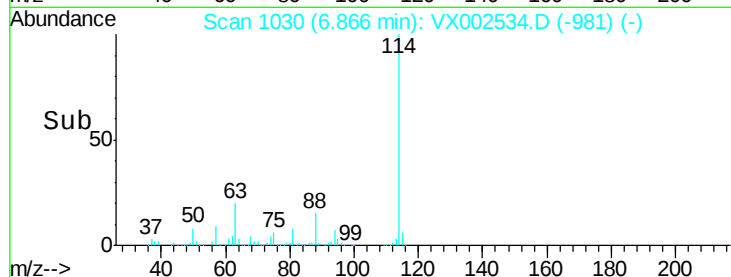
88 15.1 0.0 30.0



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: 42.10 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

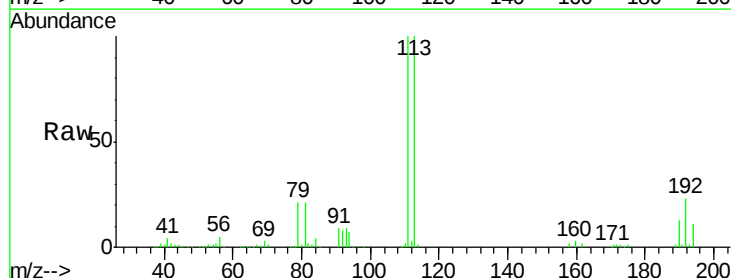
Tgt Ion:113 Resp: 122451

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

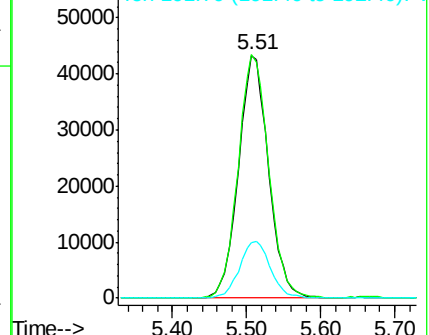
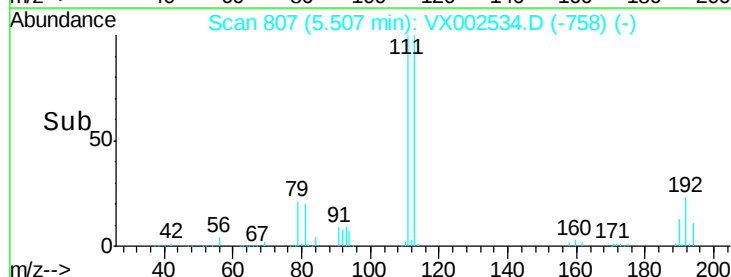
192 24.2 19.1 28.7

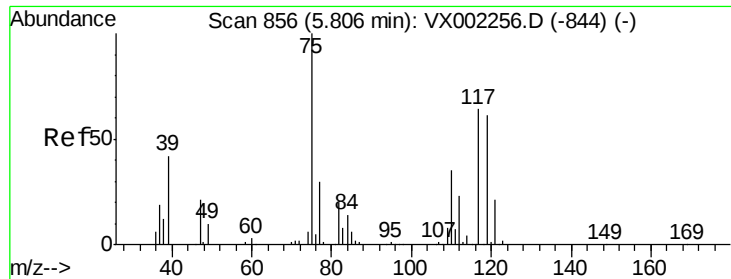


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

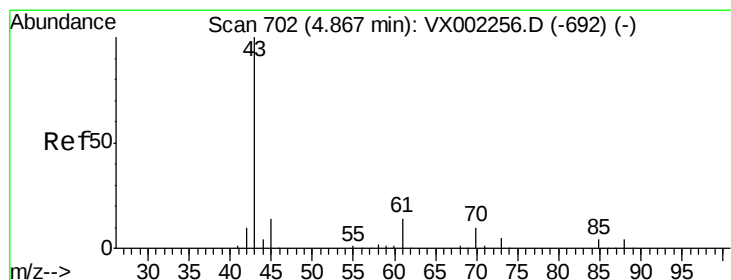
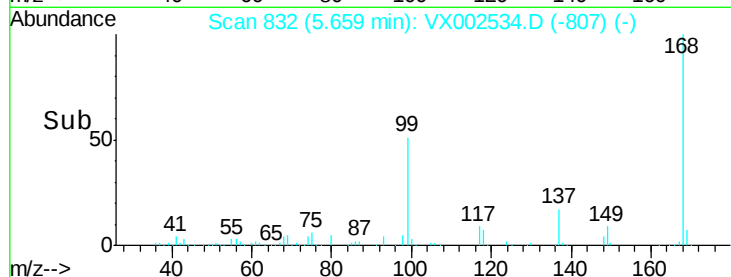
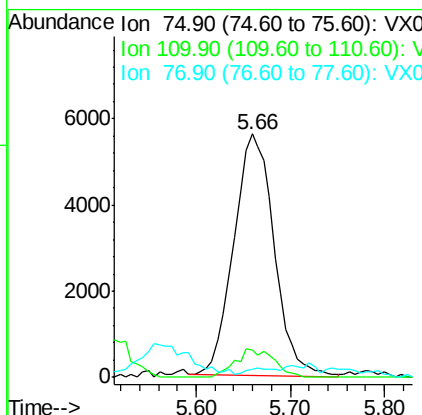
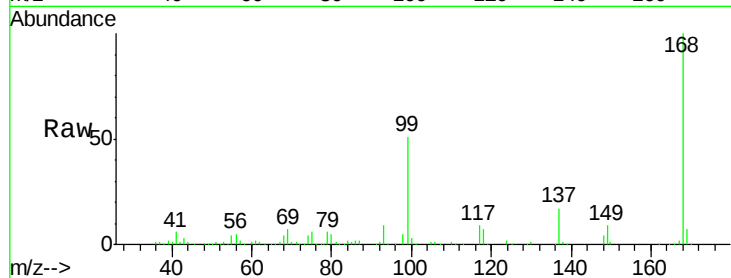




#36
 1,1-Dichloropropene
 Concen: 4.28 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

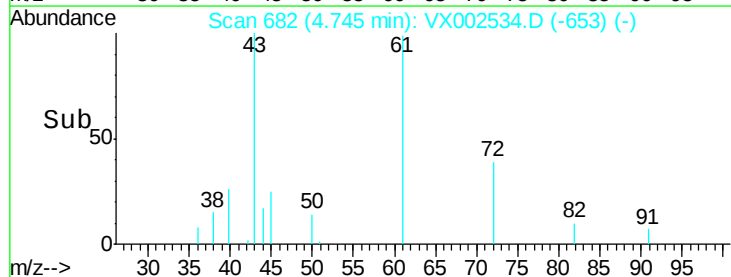
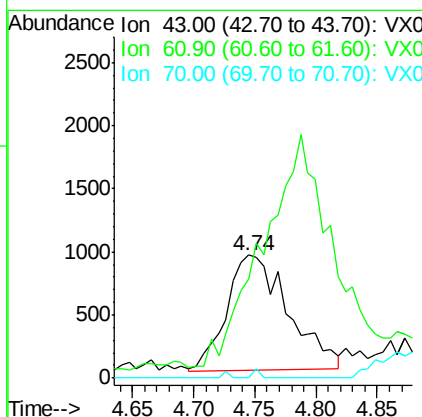
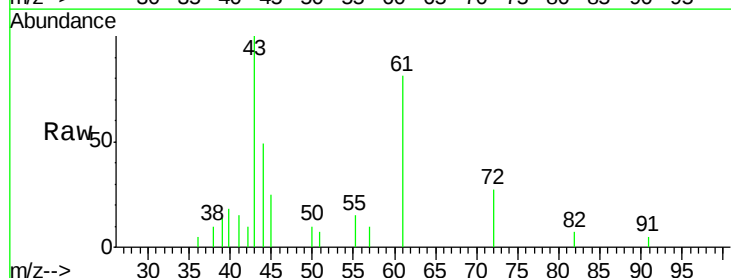
Instrument :
 MSVOA_X
 ClientSampleId :

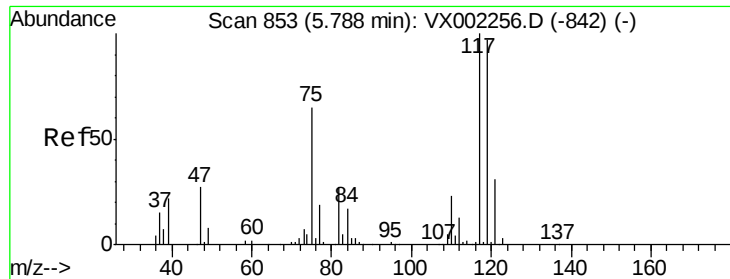
Tot Ion: 75 Resp: 16654
 Ion Ratio Lower Upper
 75 100
 110 11.3 18.1 54.4#
 77 1.3 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 0.68 ug/l
 RT: 4.74 min Scan# 682
 Delta R.T. -0.12 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

Tgt Ion: 43 Resp: 3176
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.8 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 5.73 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampleId :

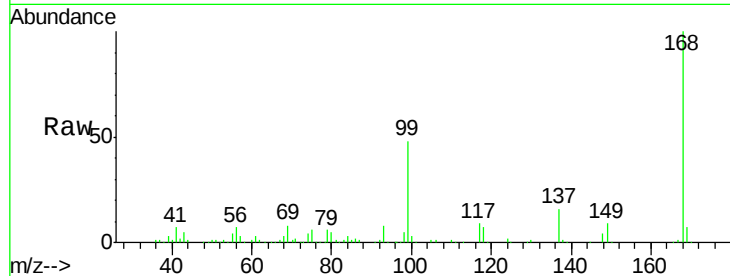
Tot Ion:117 Resp: 23324

Ion Ratio Lower Upper

117 100

119 4.6 77.4 116.0#

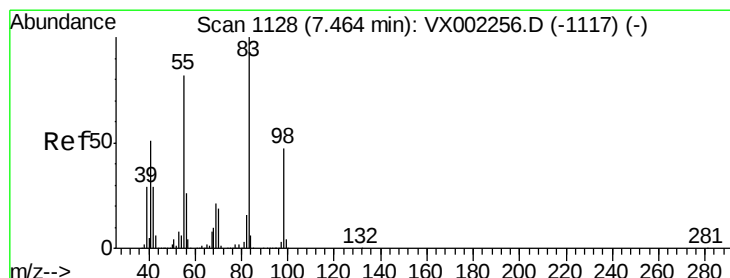
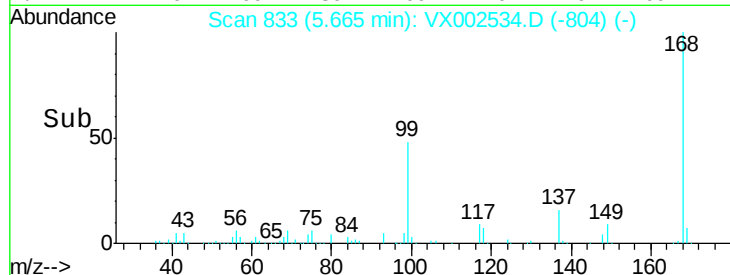
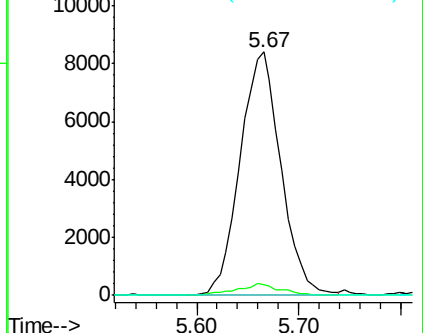
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 92.91 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

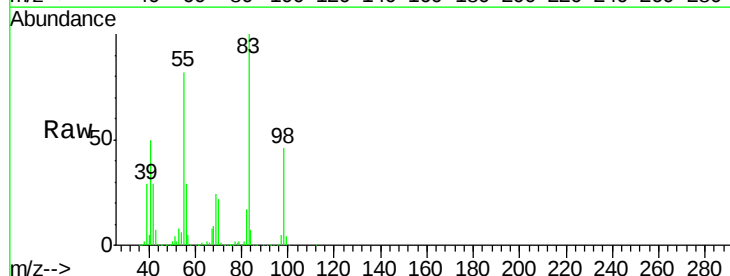
Tgt Ion: 83 Resp: 447389

Ion Ratio Lower Upper

83 100

55 81.9 65.4 98.0

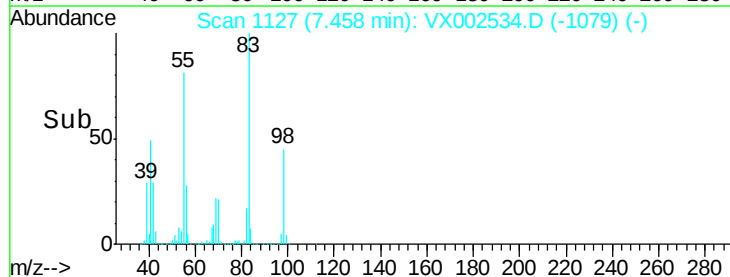
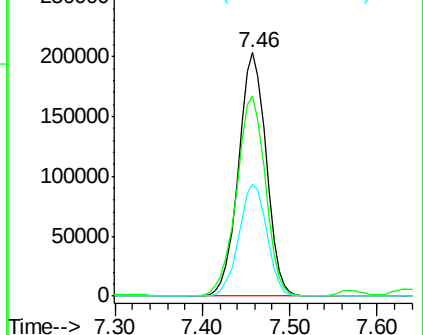
98 46.1 37.4 56.0

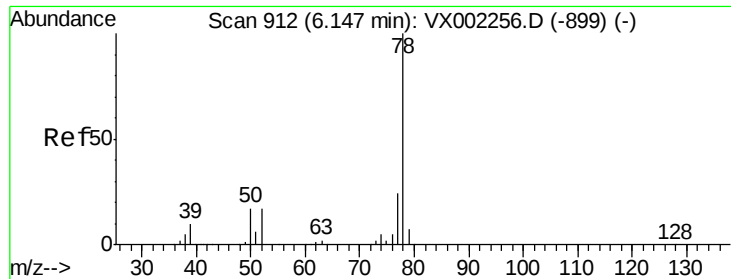


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.40 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

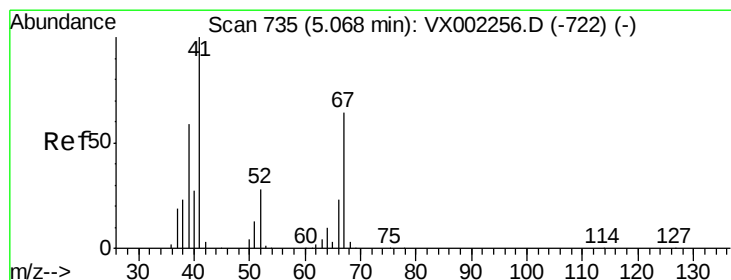
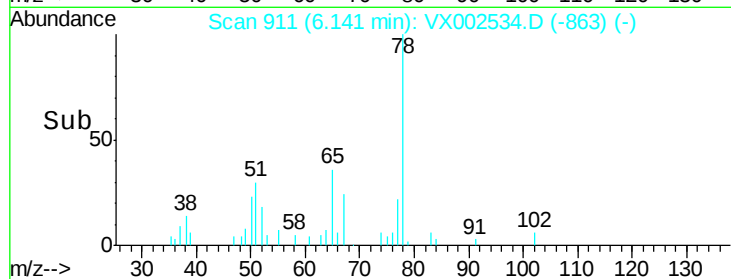
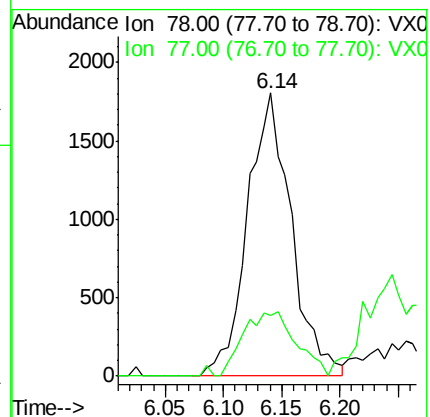
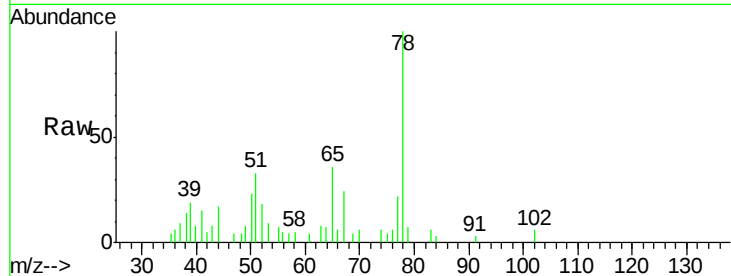
ClientSampleId :

Tot Ion: 78 Resp: 4715

Ion Ratio Lower Upper

78 100

77 21.5 19.1 28.7



#41

Methacrylonitrile

Concen: 0.97 ug/l

RT: 5.05 min Scan# 732

Delta R.T. -0.02 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Tgt Ion: 41 Resp: 2604

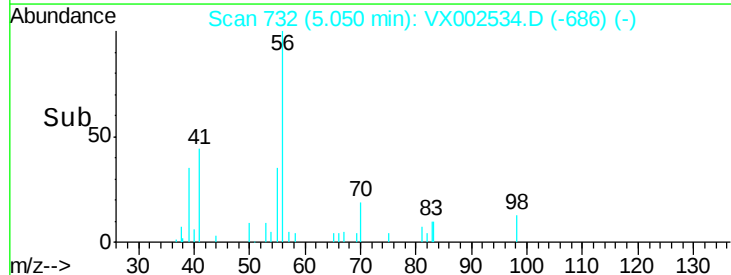
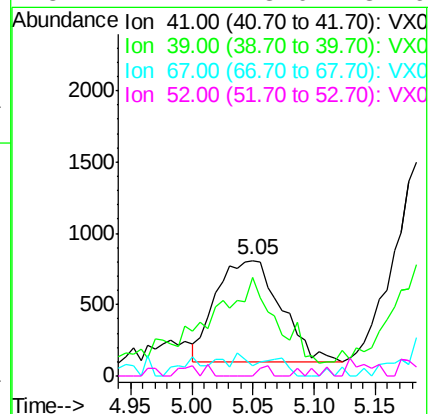
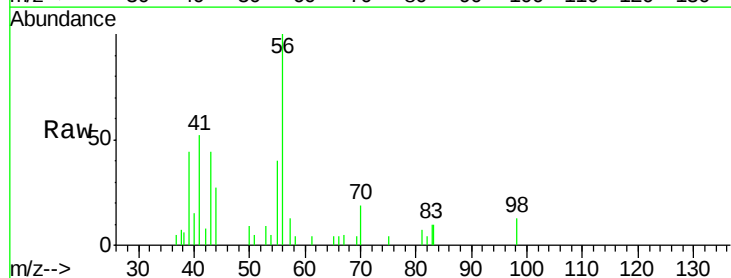
Ion Ratio Lower Upper

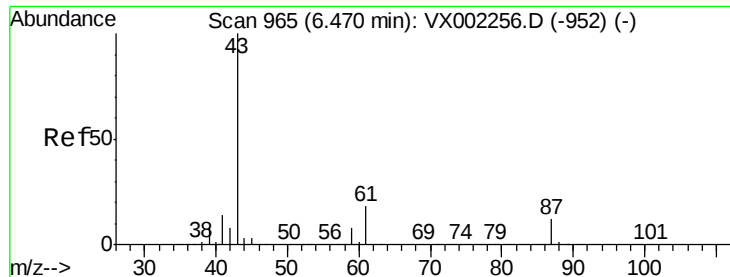
41 100

39 34.9 45.8 68.6#

67 0.0 51.3 76.9#

52 1.7 23.0 34.6#





#43

Isopropyl Acetate

Concen: 6.25 ug/l

RT: 6.27 min Scan# 933

Delta R.T. -0.20 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampleId :

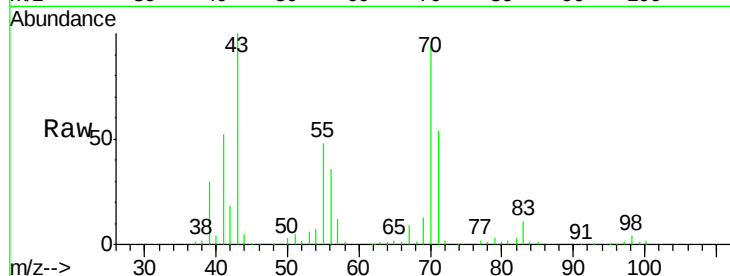
Tot Ion: 43 Resp: 49659

Ion Ratio Lower Upper

43 100

61 0.2 14.4 21.6#

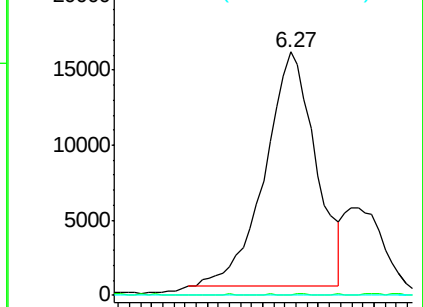
87 0.0 9.5 14.3#



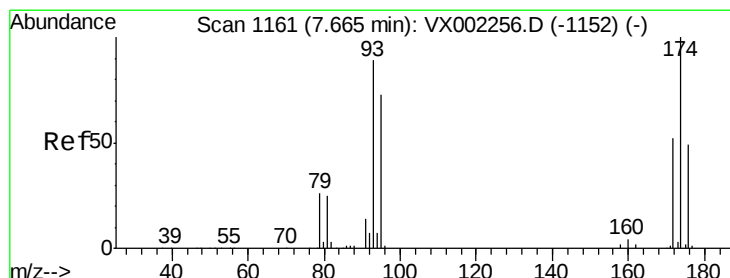
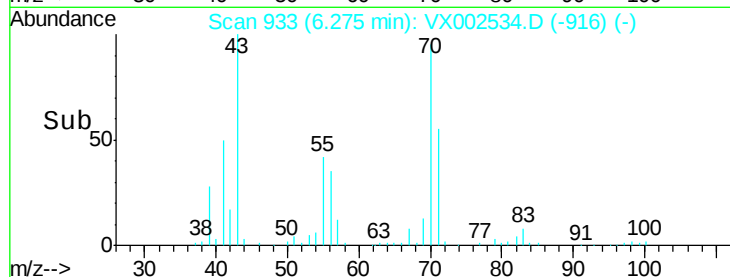
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#46

Dibromomethane

Concen: 0.25 ug/l

RT: 7.63 min Scan# 1156

Delta R.T. -0.03 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

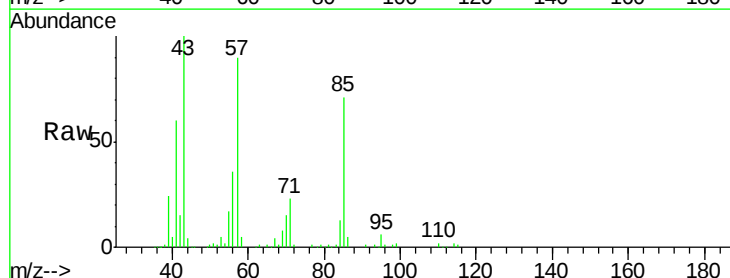
Tgt Ion: 93 Resp: 555

Ion Ratio Lower Upper

93 100

95 968.1 65.9 98.9#

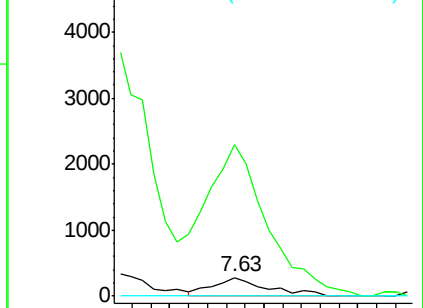
174 0.0 92.4 138.6#



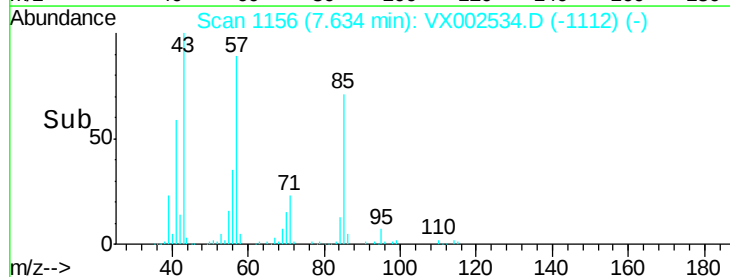
Abundance Ion 92.80 (92.50 to 93.50): VX0

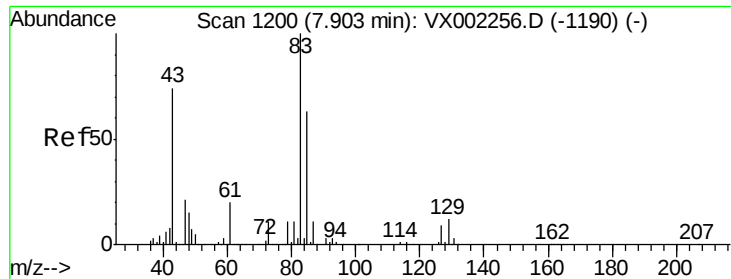
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 1.03 ug/l

RT: 7.84 min Scan# 1190

Delta R.T. -0.06 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampleId :

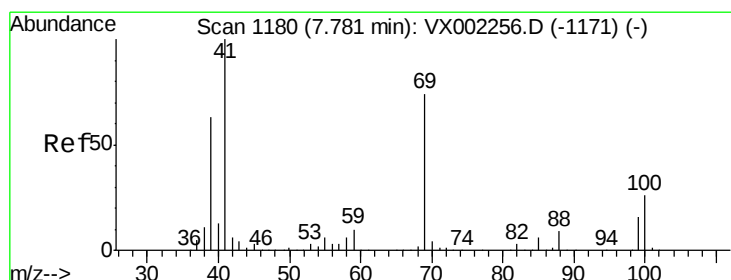
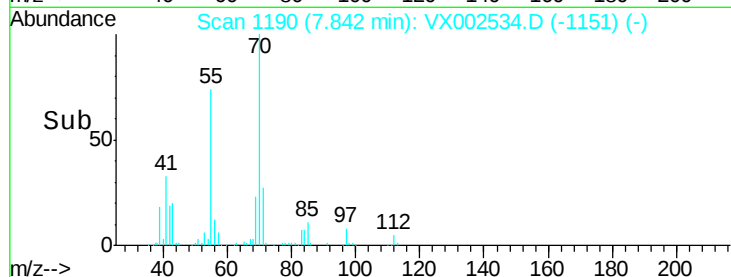
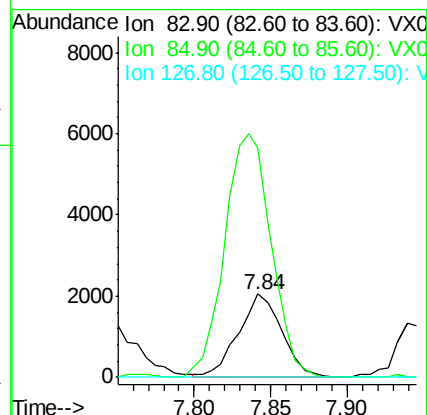
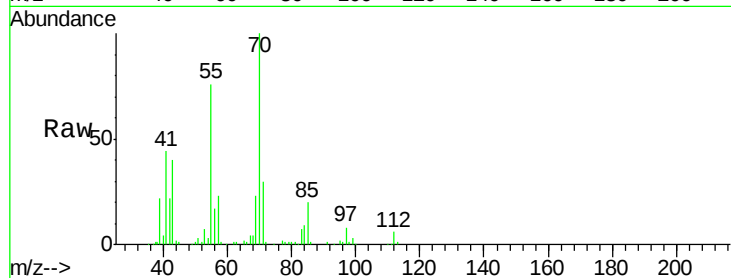
Tot Ion: 83 Resp: 4070

Ion Ratio Lower Upper

83 100

85 274.1 50.3 75.5#

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 8.64 ug/l

RT: 7.73 min Scan# 1171

Delta R.T. -0.06 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

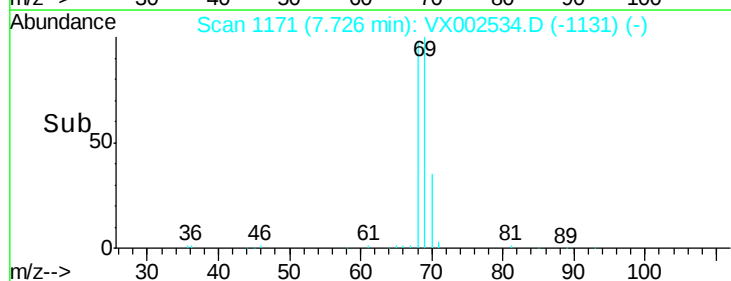
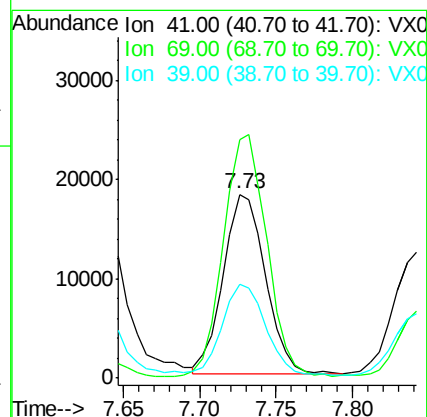
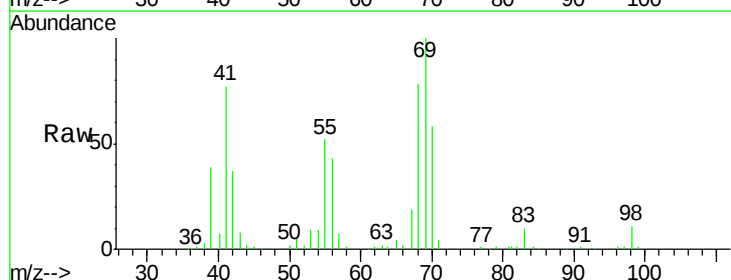
Tgt Ion: 41 Resp: 34467

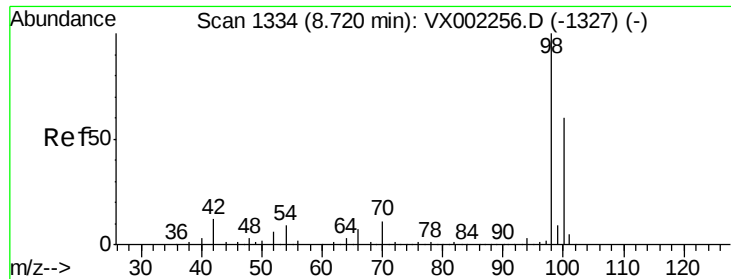
Ion Ratio Lower Upper

41 100

69 138.7 59.1 88.7#

39 53.4 48.9 73.3

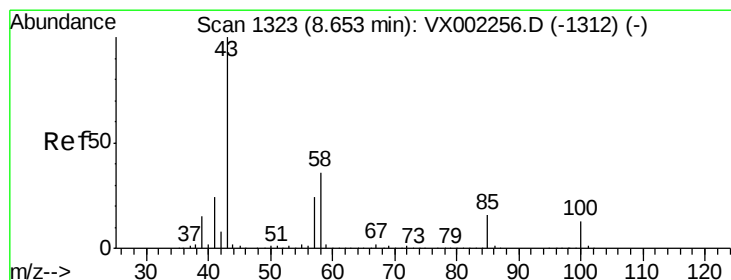
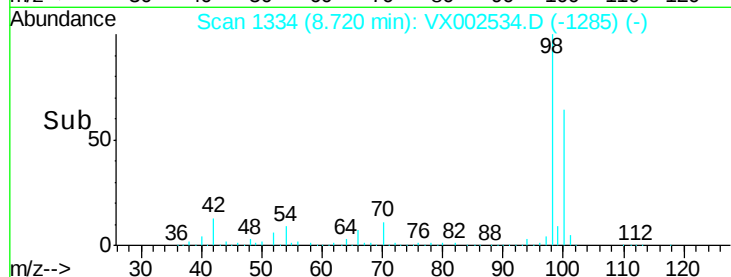
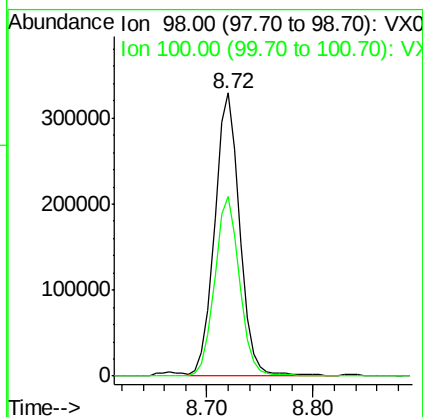
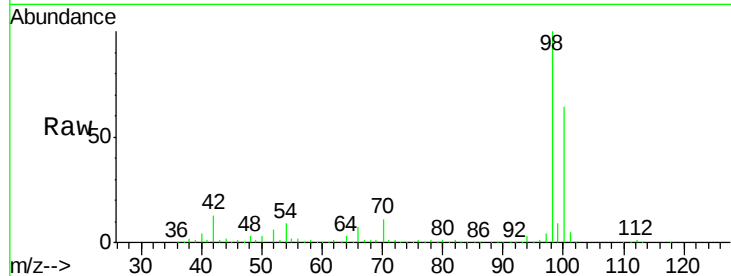




#50
Toluene-d8
Concen: 47.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

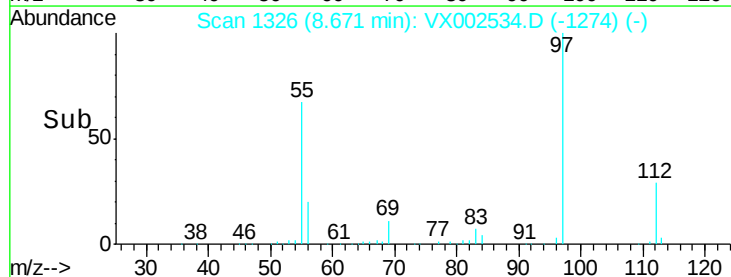
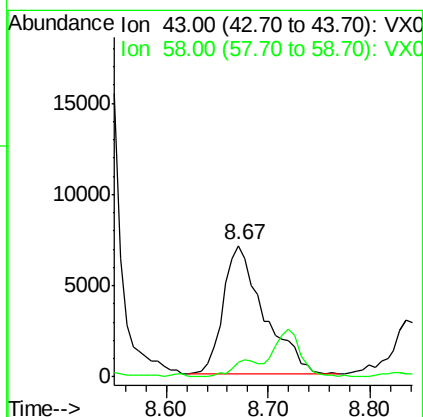
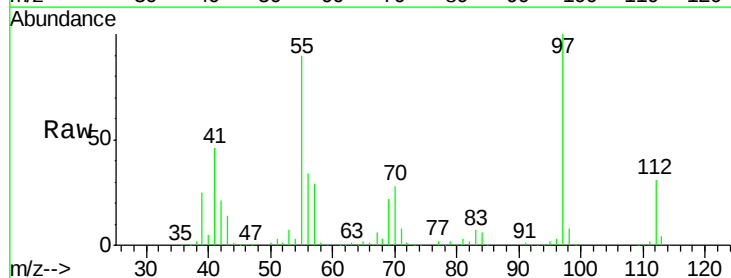
Instrument :
MSVOA_X
ClientSampleId :

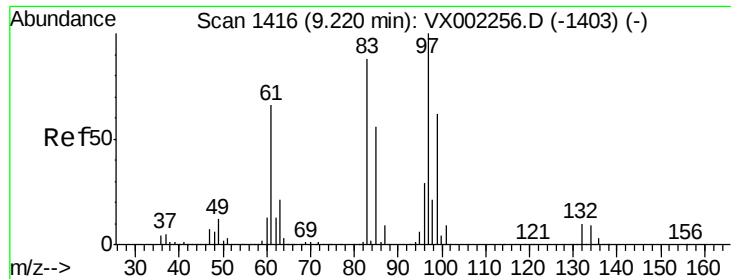
Tot Ion: 98 Resp: 527418
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 3.91 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.02 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tgt Ion: 43 Resp: 19338
Ion Ratio Lower Upper
43 100
58 9.4 28.6 42.8#





#55

1,1,2-Trichloroethane

Concen: 0.60 ug/l

RT: 9.27 min Scan# 1424

Delta R.T. 0.05 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 97 Resp: 1884

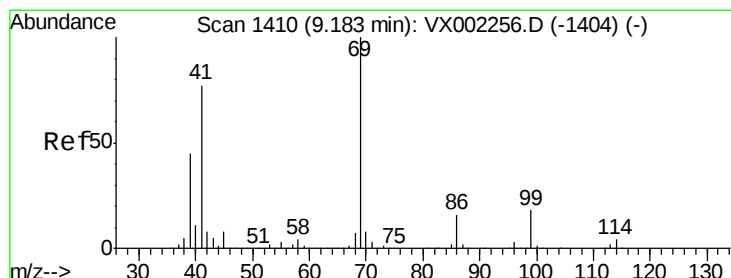
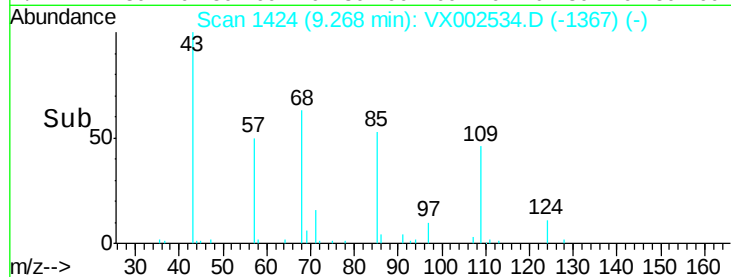
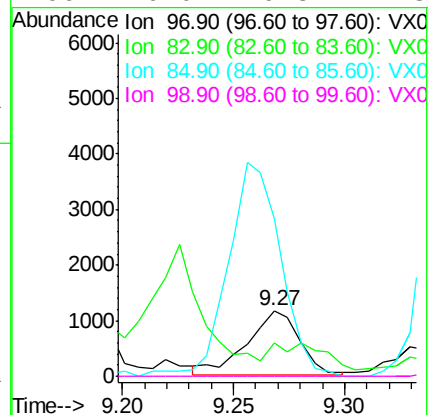
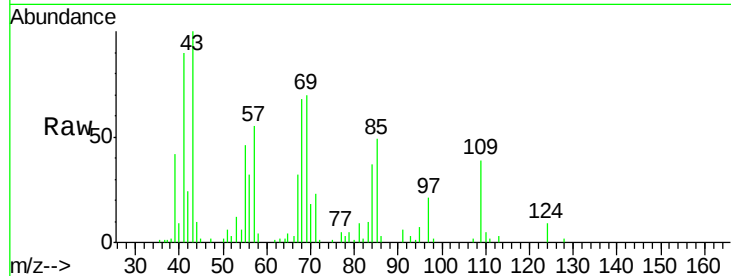
Ion Ratio Lower Upper

97 100

83 33.2 70.2 105.2#

85 253.6 44.9 67.3#

99 0.0 49.8 74.8#



#56

Ethyl methacrylate

Concen: 2.73 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

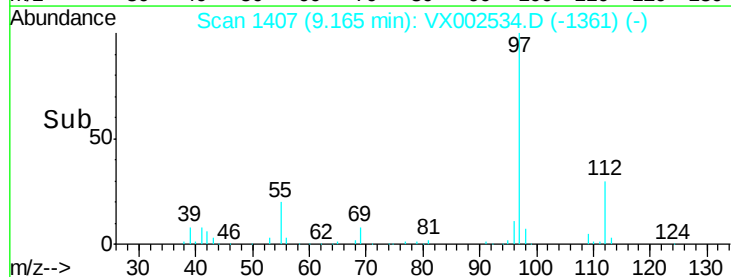
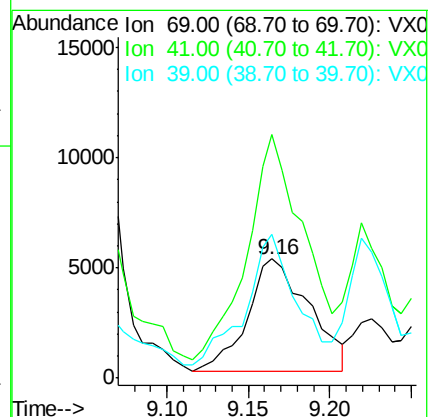
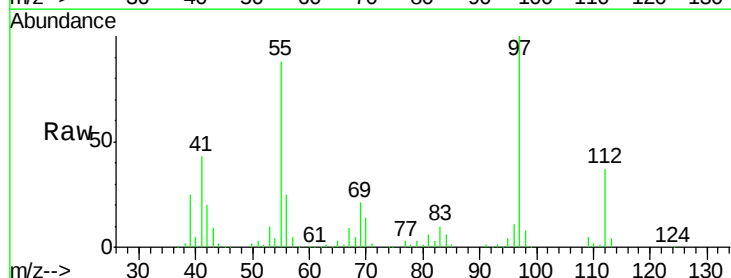
Tgt Ion: 69 Resp: 13598

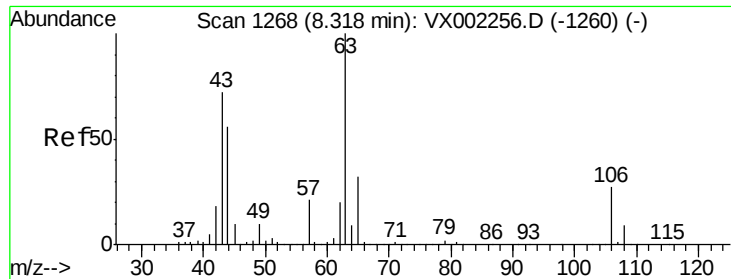
Ion Ratio Lower Upper

69 100

41 179.3 60.3 90.5#

39 94.4 35.8 53.8#

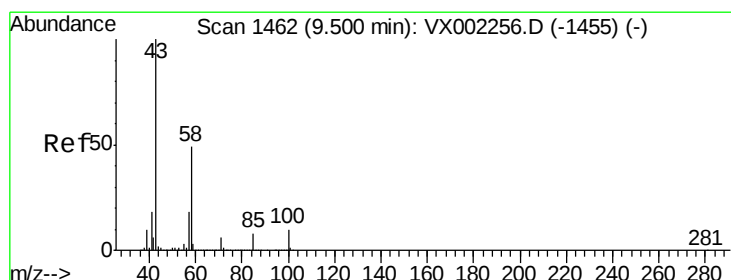
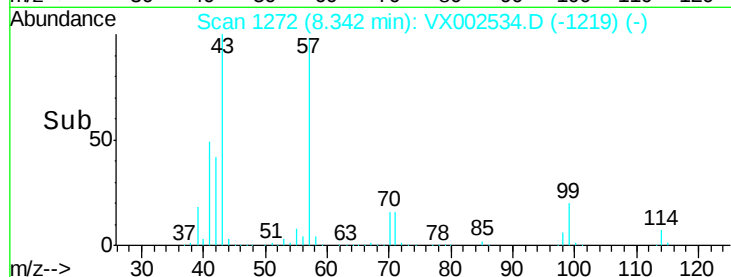
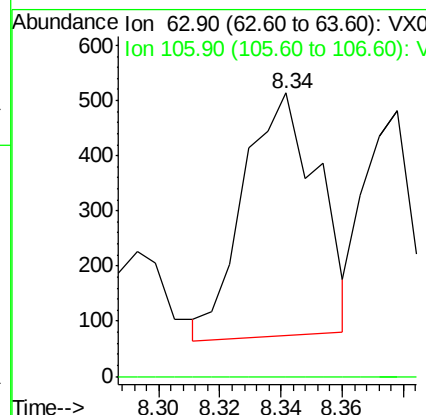
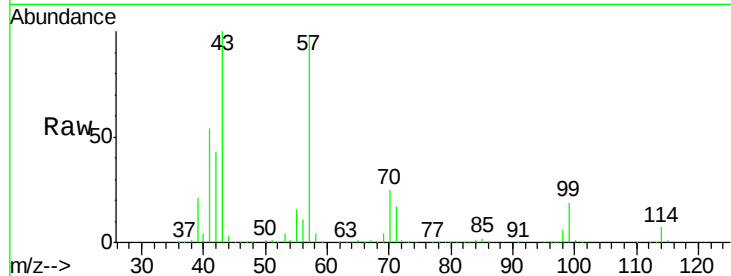




#58
2-Chloroethyl Vinyl ether
Concen: 0.32 ug/l
RT: 8.34 min Scan# 1272
Delta R.T. 0.02 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

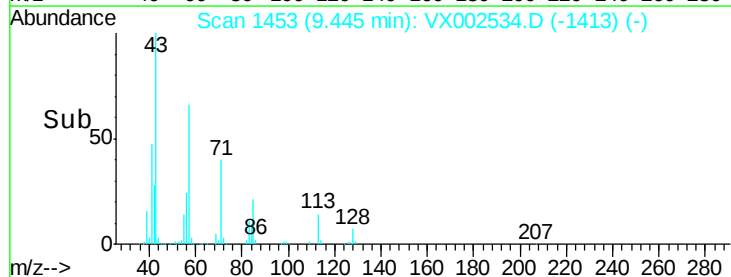
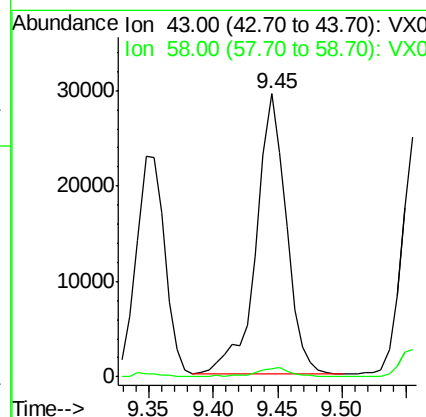
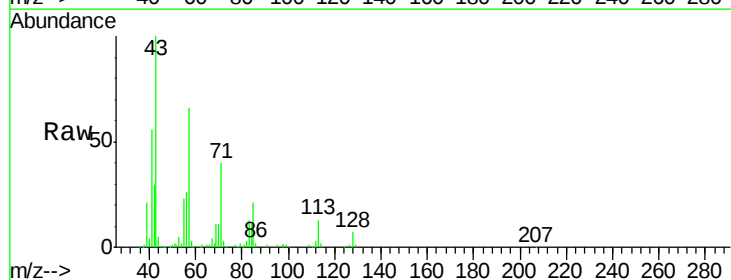
Instrument :
MSVOA_X
ClientSampled :

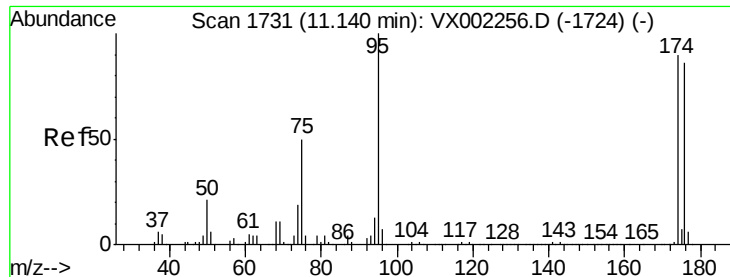
Tot Ion: 63 Resp: 745
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.8#



#59
2-Hexanone
Concen: 12.46 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.06 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tgt Ion: 43 Resp: 47604
Ion Ratio Lower Upper
43 100
58 3.8 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 46.13 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampleId :

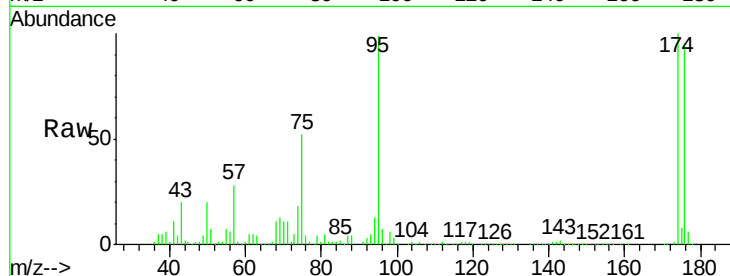
Tot Ion: 95 Resp: 198336

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

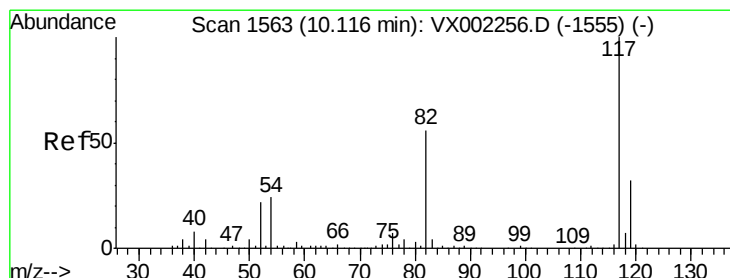
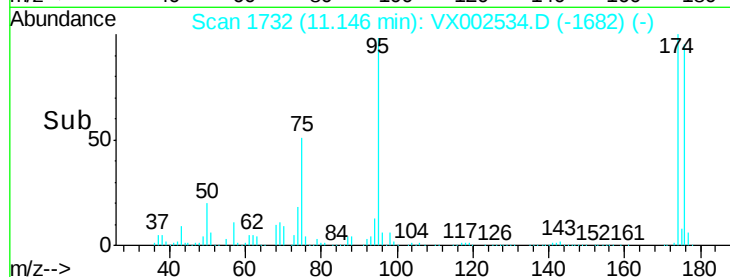
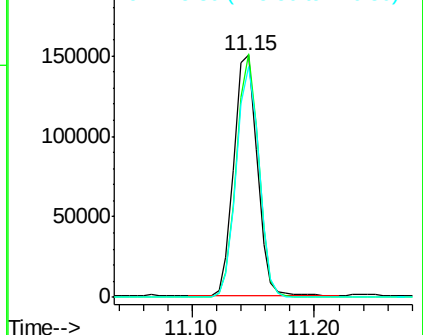
176 92.8 0.0 181.0



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# 1564

Delta R.T. 0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

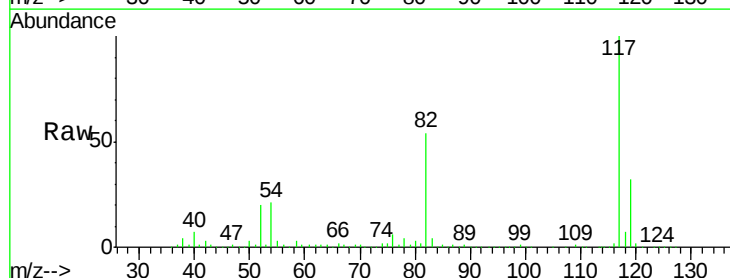
Tgt Ion: 117 Resp: 348618

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

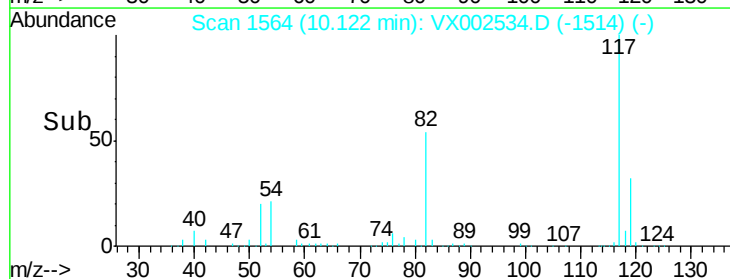
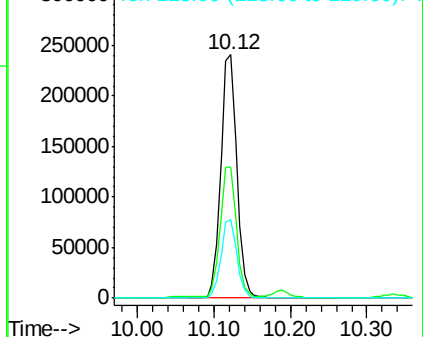
119 32.4 25.8 38.6

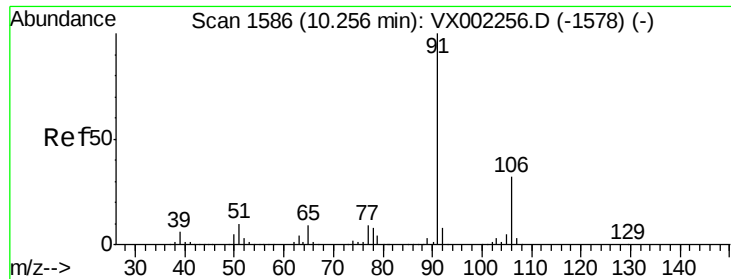


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 41.58 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

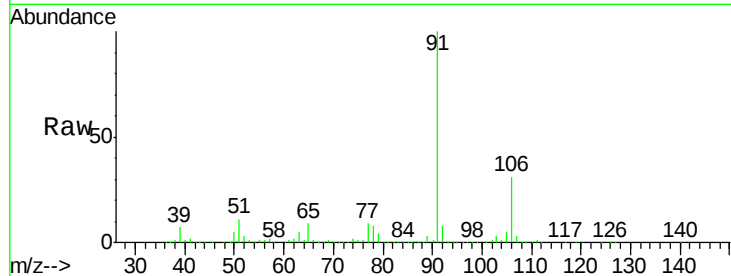
ClientSampled :

Tot Ion: 91 Resp: 603639

Ion Ratio Lower Upper

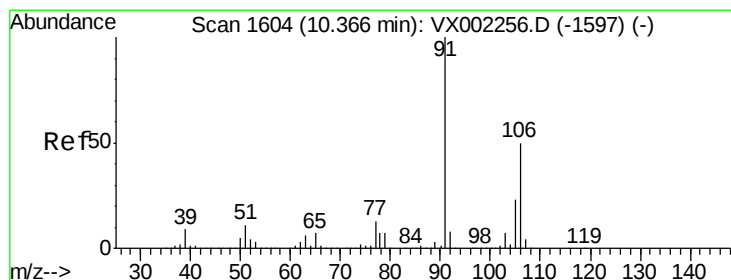
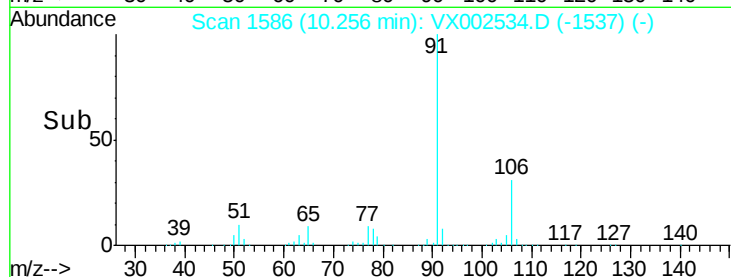
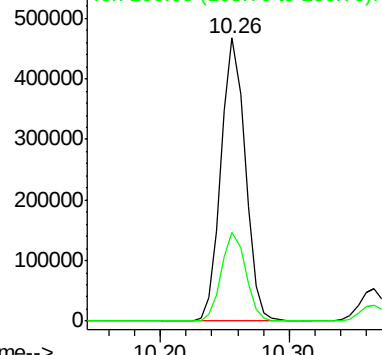
91 100

106 31.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 6.59 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002534.D

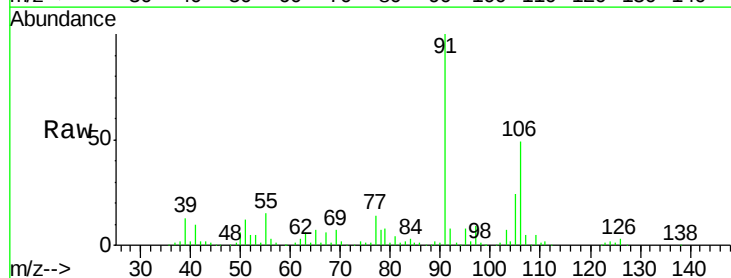
Acq: 14 Jun 2018 03:35

Tgt Ion: 106 Resp: 37190

Ion Ratio Lower Upper

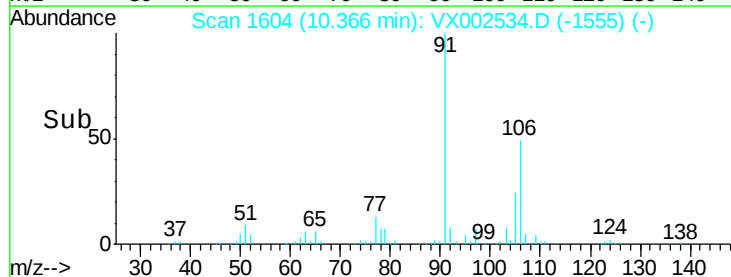
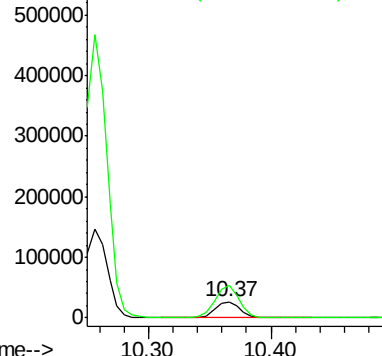
106 100

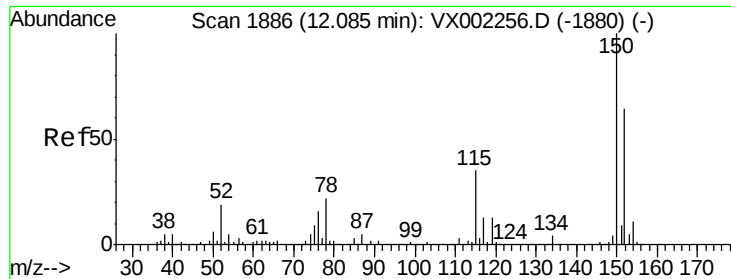
91 195.2 163.4 245.2



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampleId :

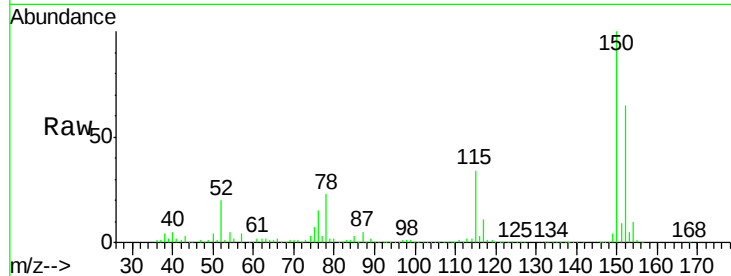
Tot Ion:152 Resp: 213557

Ion Ratio Lower Upper

152 100

115 53.5 40.1 120.2

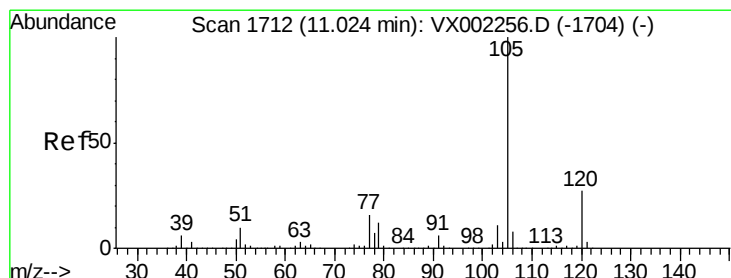
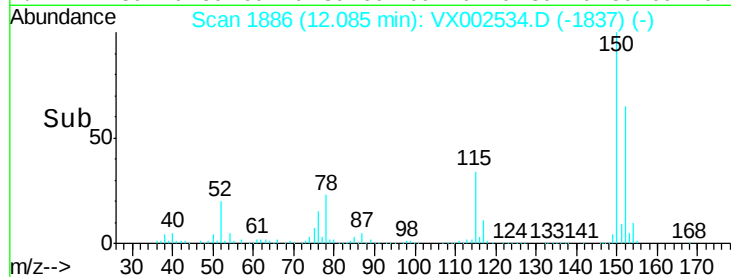
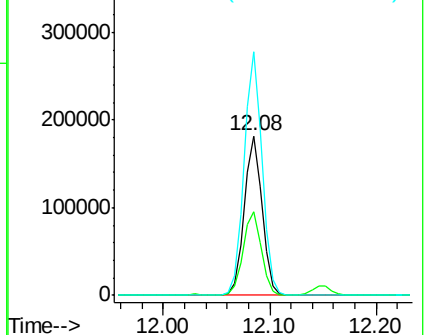
150 154.2 0.0 347.2



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: 5.75 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002534.D

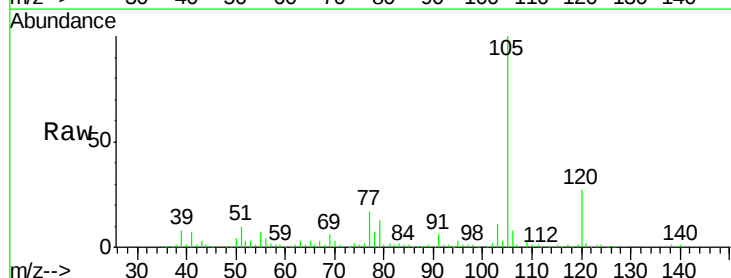
Acq: 14 Jun 2018 03:35

Tgt Ion:105 Resp: 85436

Ion Ratio Lower Upper

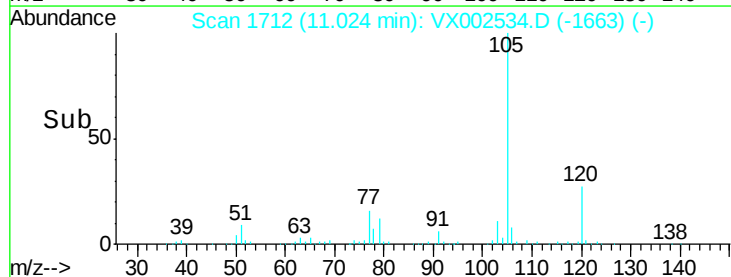
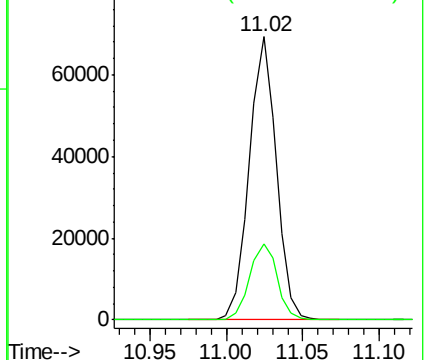
105 100

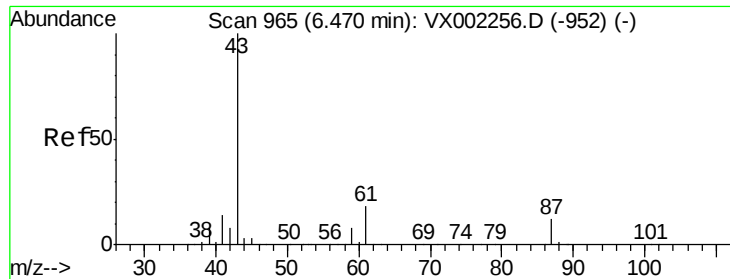
120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 6.20 ug/l

RT: 6.27 min Scan# 933

Delta R.T. -0.20 min

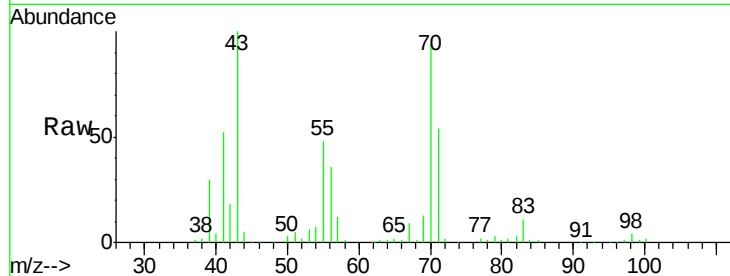
Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

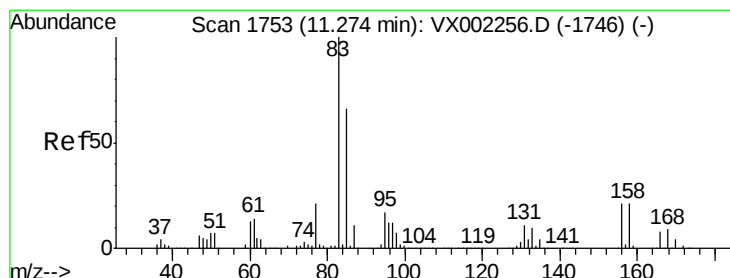
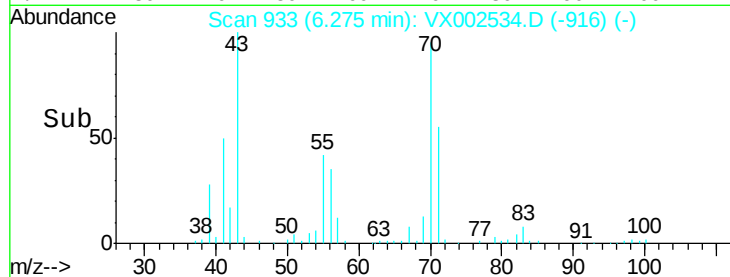
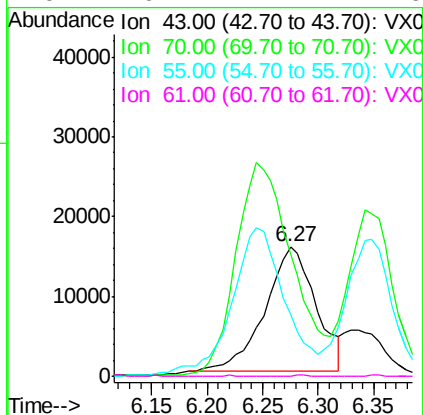
Instrument :

MSVOA_X

ClientSampleId :



Tot Ion:	43	Resp:	49659
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	0.2	14.4	21.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.10 ug/l

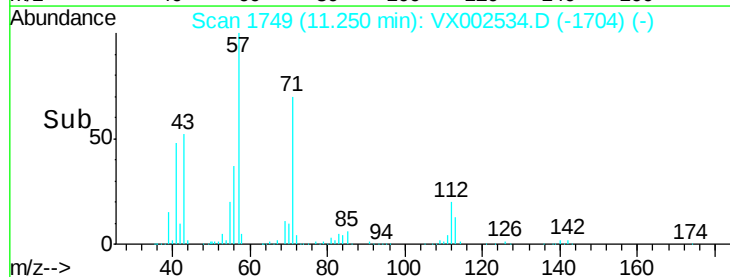
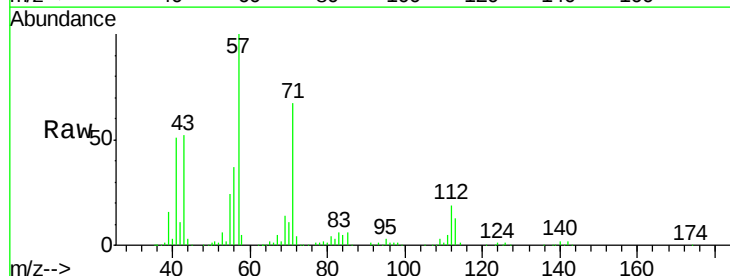
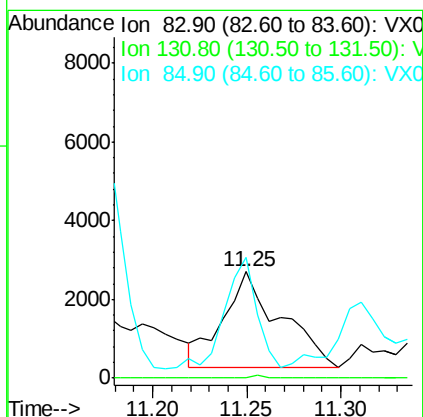
RT: 11.25 min Scan# 1749

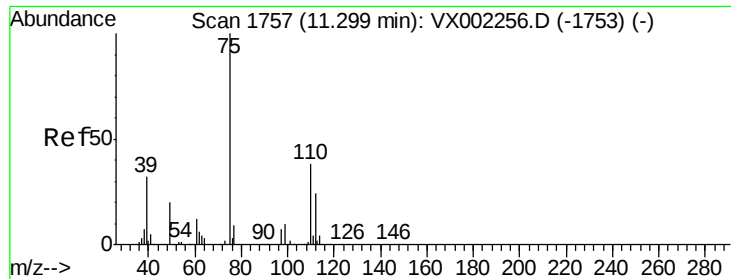
Delta R.T. -0.02 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Tgt Ion:	83	Resp:	5120
Ion	Ratio	Lower	Upper
83	100		
131	0.4	5.6	16.8#
85	70.1	32.4	97.2





#76

1,2,3-Trichloropropane

Concen: 0.71 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.07 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

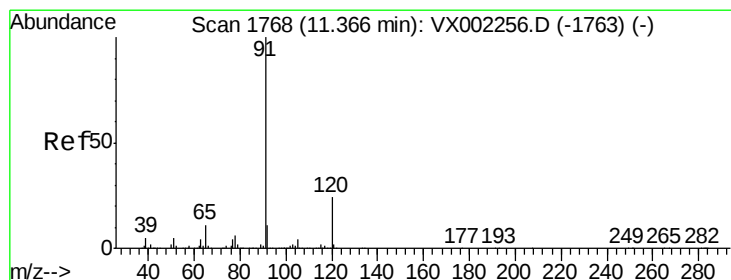
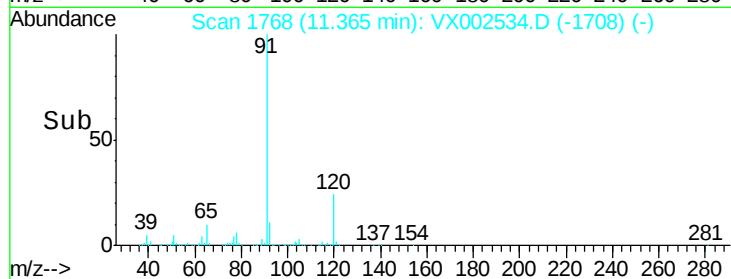
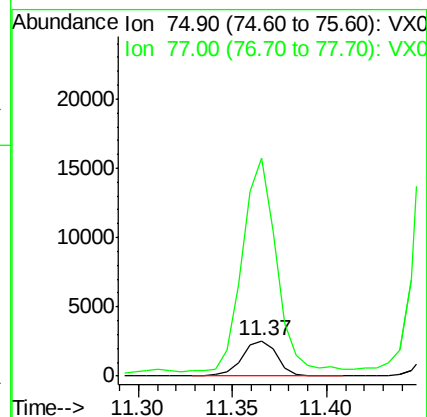
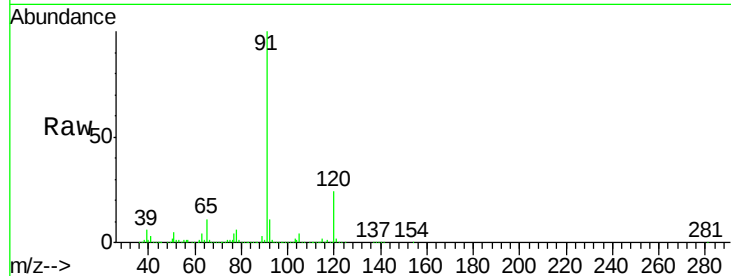
ClientSampleId :

Tot Ion: 75 Resp: 3343

Ion Ratio Lower Upper

75 100

77 576.3 22.8 68.3#



#78

n-propylbenzene

Concen: 28.09 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002534.D

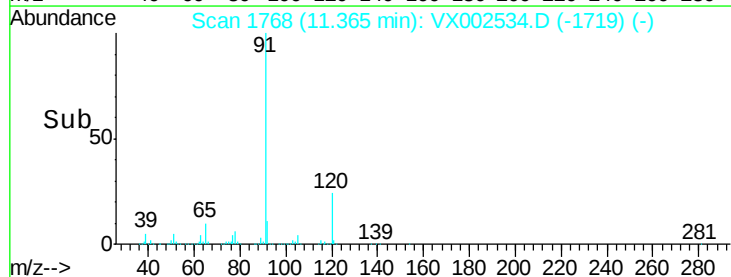
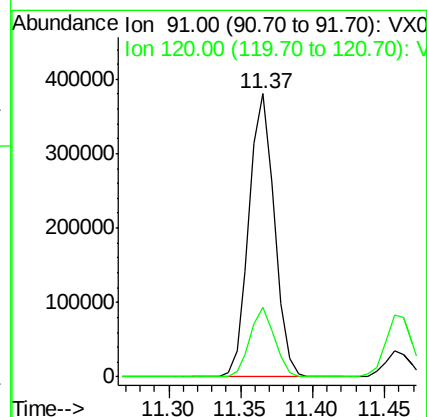
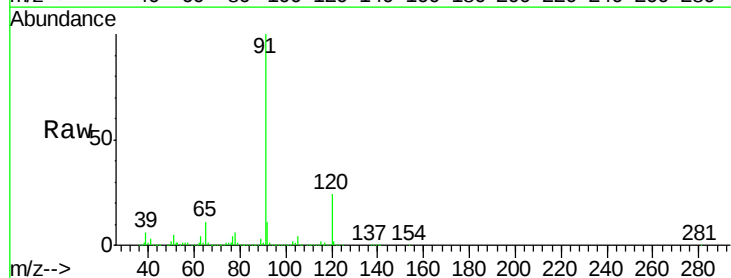
Acq: 14 Jun 2018 03:35

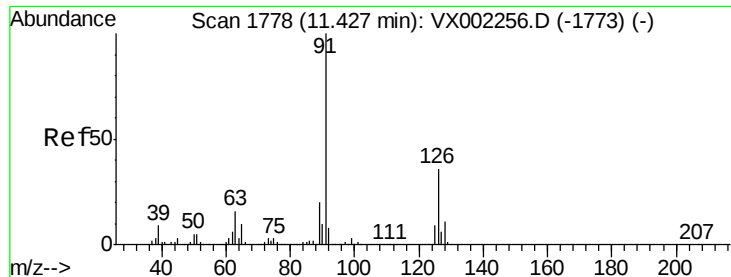
Tgt Ion: 91 Resp: 463772

Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.4





#79

2-Chlorotoluene

Concen: 3.96 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

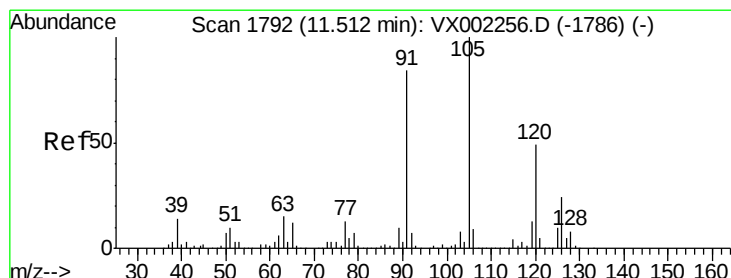
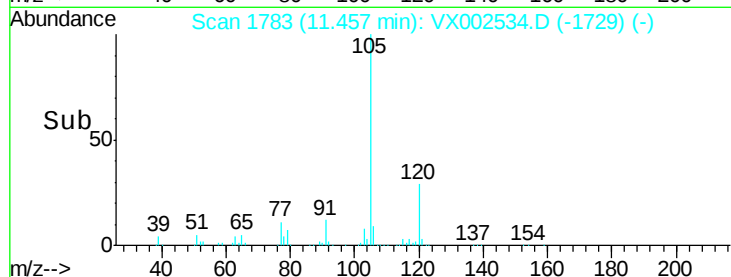
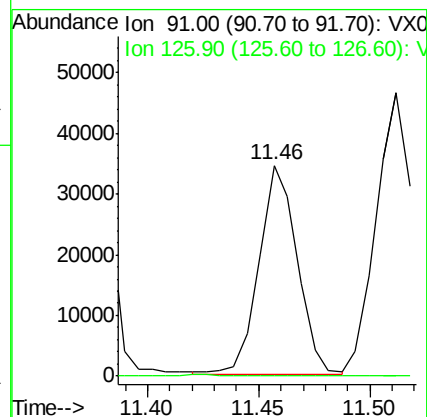
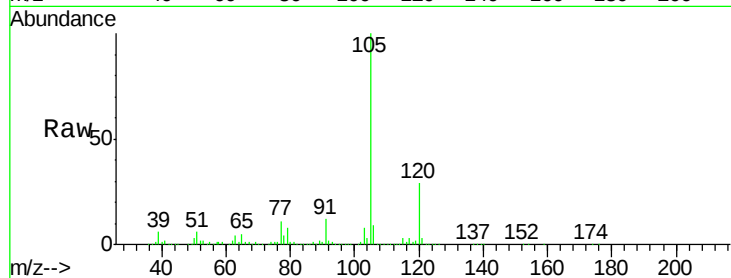
ClientSampled :

Tot Ion: 91 Resp: 41260

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



#80

1,3,5-Trimethylbenzene

Concen: 39.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002534.D

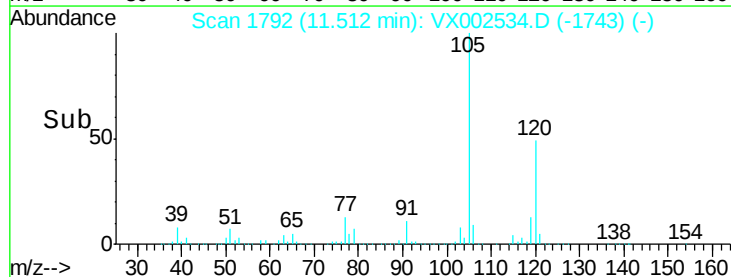
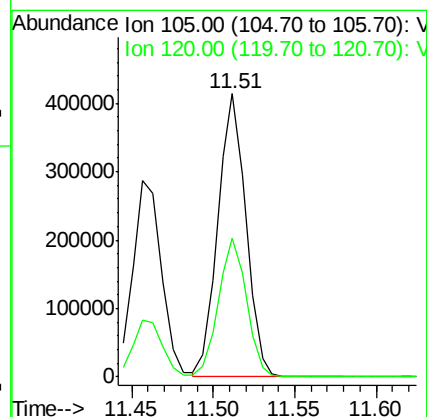
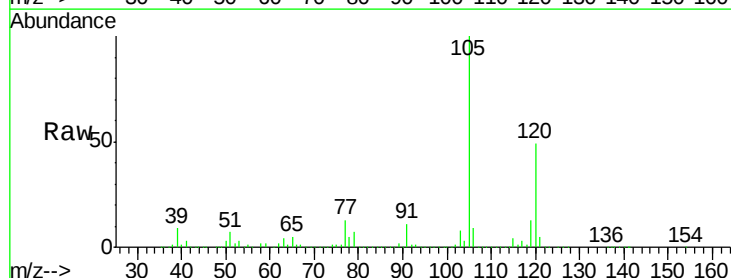
Acq: 14 Jun 2018 03:35

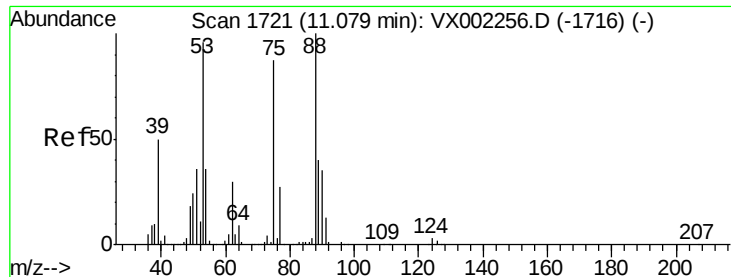
Tgt Ion: 105 Resp: 497221

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 76.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampled :

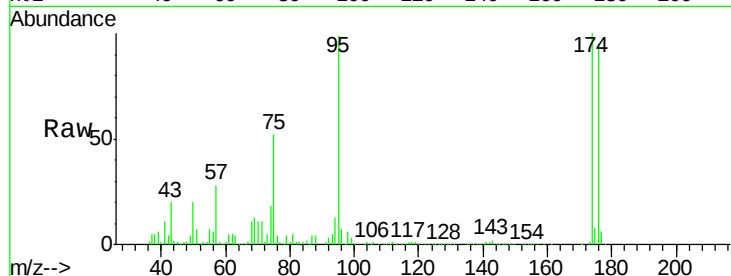
Tot Ion: 75 Resp: 102786

Ion Ratio Lower Upper

75 100

53 2.9 86.8 130.2#

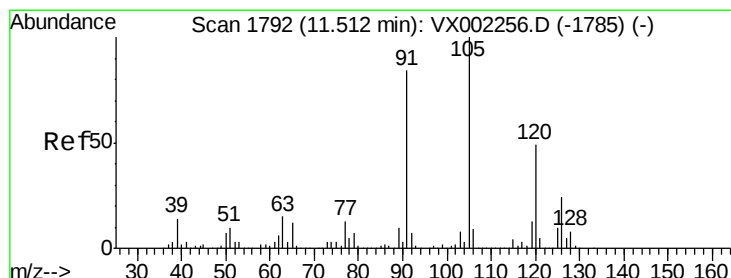
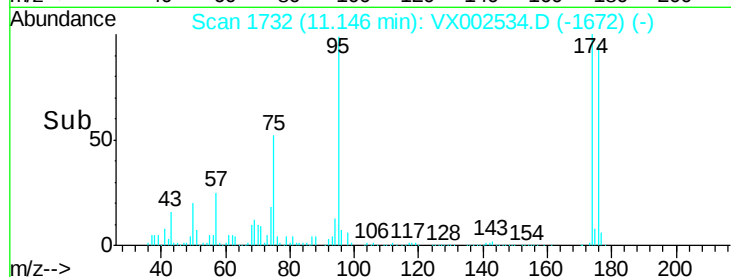
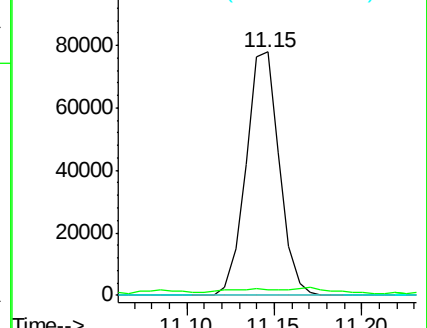
89 0.0 38.2 57.2#



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: 4.51 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002534.D

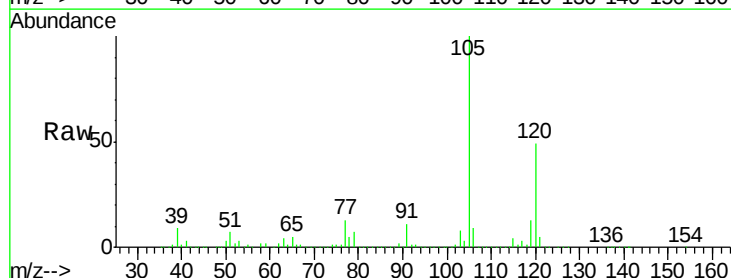
Acq: 14 Jun 2018 03:35

Tgt Ion: 91 Resp: 54317

Ion Ratio Lower Upper

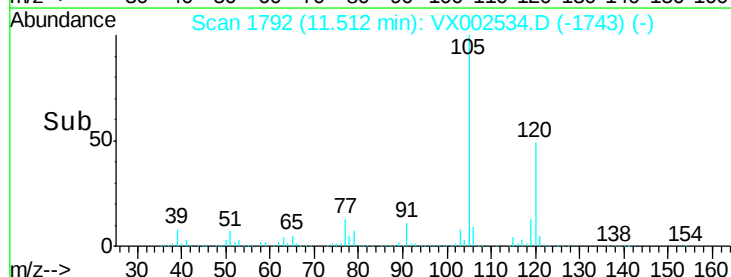
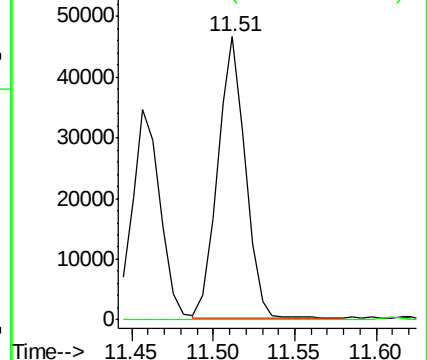
91 100

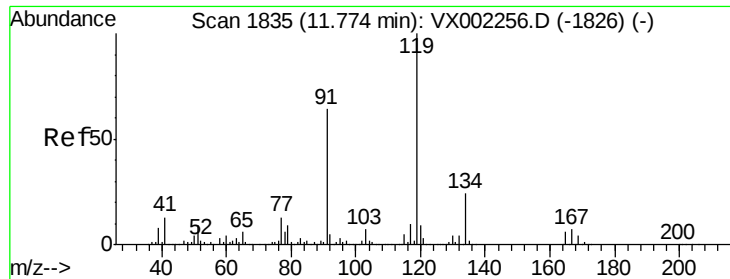
126 0.6 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

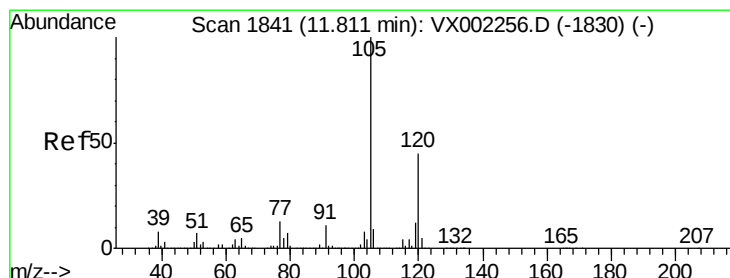
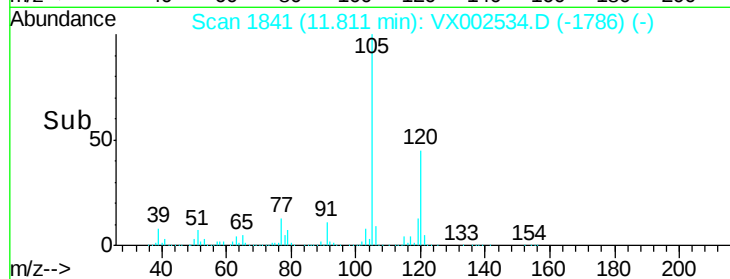
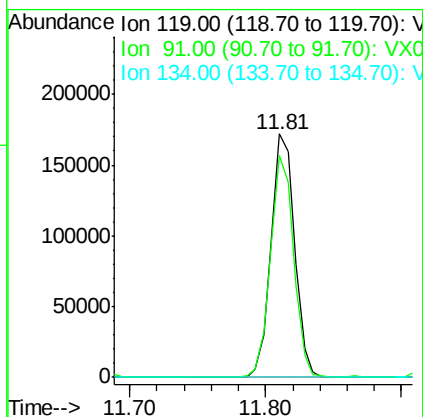
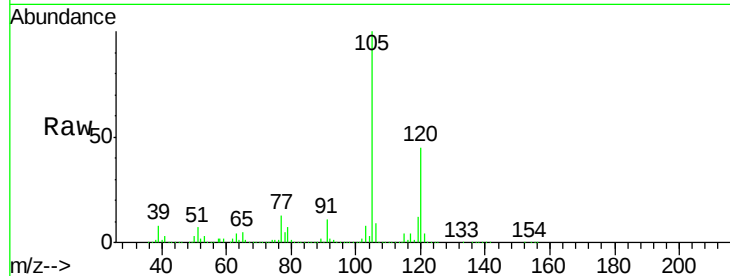




#83
 tert-Butylbenzene
 Concen: 17.00 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.04 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

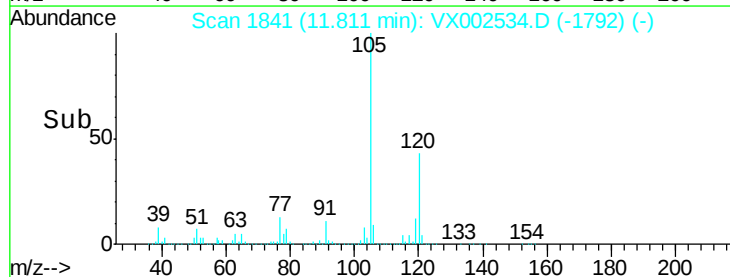
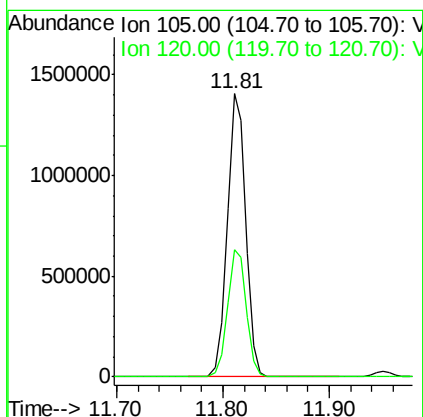
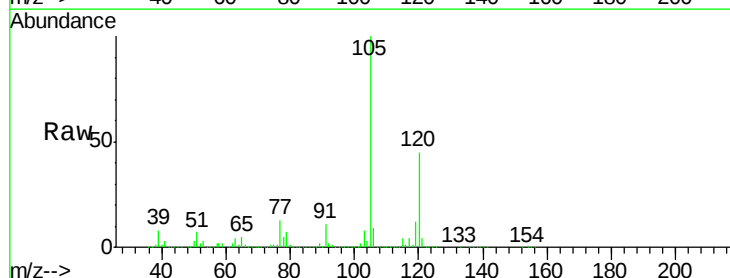
Instrument :
 MSVOA_X
 ClientSampleId :

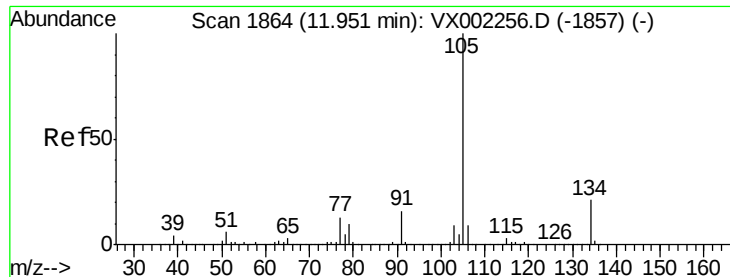
Tot Ion:119 Resp: 210892
 Ion Ratio Lower Upper
 119 100
 91 89.0 30.3 90.9
 134 0.0 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 129.51 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

Tgt Ion:105 Resp: 1698712
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8

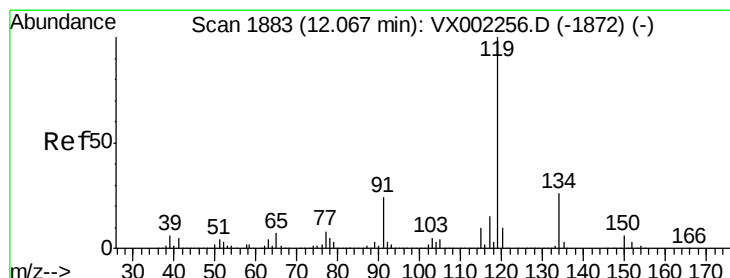
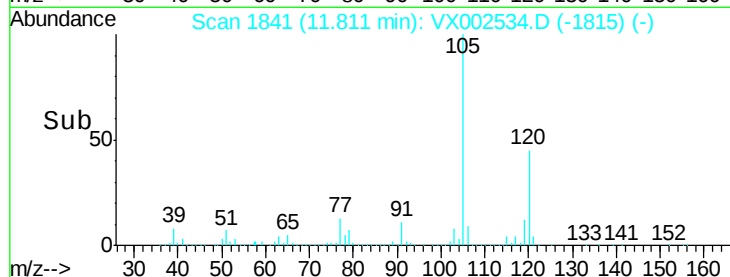
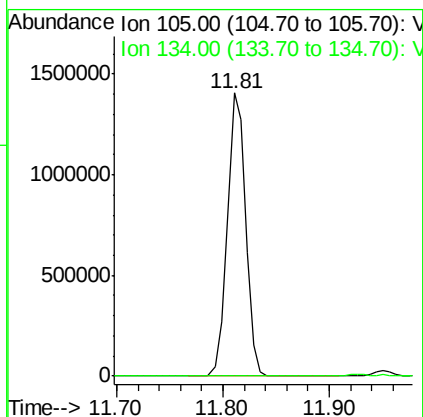
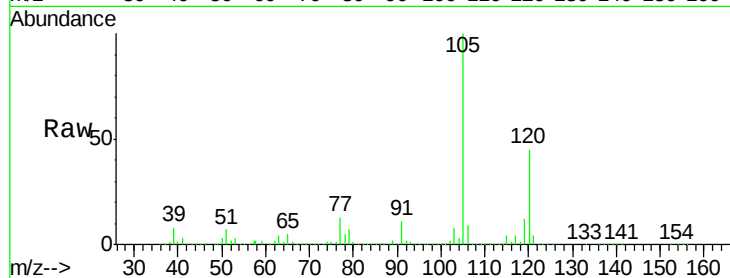




#85
 sec-Butylbenzene
 Concen: 116.78 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

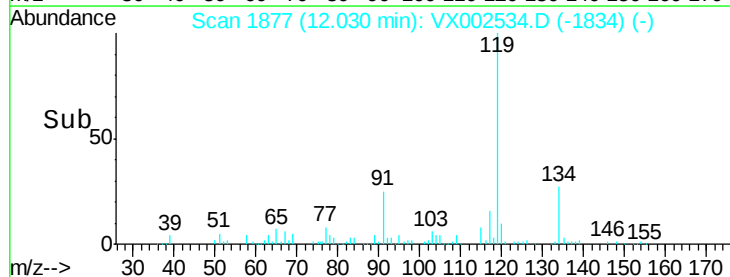
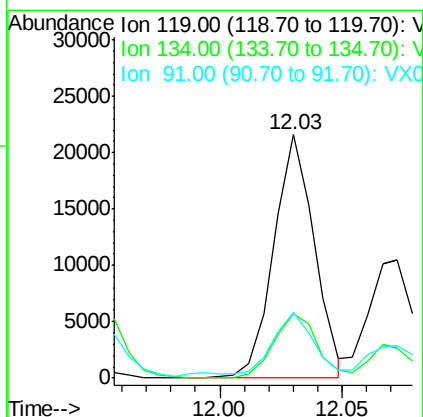
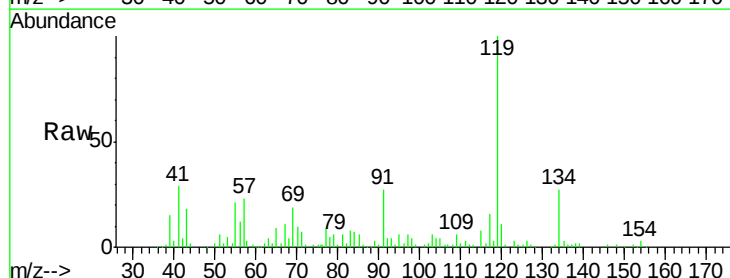
Instrument :
 MSVOA_X
 ClientSampleId :

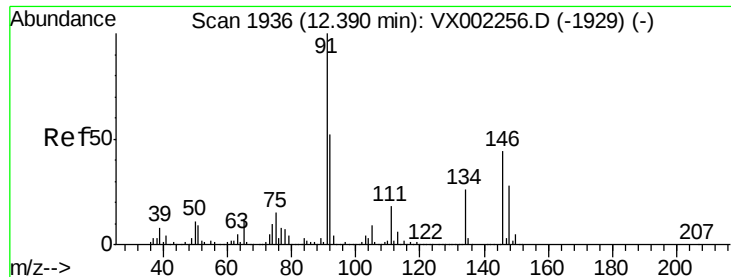
Tot Ion:105 Resp: 1698712
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.87 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.04 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

Tgt Ion:119 Resp: 24762
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.4 40.1
 91 27.9 11.9 35.7

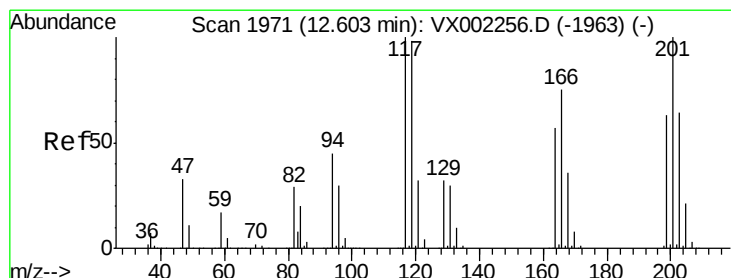
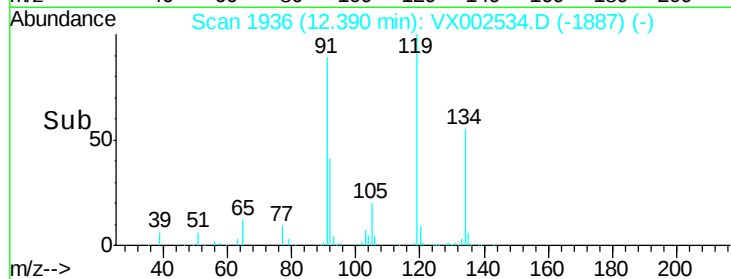
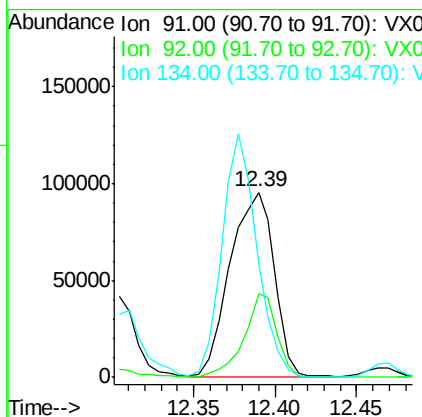
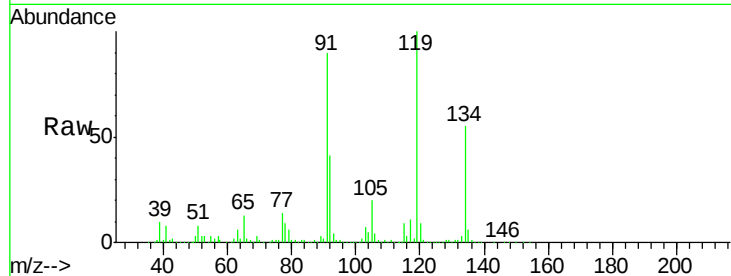




#89
n-Butylbenzene
Concen: 16.09 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

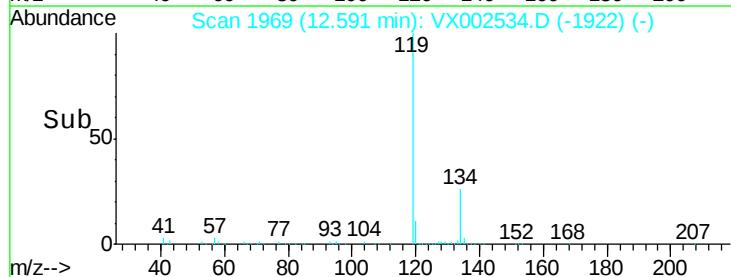
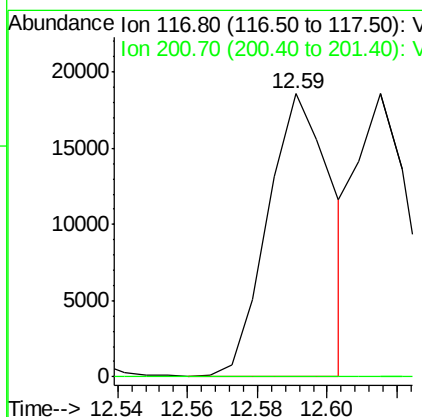
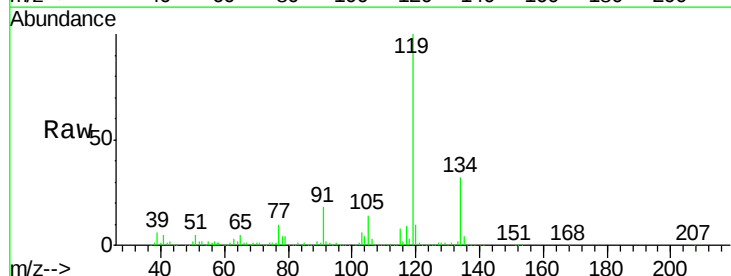
Instrument :
MSVOA_X
ClientSampleId :

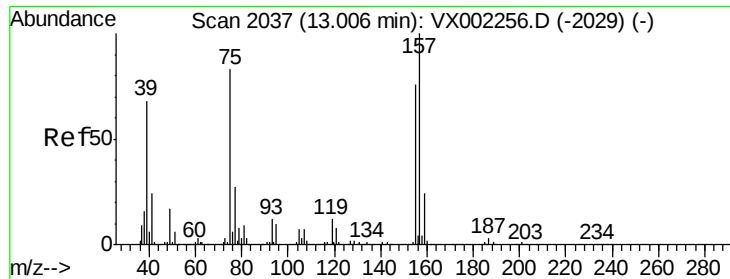
Tot Ion: 91 Resp: 178803
Ion Ratio Lower Upper
91 100
92 34.0 26.0 78.0
134 104.5 13.5 40.5#



#90
Hexachloroethane
Concen: 11.22 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tgt Ion: 117 Resp: 23726
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

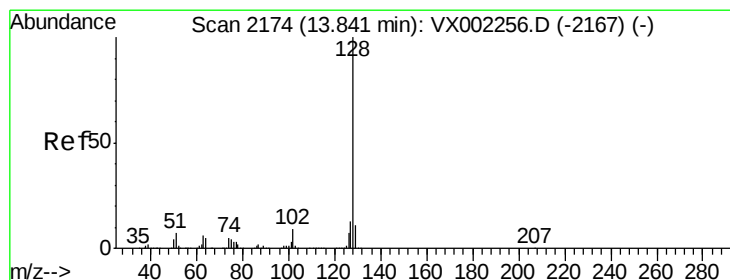
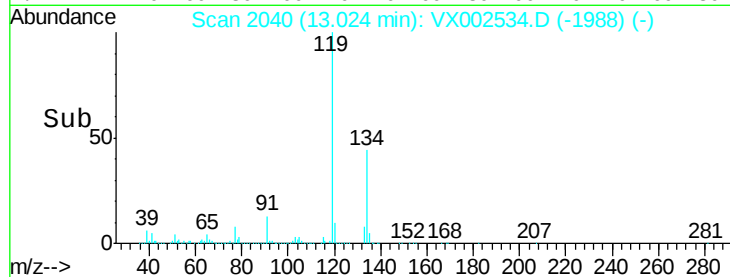
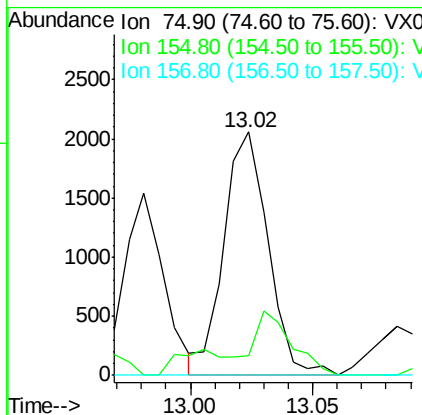
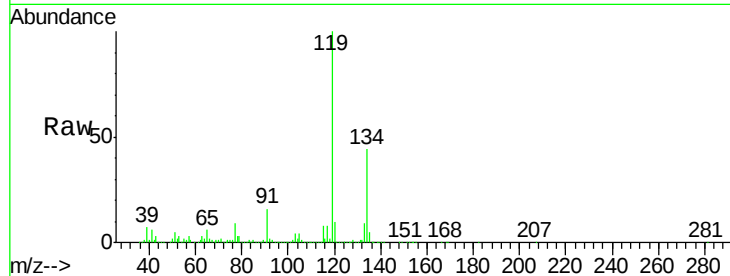




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.52 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 2576
 Ion Ratio Lower Upper
 75 100
 155 25.3 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 13.66 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

Tgt Ion: 128 Resp: 212410
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.4 15.6
 129 11.9 8.6 13.0

