

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007552.D
 Acq On : 14 Feb 2019 18:08
 Operator : JC/SP
 Sample : K1474-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 02:45:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	502310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	784042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	768270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	383845	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	268046	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
35) Dibromofluoromethane	5.51	113	251281	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	968114	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	377547	54.63	ug/l	0.00
Spiked Amount			Recovery	=	109.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	152	0.202	ug/l #	43
5) Bromomethane	1.66	94	365	Below Cal	#	10
6) Chloroethane	1.60	64	18869	5.255	ug/l #	54
11) Tert butyl alcohol	3.06	59	37115	33.638	ug/l #	73
13) Acrolein	2.31	56	307	0.593	ug/l #	14
14) Allyl chloride	2.84	41	60957	7.800	ug/l #	65
15) Acrylonitrile	3.18	53	9892	3.624	ug/l #	30
16) Acetone	2.45	43	9479	3.881	ug/l	89
17) Carbon Disulfide	2.59	76	2189	2.288	ug/l #	20
18) Methyl Acetate	2.85	43	144551	23.040	ug/l #	51
19) Methyl tert-butyl Ether	3.20	73	650187	41.845	ug/l	91
29) Tetrahydrofuran	5.15	42	522	0.239	ug/l #	31
30) Chloroform	5.27	83	6892	0.800	ug/l	94
31) Cyclohexane	5.59	56	62072	8.372	ug/l #	92
36) 1,1-Dichloropropene	5.66	75	32482	4.617	ug/l #	49
38) Carbon Tetrachloride	5.67	117	45477	6.663	ug/l #	16
39) Methylcyclohexane	7.46	83	96835	11.377	ug/l #	72
40) Benzene	6.15	78	333610	16.099	ug/l	98
41) Methacrylonitrile	5.06	41	777	0.204	ug/l #	41
42) 1,2-Dichloroethane	6.15	62	2943	0.410	ug/l #	74
43) Isopropyl Acetate	6.46	43	14374	1.310	ug/l #	52
46) Dibromomethane	7.63	93	1377	0.365	ug/l #	1
47) Bromodichloromethane	7.85	83	5868	0.918	ug/l #	84
48) Methyl methacrylate	7.73	41	12891	2.348	ug/l #	46
49) 1,4-Dioxane	7.77	88	244	8.820	ug/l #	25
51) 4-Methyl-2-Pentanone	8.68	43	20420	2.826	ug/l #	61
52) Toluene	8.79	92	9596	0.718	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	78599	14.103	ug/l #	18
56) Ethyl methacrylate	9.16	69	18724	2.426	ug/l #	1
59) 2-Hexanone	9.62	43	2942	0.523	ug/l	82
67) Ethyl Benzene	10.25	91	27914	1.034	ug/l	100
68) m/p-Xylenes	10.36	106	7827	0.729	ug/l	91
69) o-Xylene	10.70	106	13358	1.294	ug/l	96
73) Isopropylbenzene	11.02	105	1123481	43.071	ug/l	100

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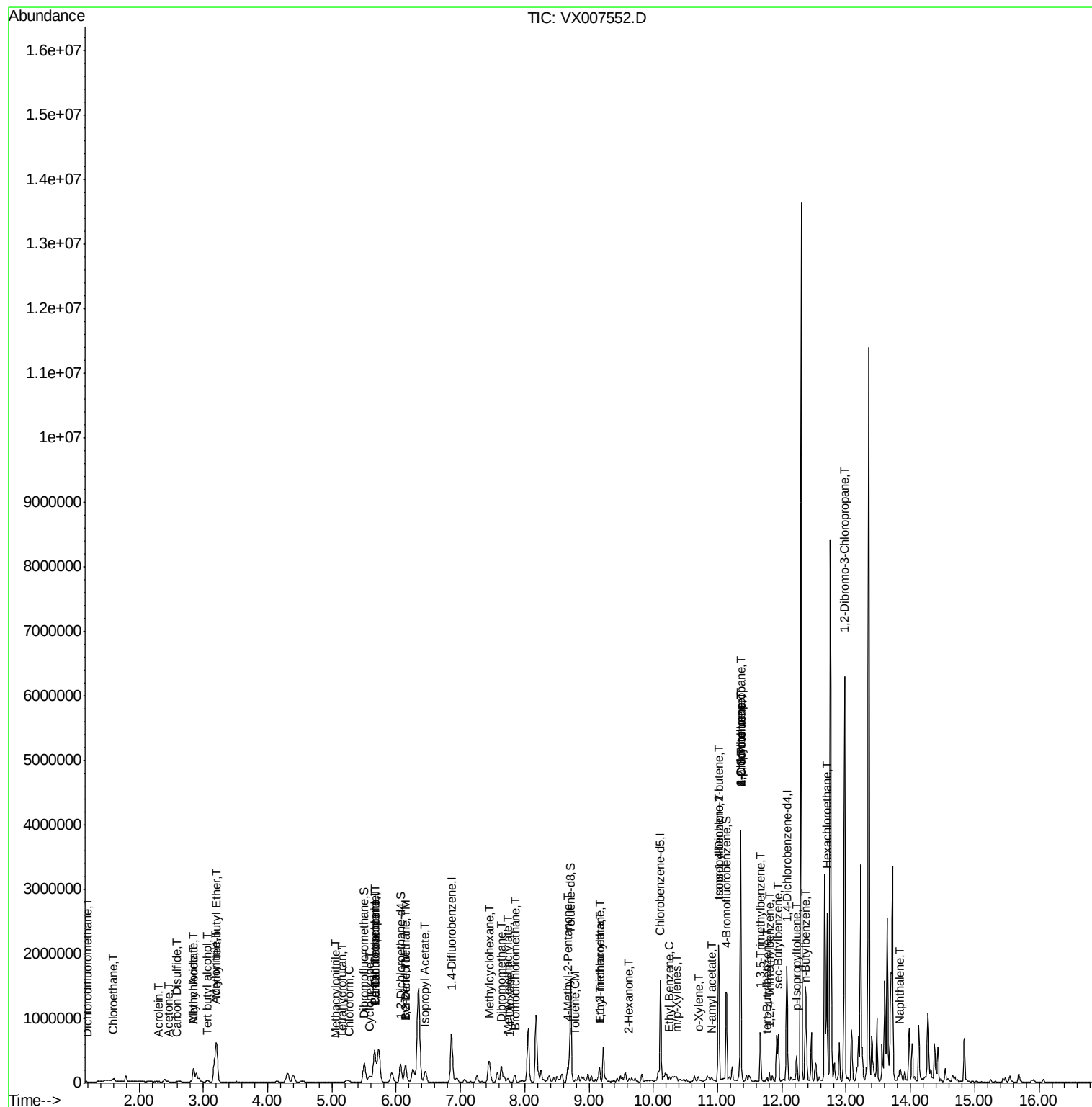
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
74) N-amy1 acetate	10.90	43	2265	0.224	uq/l #		1
76) 1,2,3-Trichloropropane	11.36	75	13856	1.856	uq/l #		1
78) n-propylbenzene	11.36	91	2341327	81.856	uq/l		99
79) 2-Chlorotoluene	11.36	91	2341327	134.902	uq/l #		38
80) 1,3,5-Trimethylbenzene	11.66	105	360260	16.882	uq/l		74
81) trans-1,4-Dichloro-2-buten	11.02	75	12104	8.816	uq/l #		71
82) 4-Chlorotoluene	11.36	91	2341327	116.586	uq/l #		42
83) tert-Butylbenzene	11.77	119	23560	1.115	uq/l		93
84) 1,2,4-Trimethylbenzene	11.80	105	59271	2.736	uq/l		97
85) sec-Butylbenzene	11.94	105	355737	13.911	uq/l		96
86) p-Isopropyltoluene	12.23	119	170000	7.365	uq/l		96
89) n-Butylbenzene	12.38	91	319516	16.091	uq/l #		67
90) Hexachloroethane	12.70	117	1025966	296.974	uq/l #		5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	20018	12.111	uq/l #		1
95) Naphthalene	13.83	128	116672	4.507	uq/l #		90

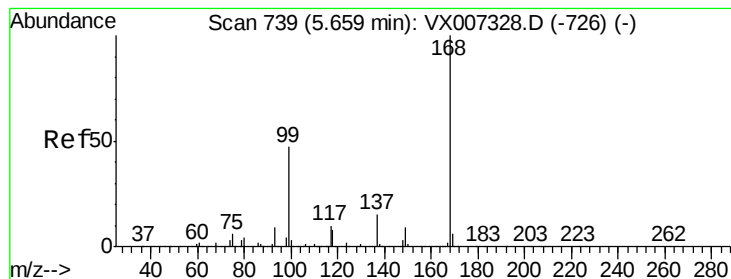
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

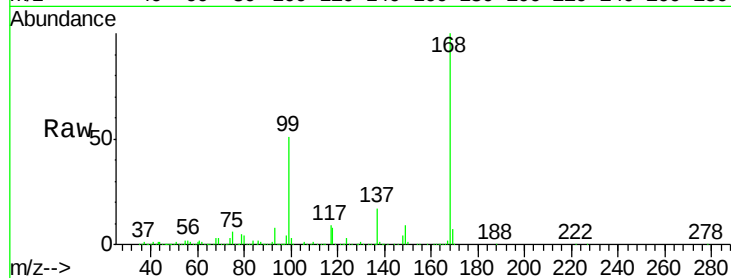
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 502310

Ion Ratio Lower Upper

168 100

99 50.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

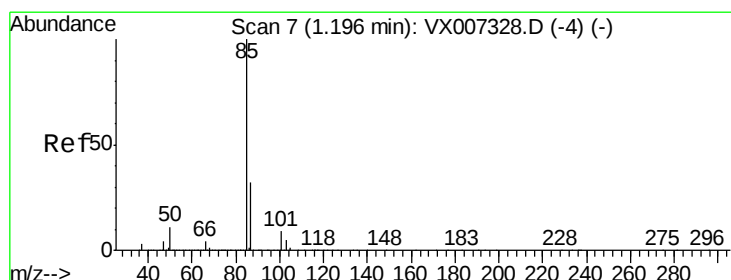
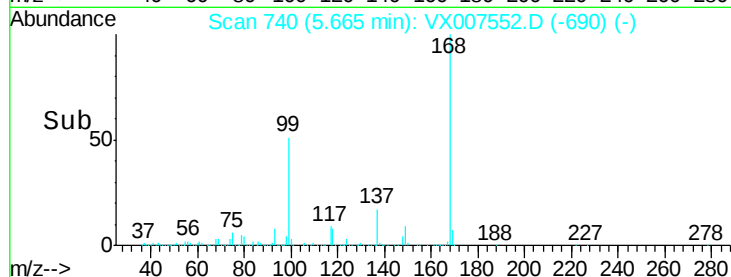
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.202 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007552.D

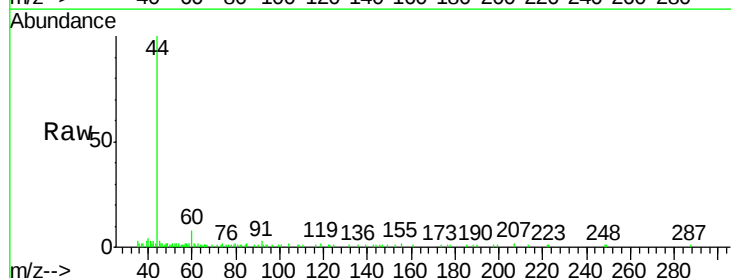
Acq: 14 Feb 2019 18:08

Tgt Ion: 85 Resp: 152

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300

250

200

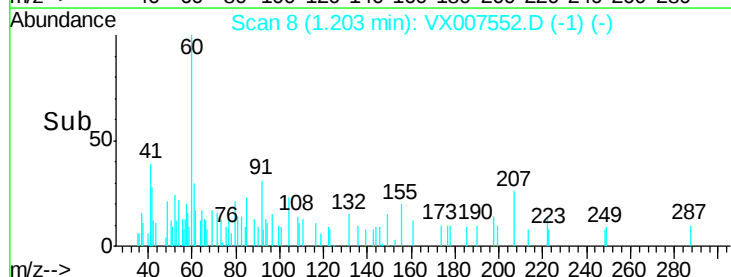
150

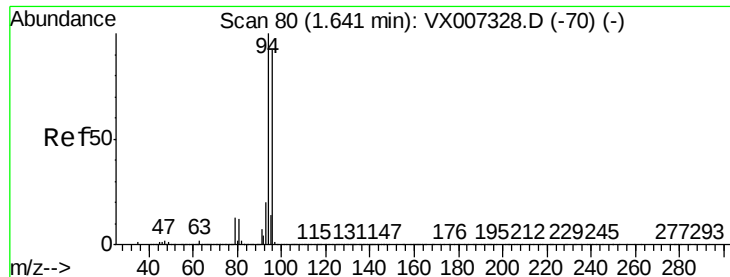
100

50

0

Time--> 1.18 1.19 1.20 1.21 1.22





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

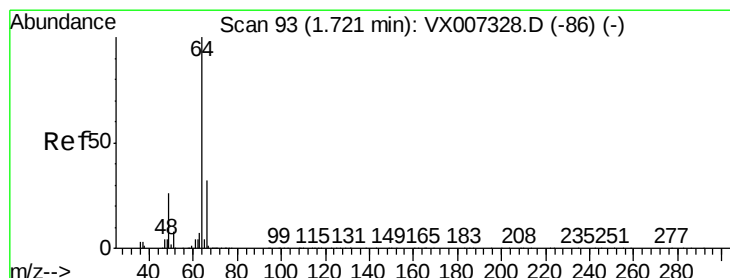
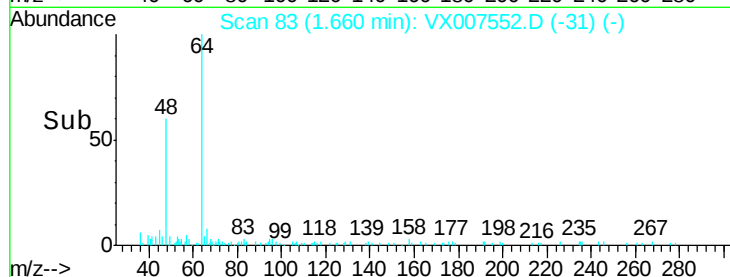
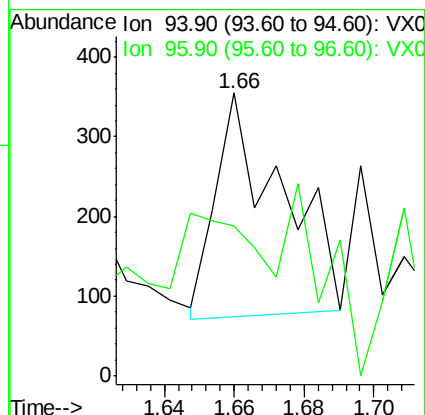
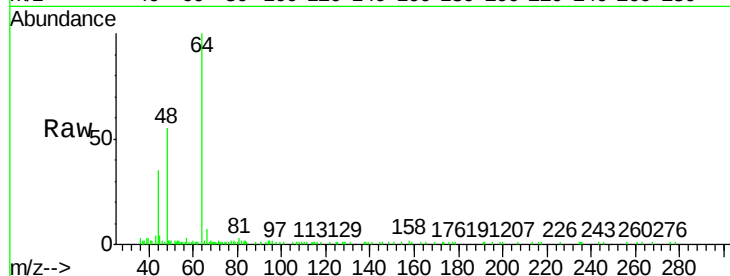
ClientSampled :

Tot Ion: 94 Resp: 365

Ion Ratio Lower Upper

94 100

96 6.3 73.9 110.9#



#6

Chloroethane

Concen: 5.255 ug/l

RT: 1.60 min Scan# 73

Delta R.T. -0.12 min

Lab File: VX007552.D

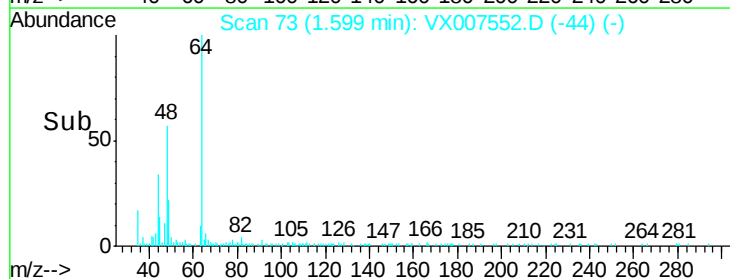
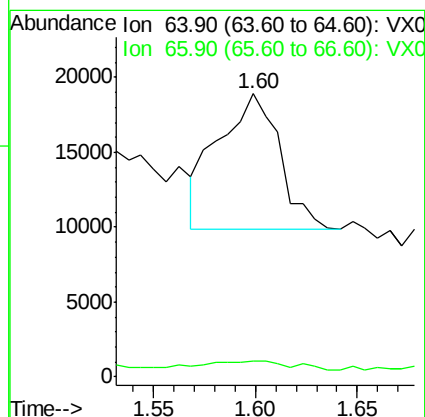
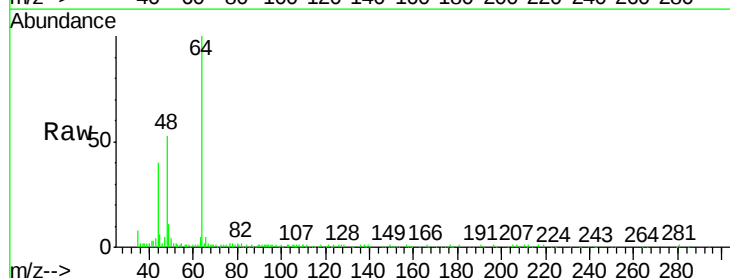
Acq: 14 Feb 2019 18:08

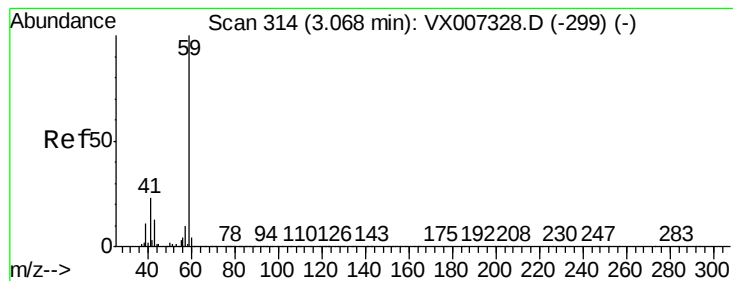
Tgt Ion: 64 Resp: 18869

Ion Ratio Lower Upper

64 100

66 6.4 25.5 38.3#



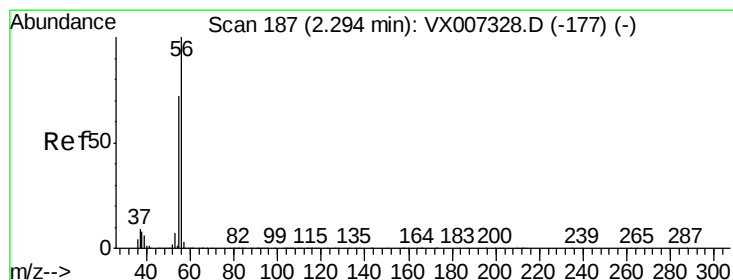
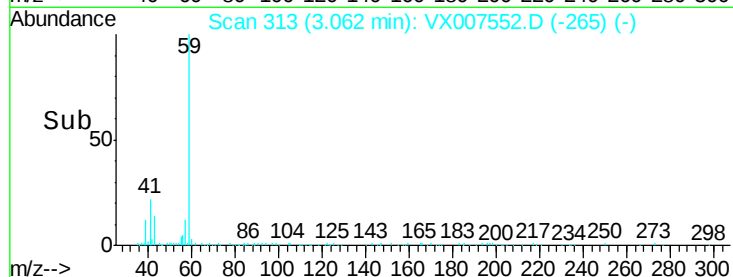
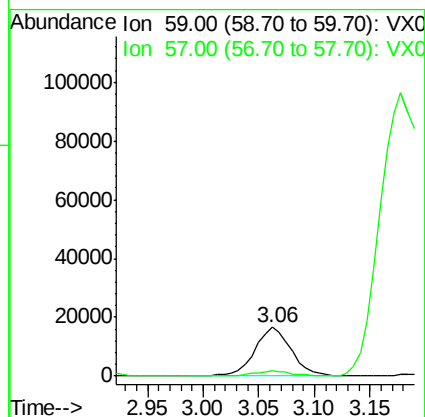
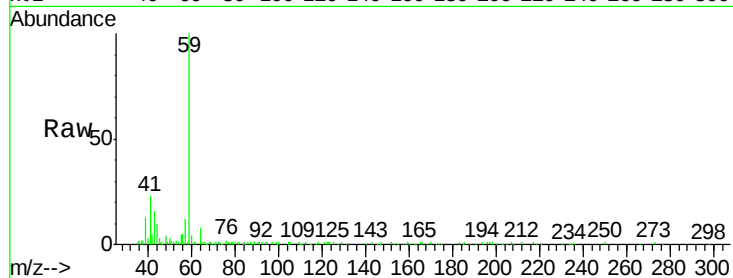


#11

Tert butyl alcohol
Concen: 33.638 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

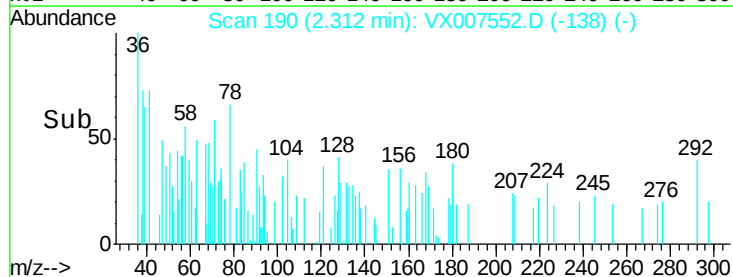
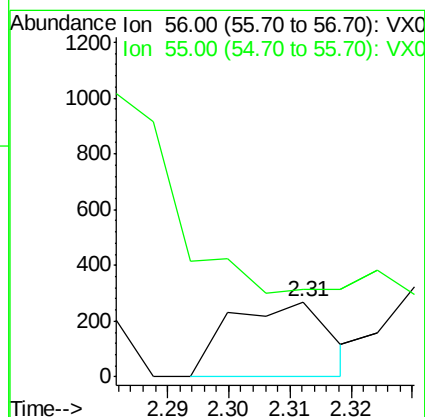
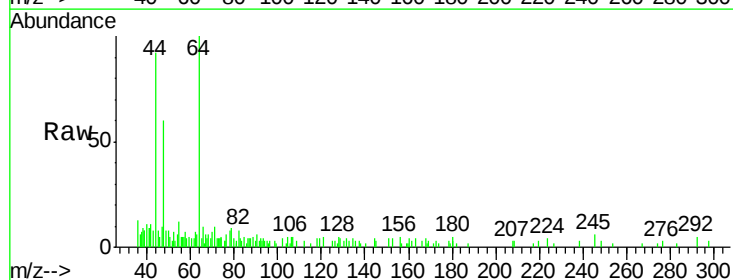
Tot Ion: 59 Resp: 37115
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

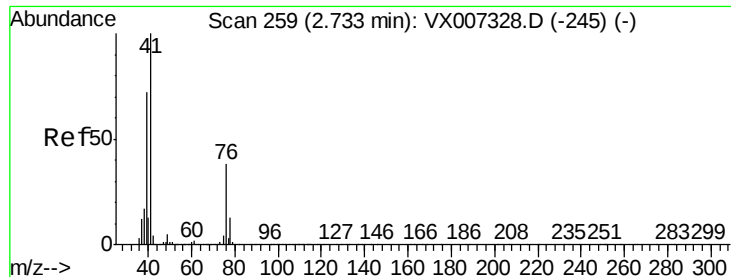


#13

Acrolein
Concen: 0.593 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 56 Resp: 307
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#14

Allvl chloride

Concen: 7.800 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.11 min

Lab File: VX007552.D

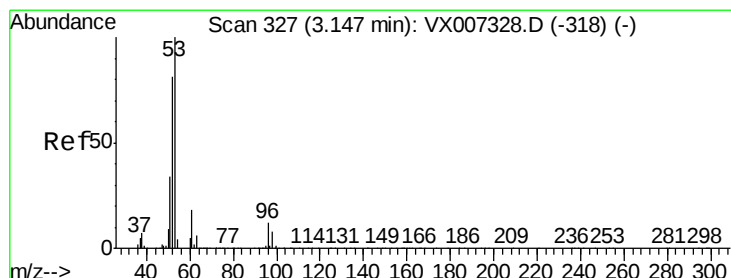
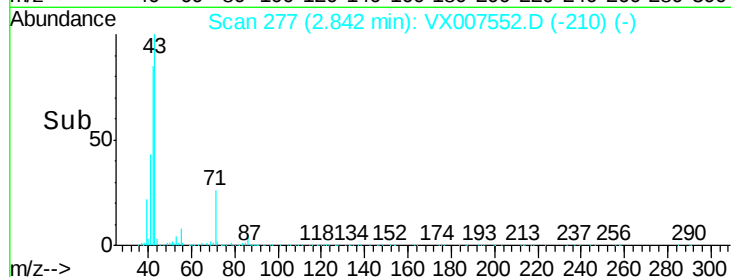
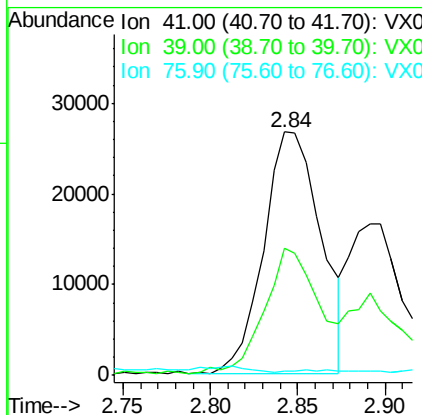
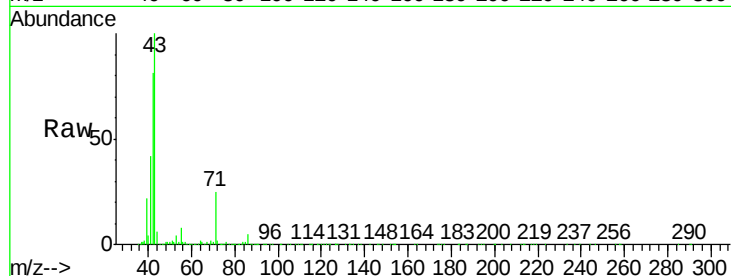
Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	41	Resp:	60957
Ion	Ratio	Lower	Upper
41	100		
39	49.6	54.1	81.1#
76	0.2	27.8	41.8#



#15

Acrylonitrile

Concen: 3.624 ug/l

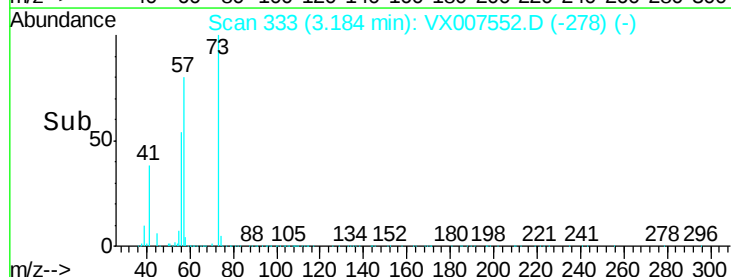
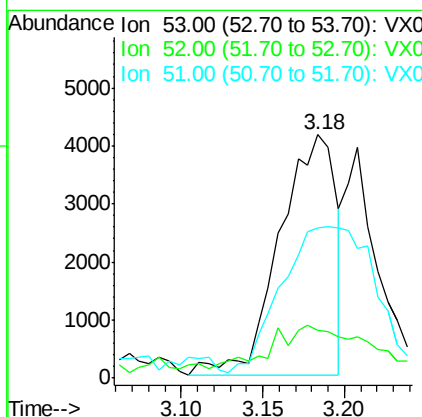
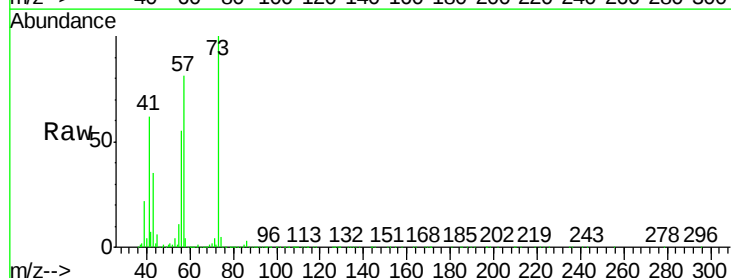
RT: 3.18 min Scan# 333

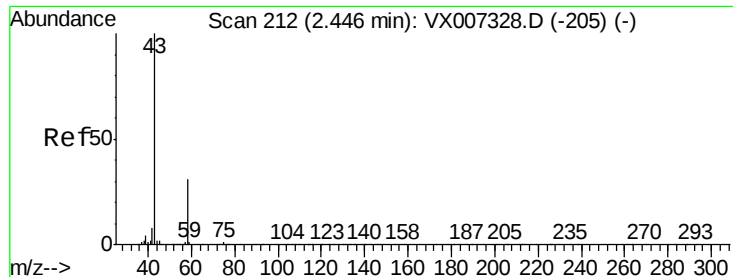
Delta R.T. 0.04 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Tgt Ion:	53	Resp:	9892
Ion	Ratio	Lower	Upper
53	100		
52	36.1	66.4	99.6#
51	101.8	28.4	42.6#





#16

Acetone

Concen: 3.881 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

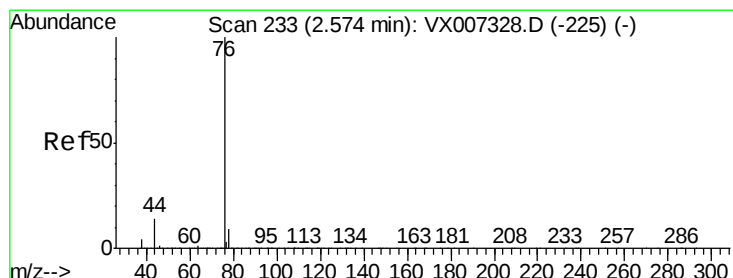
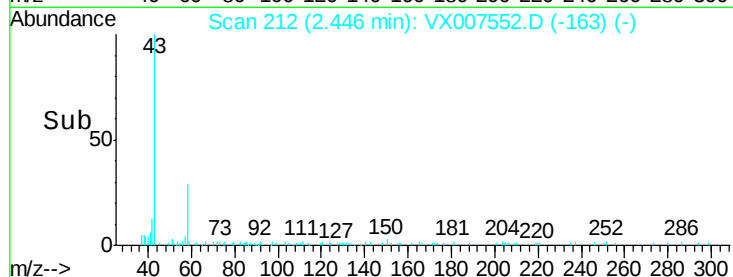
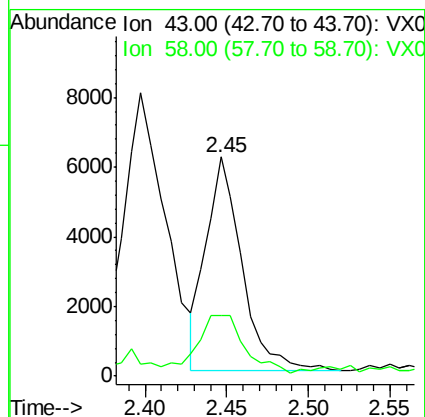
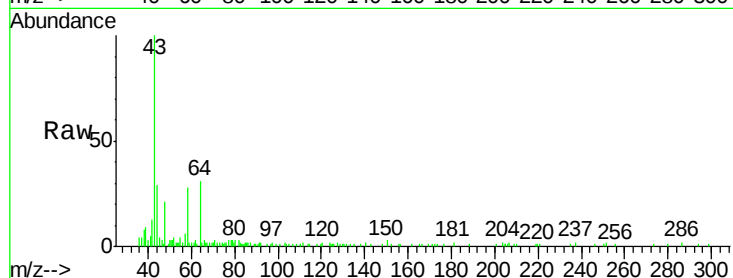
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 9479

Ion Ratio Lower Upper

43 100

58 24.9 24.9 37.3



#17

Carbon Disulfide

Concen: 2.288 ug/l

RT: 2.59 min Scan# 235

Delta R.T. 0.01 min

Lab File: VX007552.D

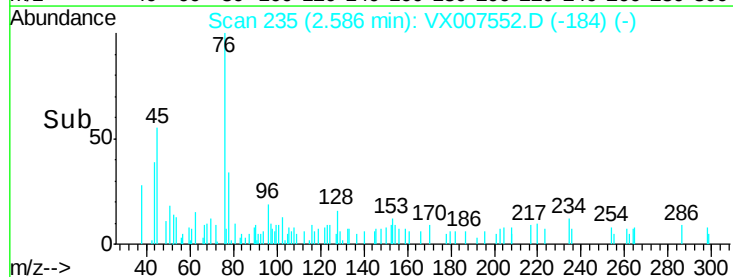
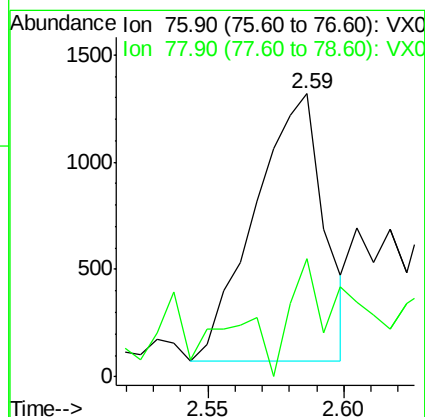
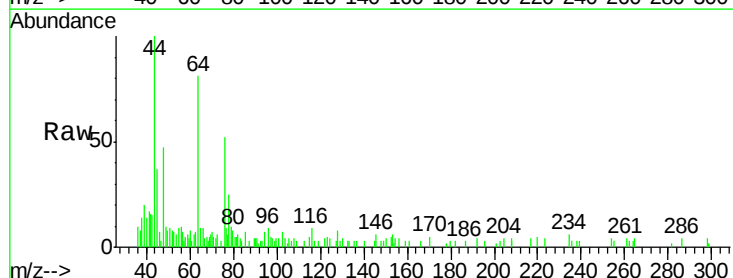
Acq: 14 Feb 2019 18:08

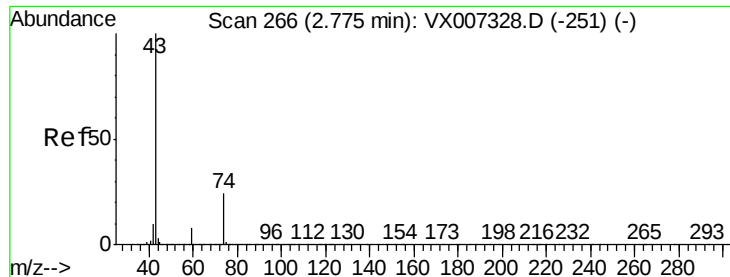
Tgt Ion: 76 Resp: 2189

Ion Ratio Lower Upper

76 100

78 37.6 7.1 10.7#

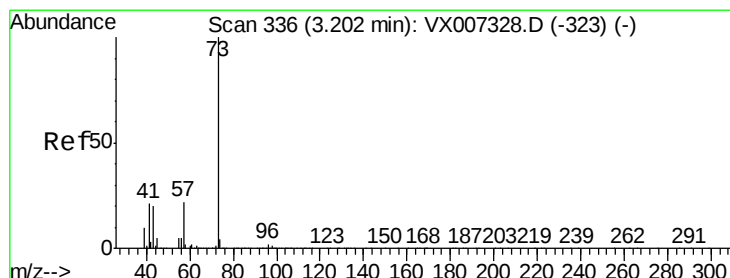
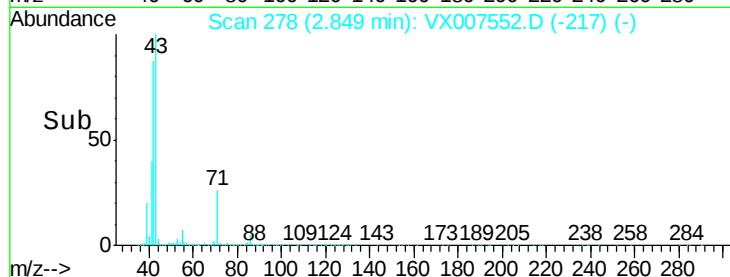
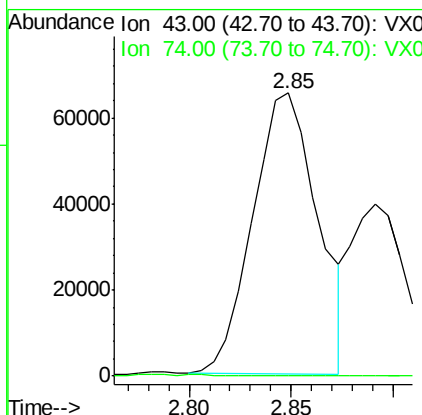
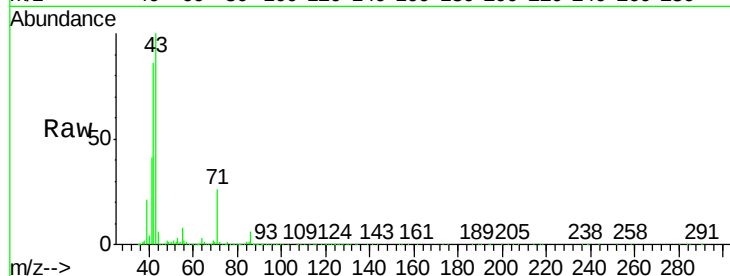




#18
Methyl Acetate
Concen: 23.040 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

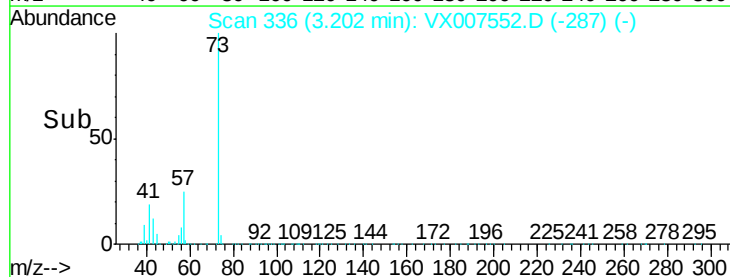
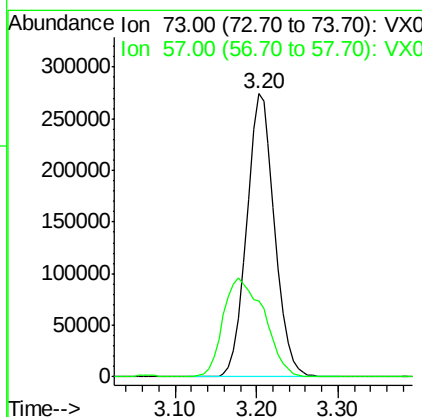
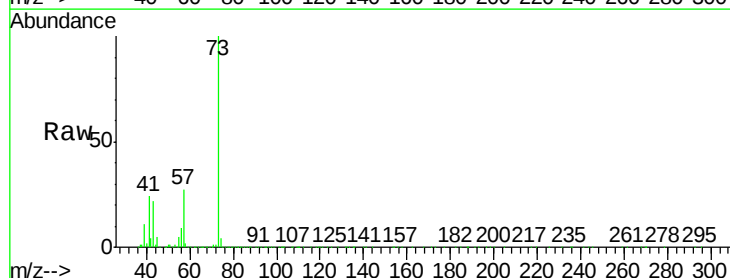
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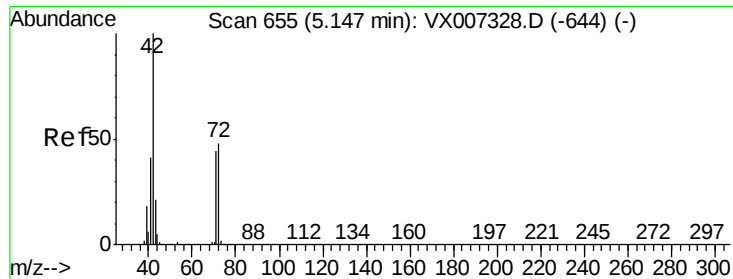
Tot Ion: 43 Resp: 144551
Ion Ratio Lower Upper
43 100
74 0.2 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 41.845 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 73 Resp: 650187
Ion Ratio Lower Upper
73 100
57 26.7 17.8 26.8

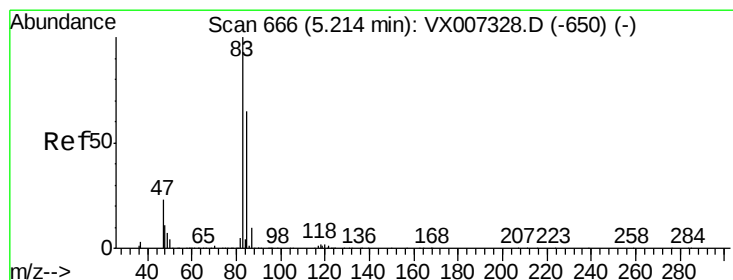
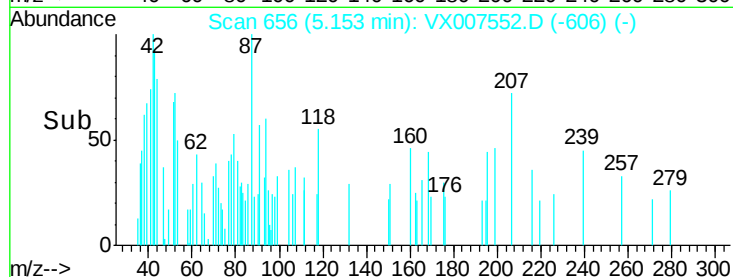
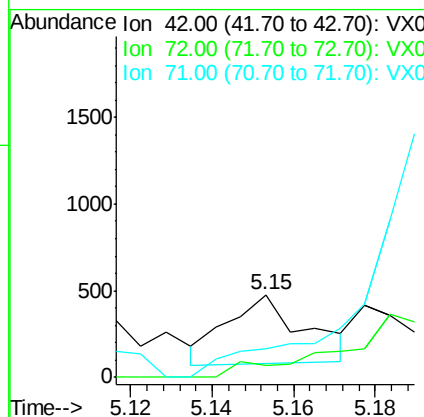
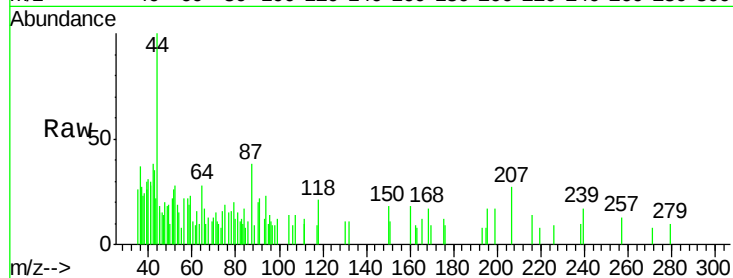




#29
Tetrahydrofuran
Concen: 0.239 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

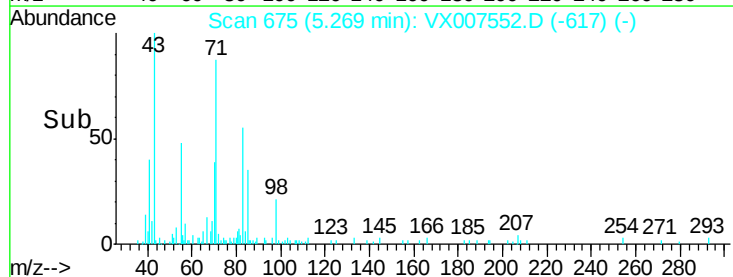
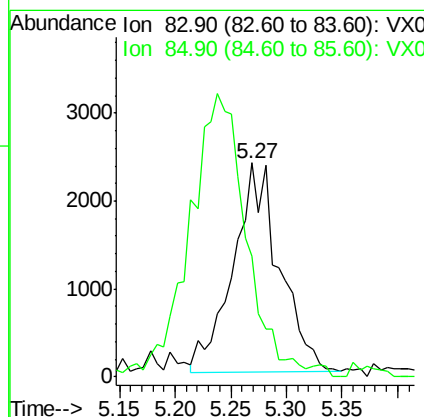
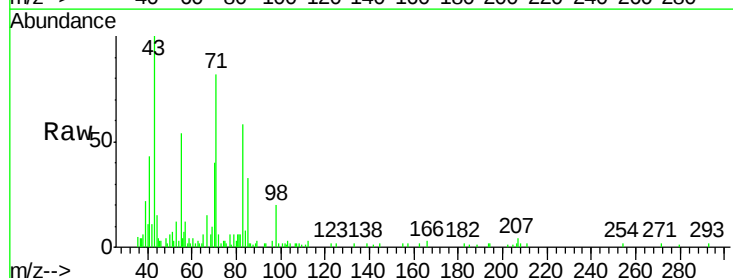
Instrument :
MSVOA_X
ClientSampled :

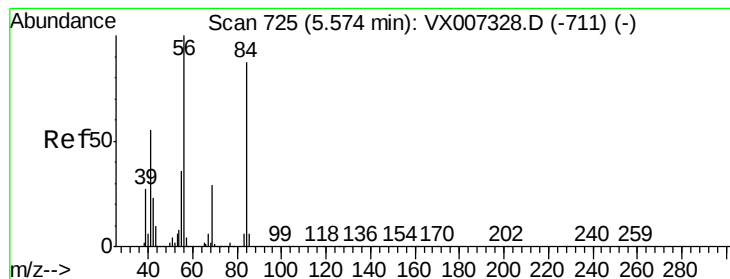
Tot Ion: 42 Resp: 522
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 0.0 34.6 51.8#



#30
Chloroform
Concen: 0.800 ug/l
RT: 5.27 min Scan# 675
Delta R.T. 0.05 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 83 Resp: 6892
Ion Ratio Lower Upper
83 100
85 60.1 51.6 77.4





#31

Cyclohexane

Concen: 8.372 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

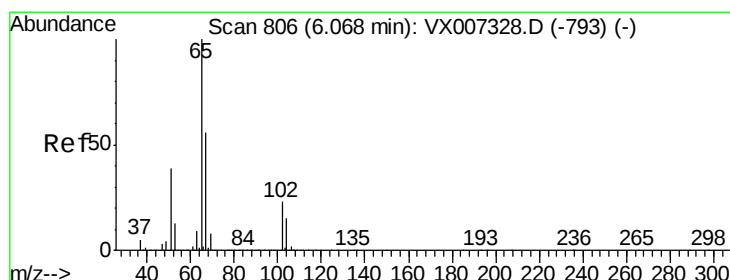
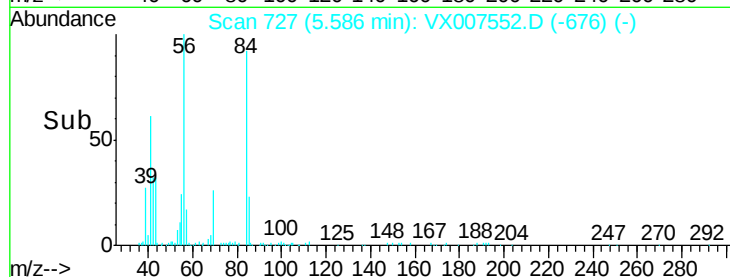
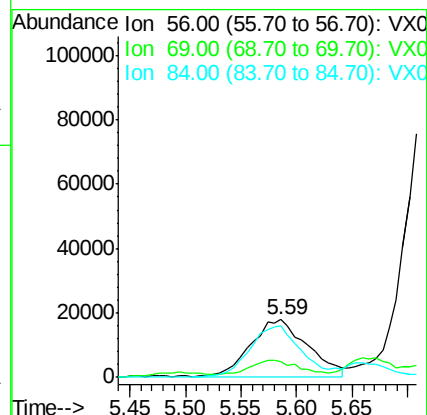
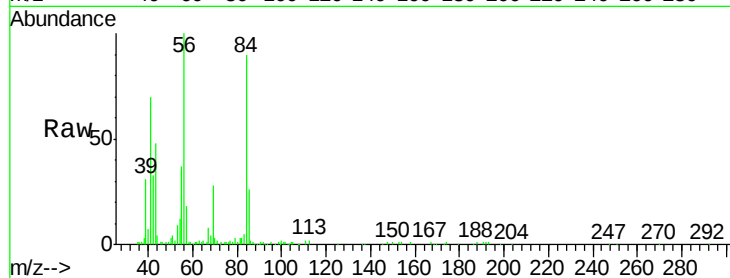
Tot Ion: 56 Resp: 62072

Ion Ratio Lower Upper

56 100

69 20.3 23.0 34.6#

84 91.6 69.8 104.6



#33

1,2-Dichloroethane-d4

Concen: 50.275 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007552.D

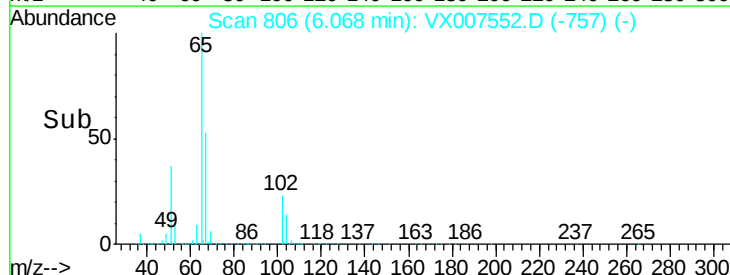
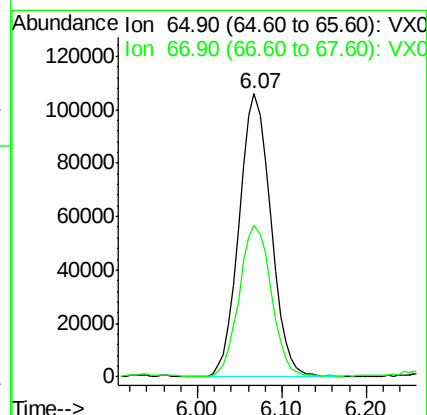
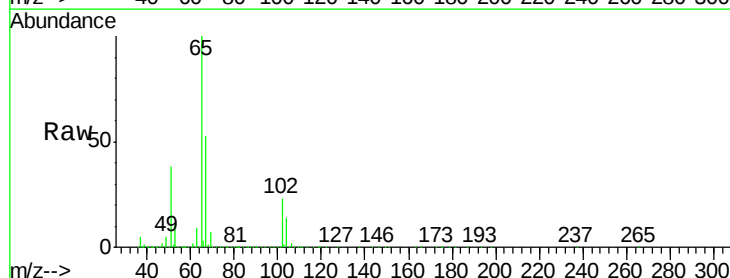
Acq: 14 Feb 2019 18:08

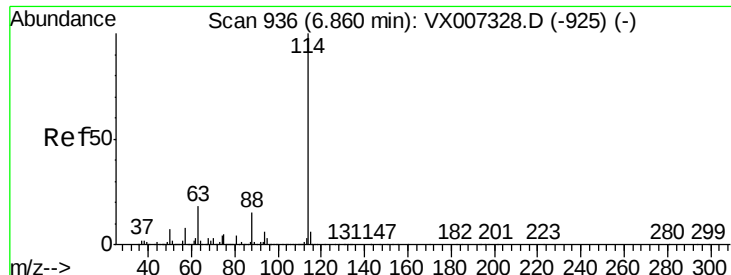
Tgt Ion: 65 Resp: 268046

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

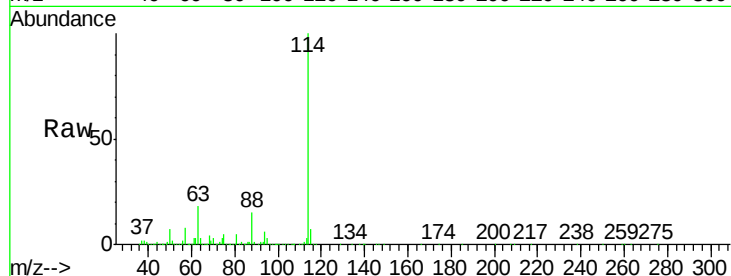
Tot Ion:114 Resp: 784042

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

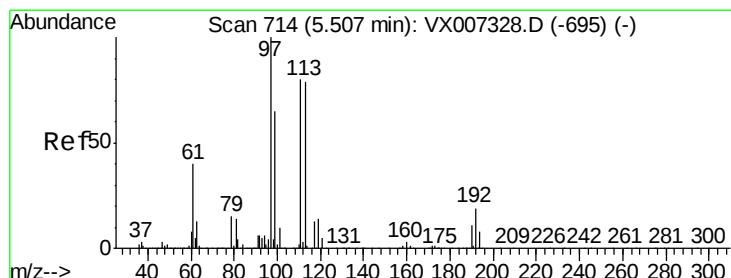
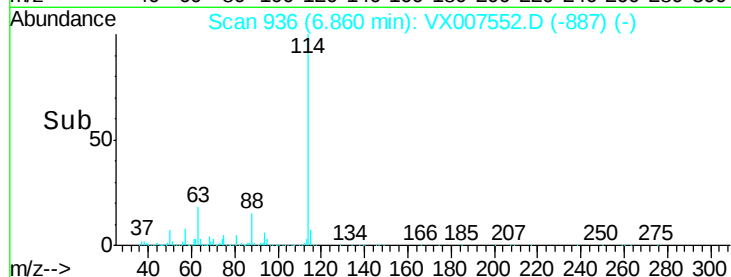
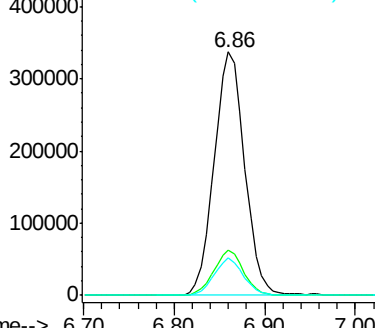
88 15.2 0.0 29.6



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: 49.256 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

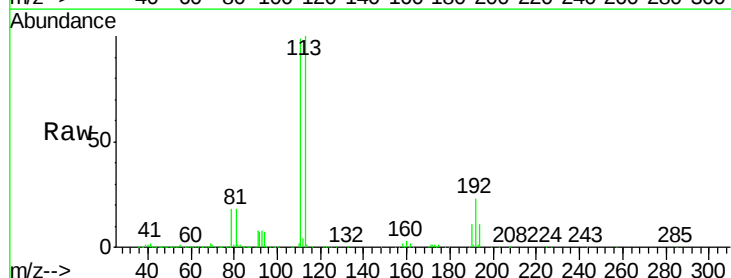
Tgt Ion:113 Resp: 251281

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

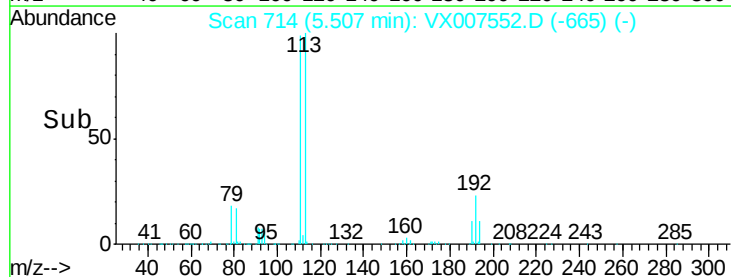
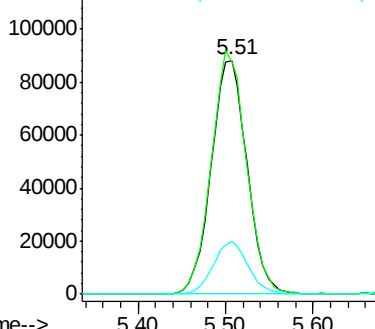
192 22.2 18.5 27.7

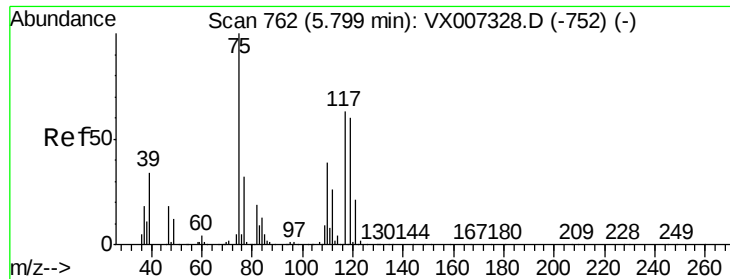


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.617 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

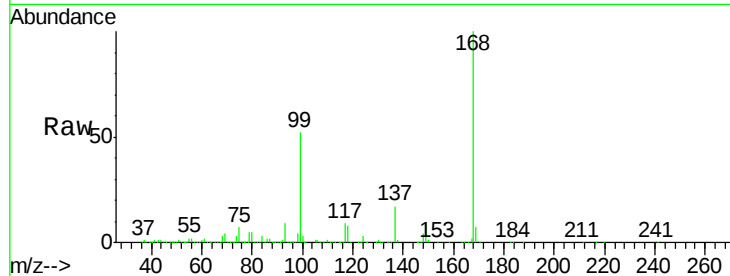
Tot Ion: 75 Resp: 32482

Ion Ratio Lower Upper

75 100

110 10.2 20.0 59.9#

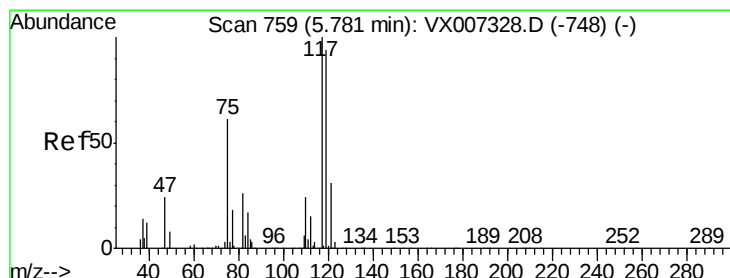
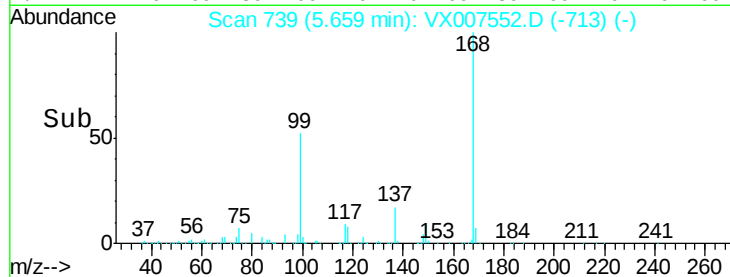
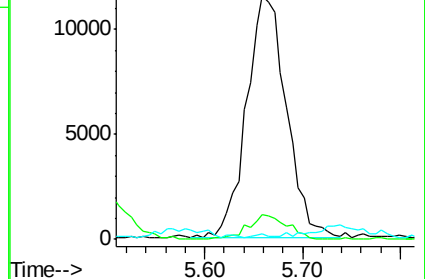
77 0.5 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.663 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

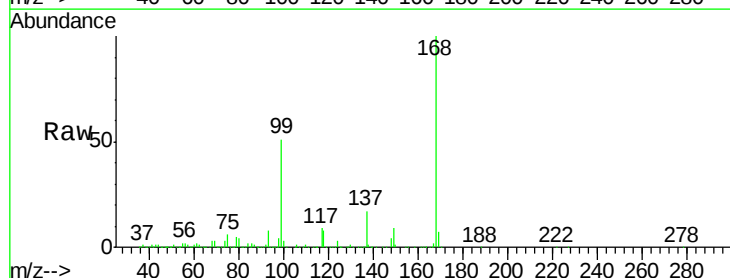
Tgt Ion: 117 Resp: 45477

Ion Ratio Lower Upper

117 100

119 3.4 75.3 112.9#

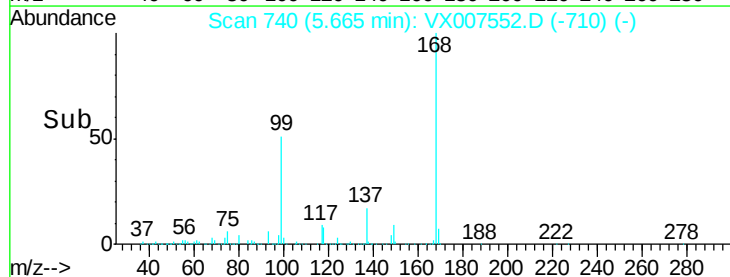
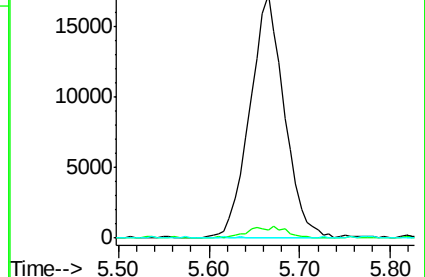
121 0.4 25.0 37.4#

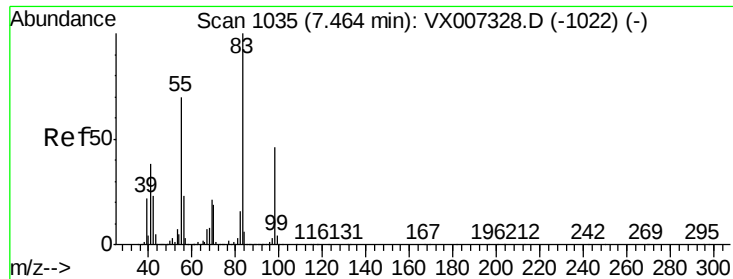


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

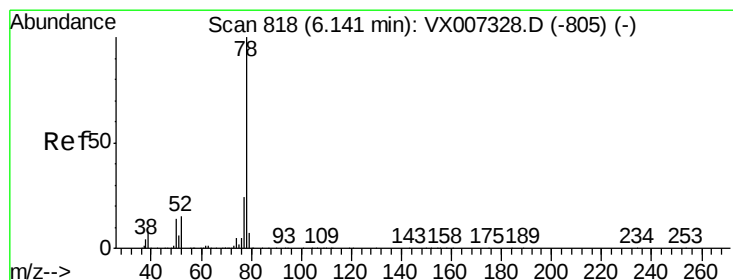
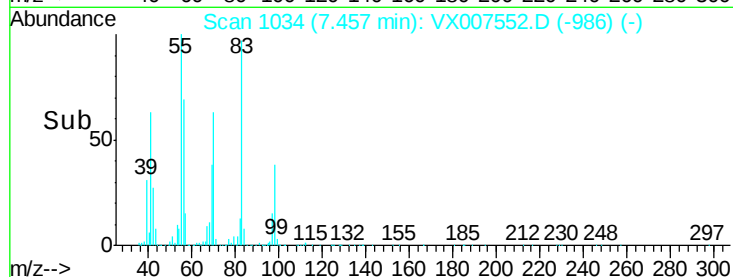
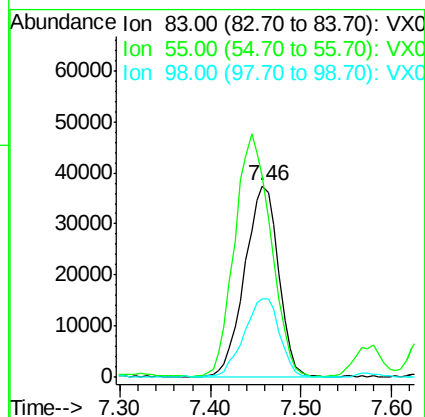
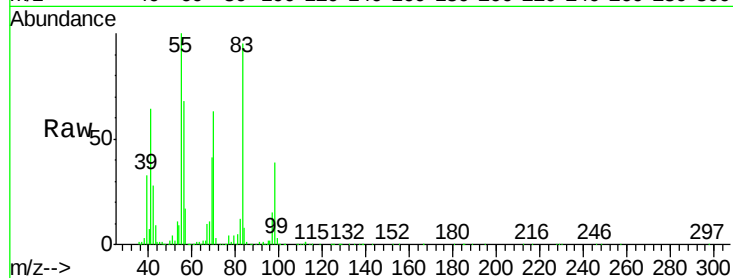




#39
Methvlcvclohexane
Concen: 11.377 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

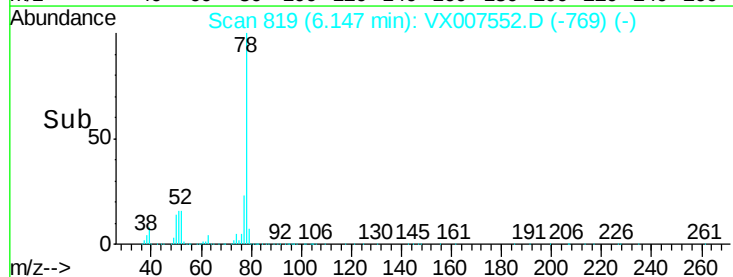
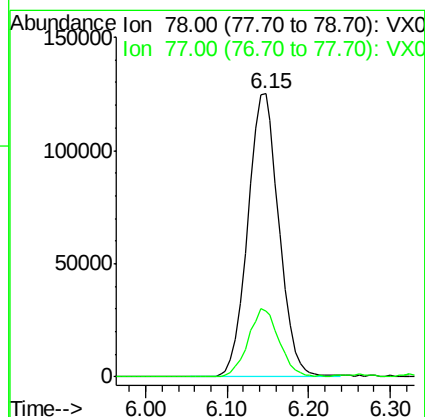
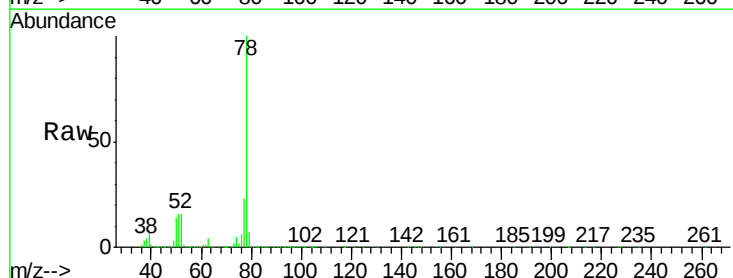
Instrument :
MSVOA_X
ClientSampleId :

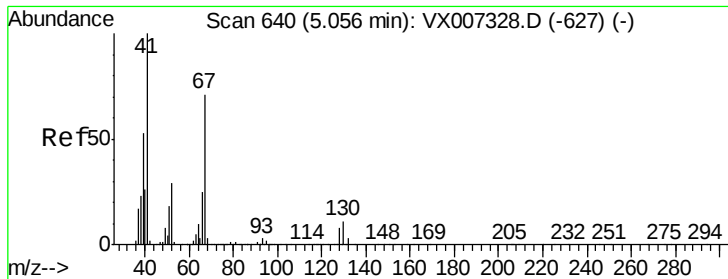
Tot Ion: 83 Resp: 96835
Ion Ratio Lower Upper
83 100
55 104.6 56.2 84.2#
98 40.7 36.8 55.2



#40
Benzene
Concen: 16.099 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 78 Resp: 333610
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

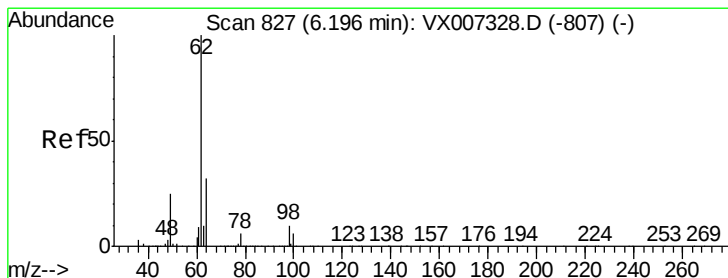
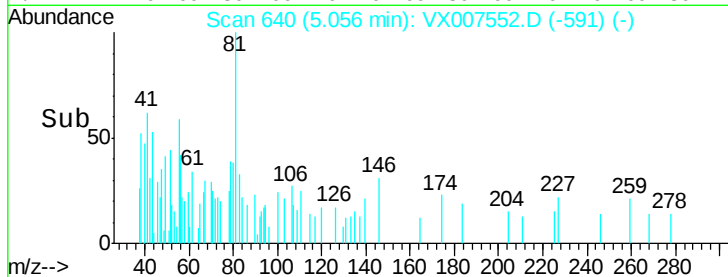
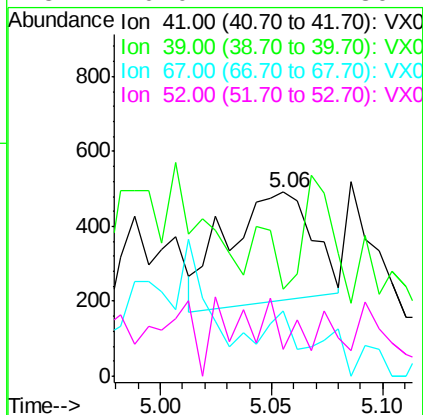
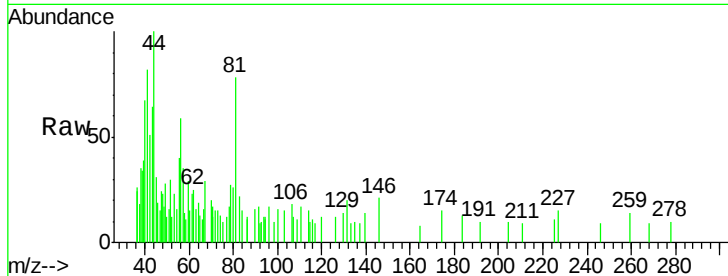




#41
Methacrylonitrile
Concen: 0.204 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

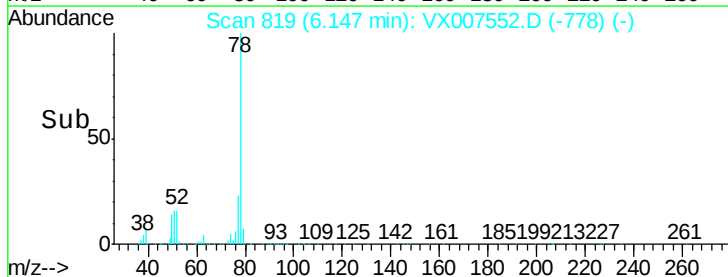
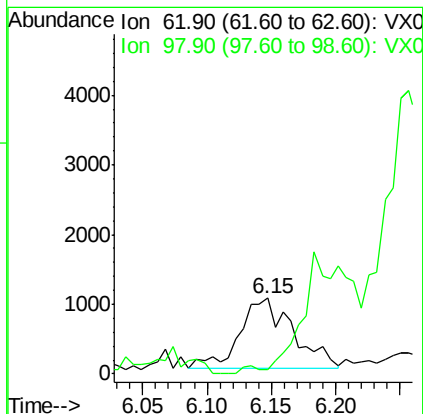
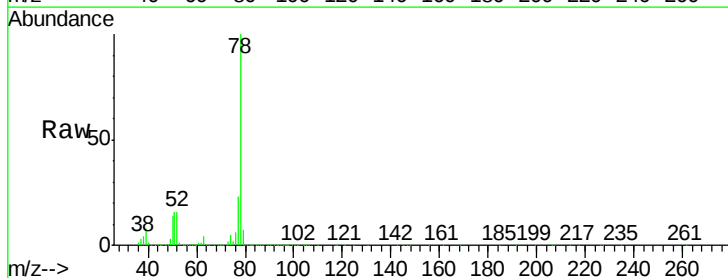
Instrument :
MSVOA_X
ClientSampled :

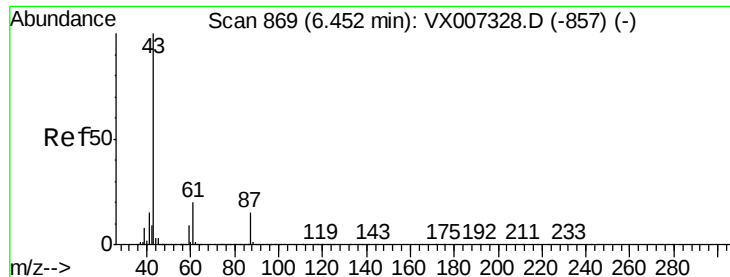
Tot Ion:	41	Resp:	777
Ion	Ratio	Lower	Upper
41	100		
39	39.8	44.5	66.7#
67	0.0	60.4	90.6#
52	0.0	24.1	36.1#



#42
1,2-Dichloroethane
Concen: 0.410 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.05 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion:	62	Resp:	2943
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 1.310 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

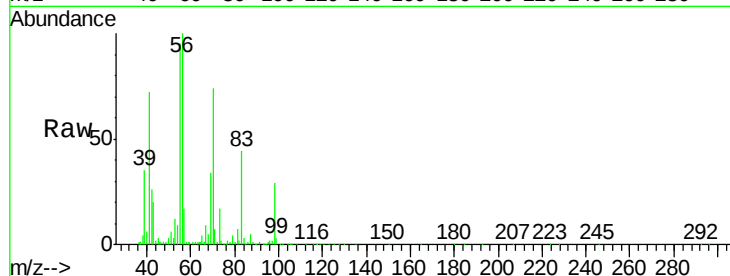
Tot Ion: 43 Resp: 14374

Ion Ratio Lower Upper

43 100

61 1.0 16.1 24.1#

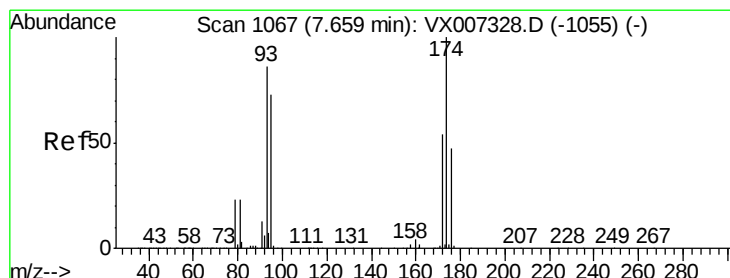
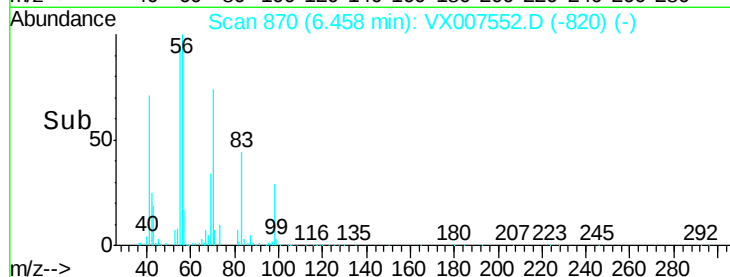
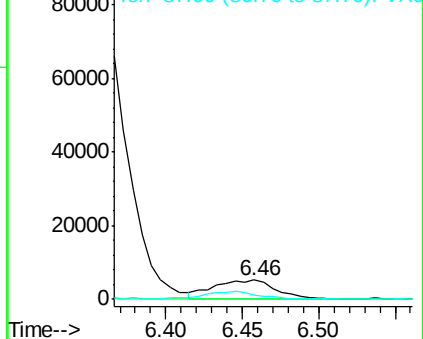
87 38.2 11.5 17.3#



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



#46

Dibromomethane

Concen: 0.365 ug/l

RT: 7.63 min Scan# 1062

Delta R.T. -0.03 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

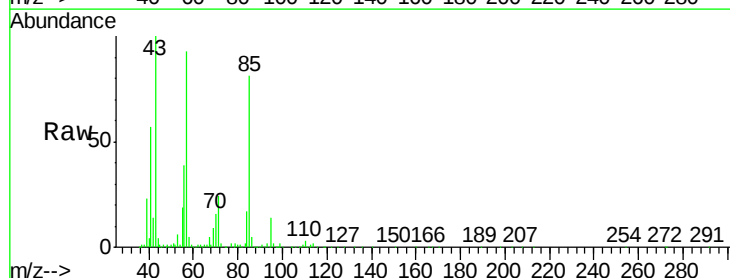
Tgt Ion: 93 Resp: 1377

Ion Ratio Lower Upper

93 100

95 1258.8 67.6 101.4#

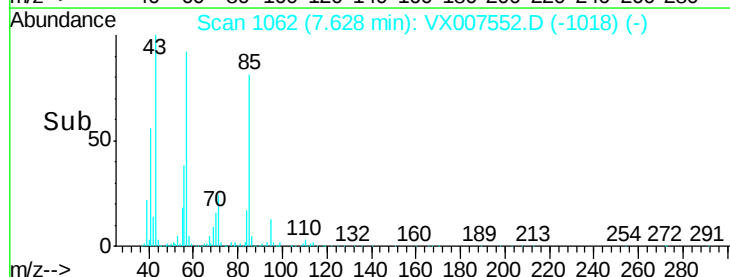
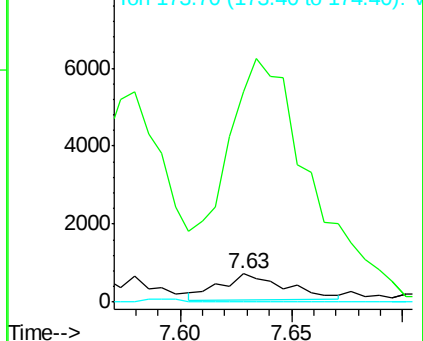
174 0.0 94.2 141.4#

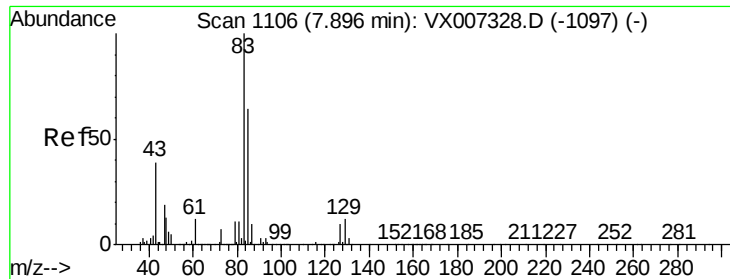


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.918 ug/l

RT: 7.85 min Scan# 1098

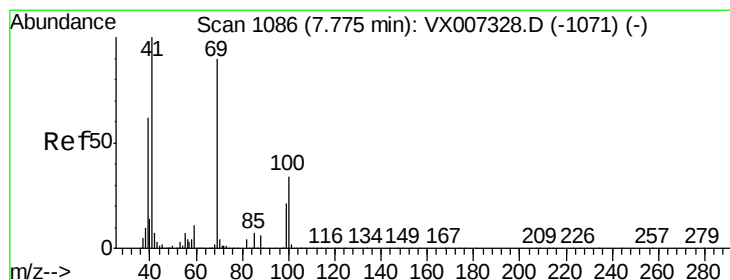
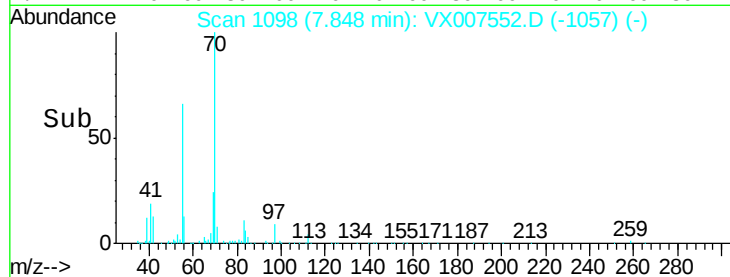
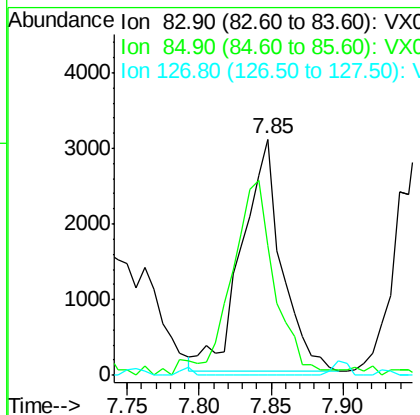
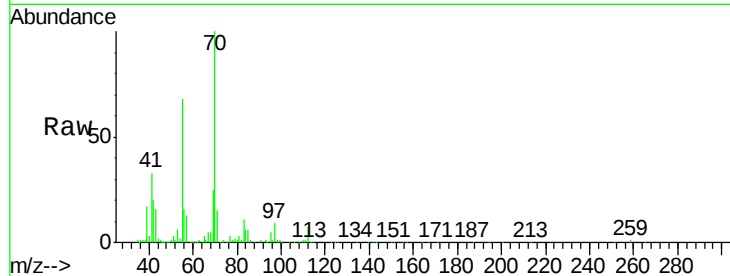
Delta R.T. -0.05 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	5868
Ion	Ratio	Lower	Upper
83	100		
85	53.2	51.4	77.0
127	0.0	8.1	12.1#



#48

Methyl methacrylate

Concen: 2.348 ug/l

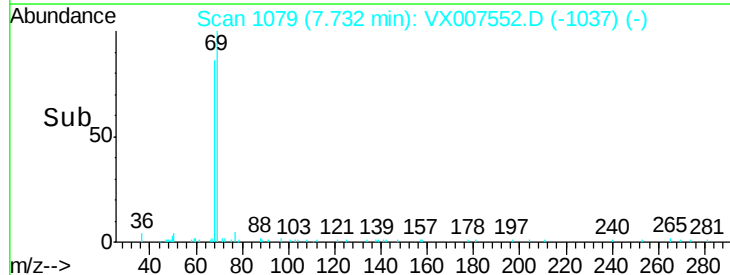
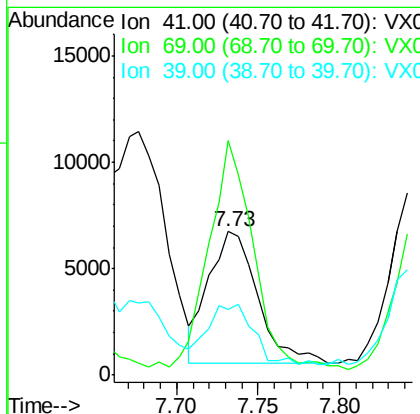
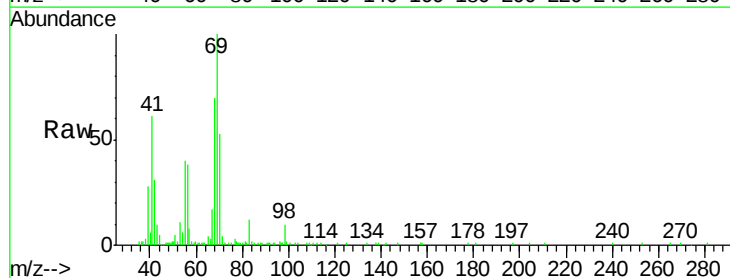
RT: 7.73 min Scan# 1079

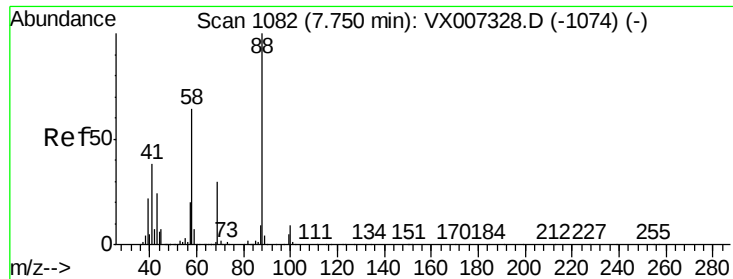
Delta R.T. -0.04 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Tgt Ion:	41	Resp:	12891
Ion	Ratio	Lower	Upper
41	100		
69	158.7	70.2	105.4#
39	42.7	47.4	71.0#

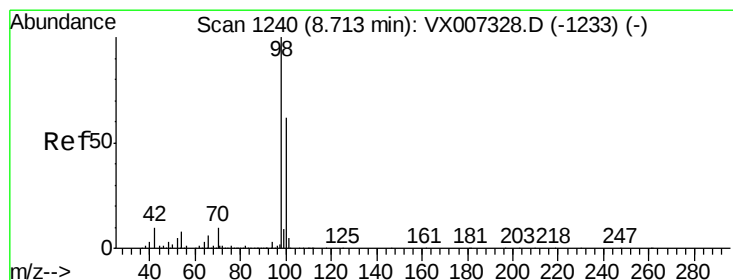
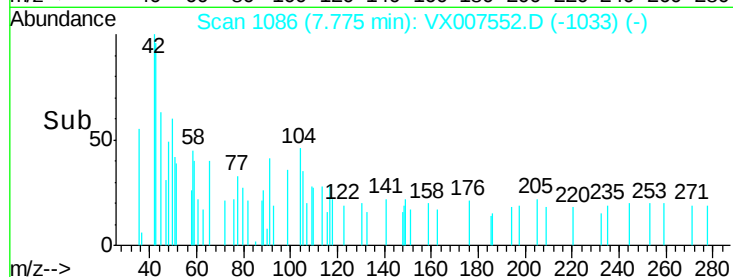
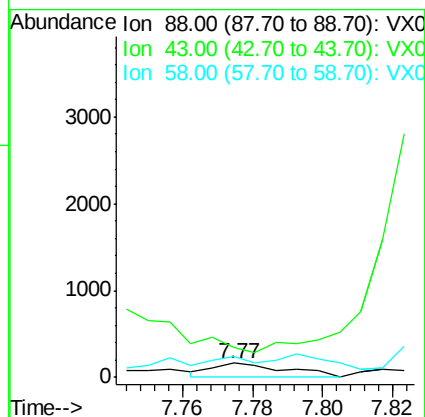
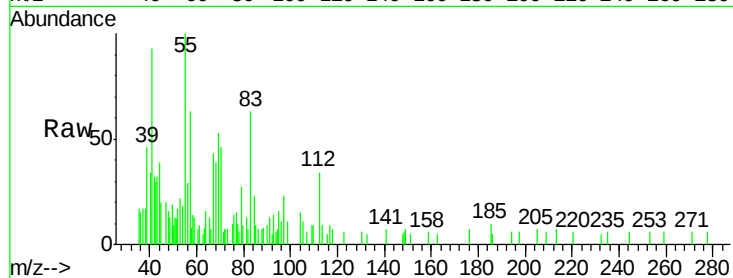




#49
1,4-Dioxane
Concen: 8.820 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.02 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

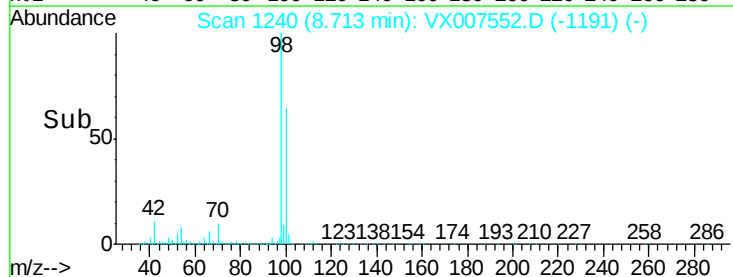
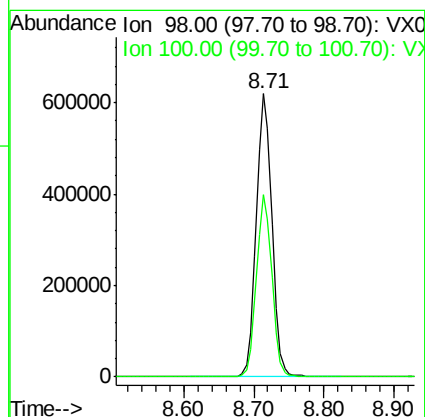
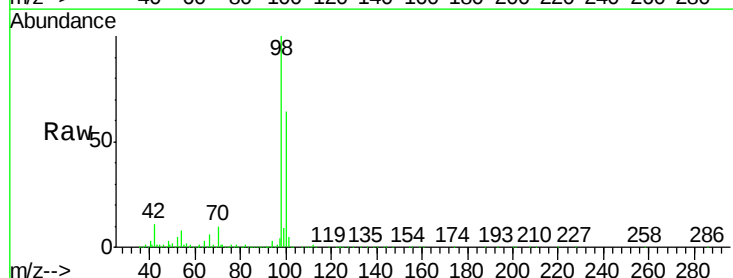
Instrument :
MSVOA_X
ClientSampleId :

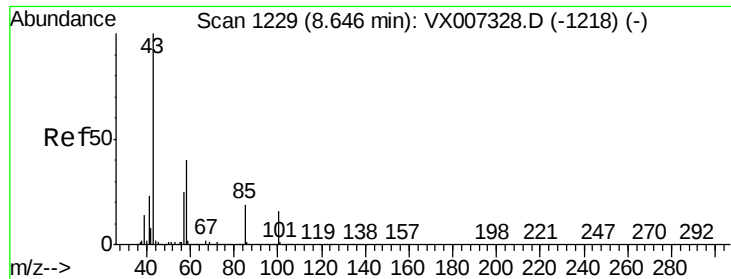
Tot Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 0.0 53.0 79.4#



#50
Toluene-d8
Concen: 51.149 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 98 Resp: 968114
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

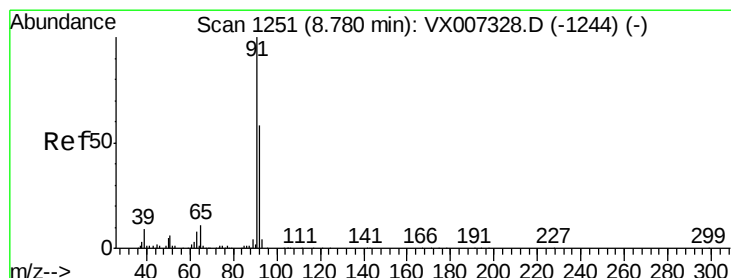
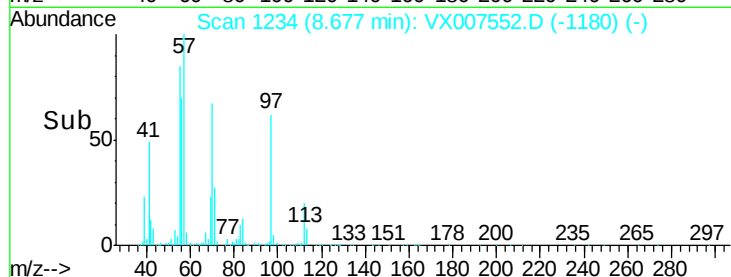
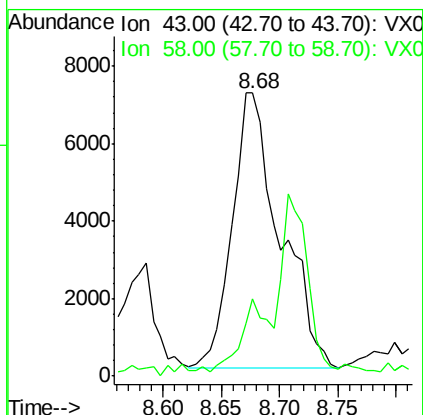
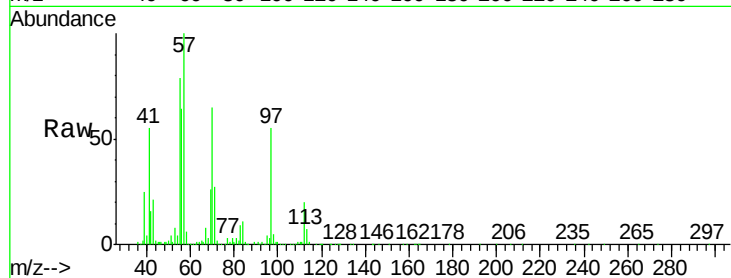




#51
4-Methyl-2-Pentanone
Concen: 2.826 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.03 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

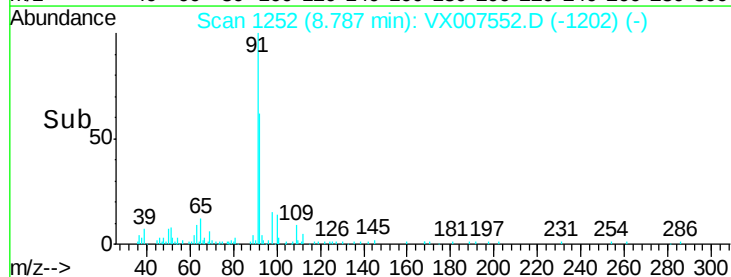
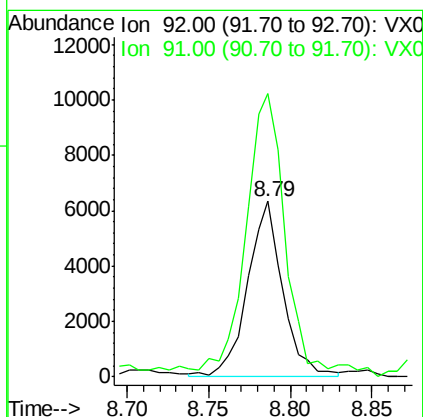
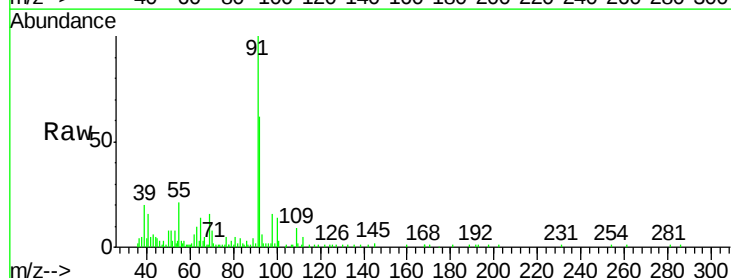
Instrument :
MSVOA_X
ClientSampleId :

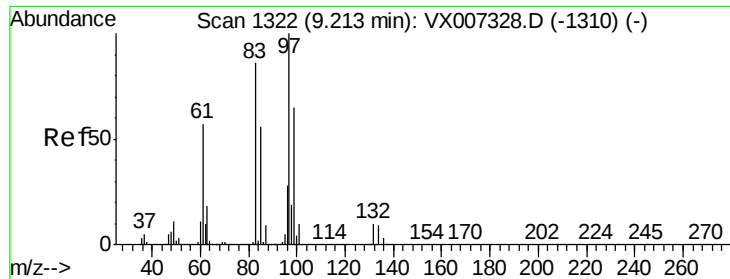
Tot Ion: 43 Resp: 20420
Ion Ratio Lower Upper
43 100
58 15.1 31.2 46.8#



#52
Toluene
Concen: 0.718 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 92 Resp: 9596
Ion Ratio Lower Upper
92 100
91 183.1 139.1 208.7





#55

1,1,2-Trichloroethane

Concen: 14.103 ug/l

RT: 9.16 min Scan# 1314

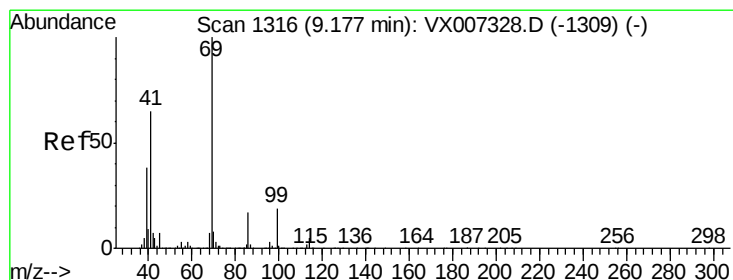
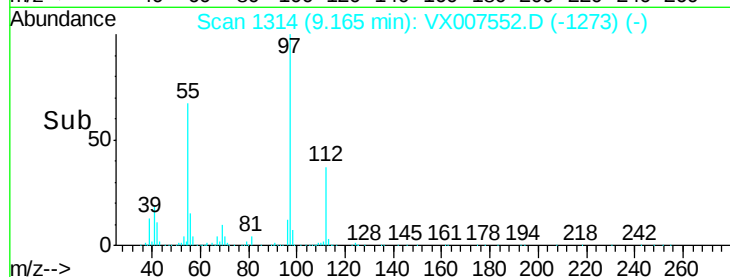
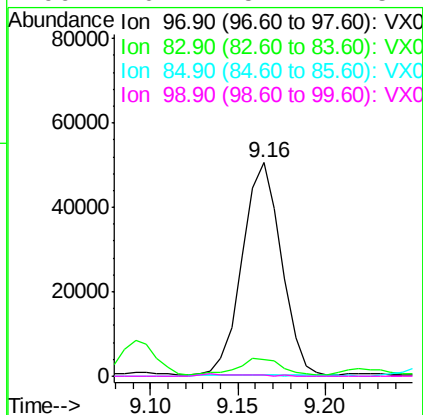
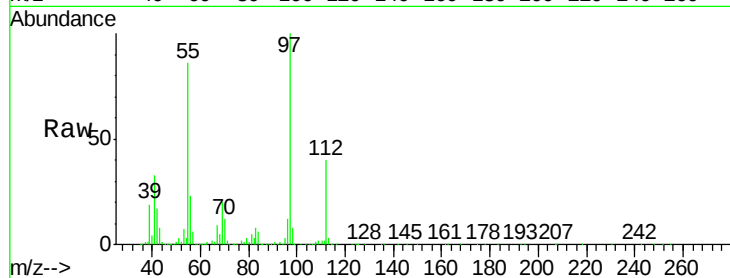
Delta R.T. -0.05 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	97	Resp:	78599
Ion	Ratio	Lower	Upper
97	100		
83	6.7	68.6	102.8#
85	0.4	44.5	66.7#
99	0.2	52.2	78.4#



#56

Ethyl methacrylate

Concen: 2.426 ug/l

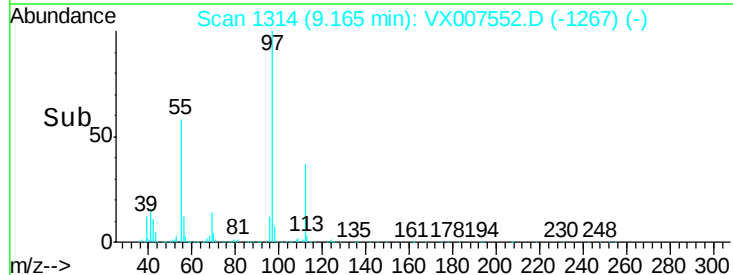
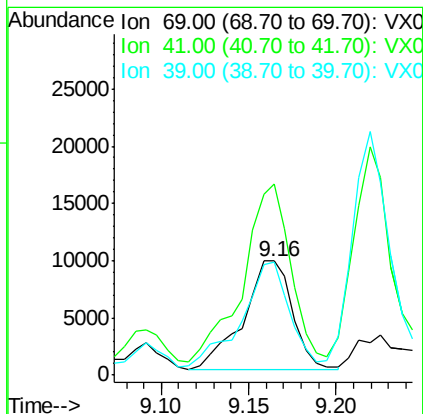
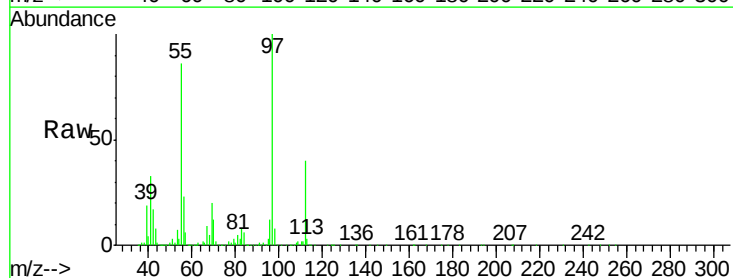
RT: 9.16 min Scan# 1314

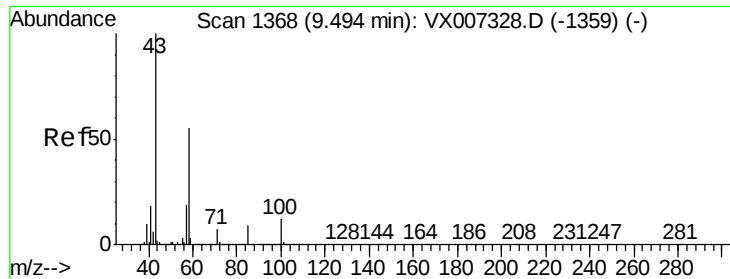
Delta R.T. -0.01 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Tgt Ion:	69	Resp:	18724
Ion	Ratio	Lower	Upper
69	100		
41	157.4	52.1	78.1#
39	92.8	30.1	45.1#

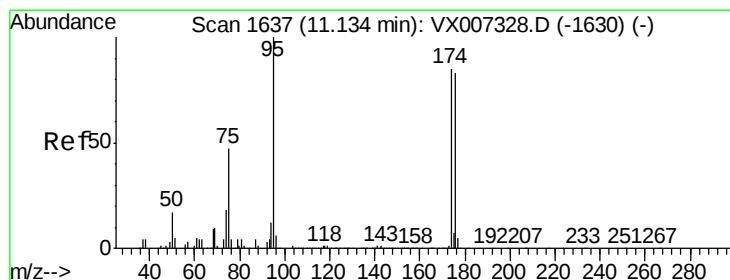
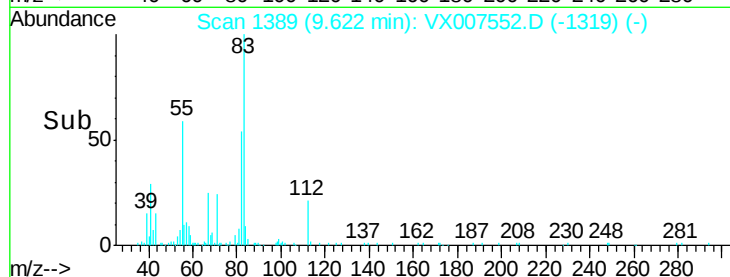
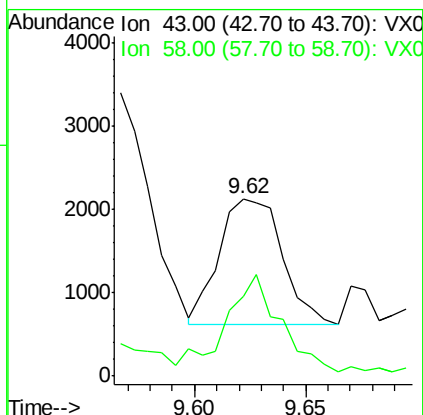
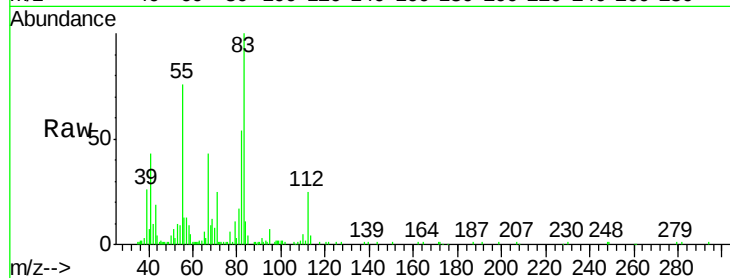




#59
2-Hexanone
Concen: 0.523 ug/l
RT: 9.62 min Scan# 1389
Delta R.T. 0.13 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

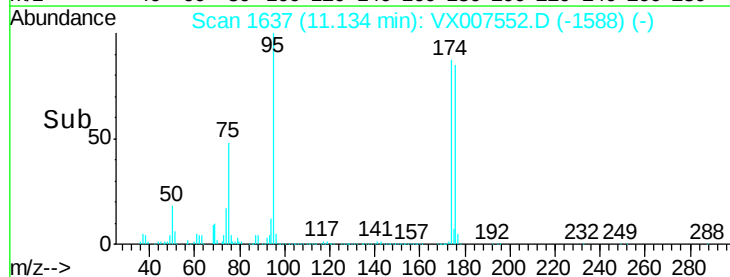
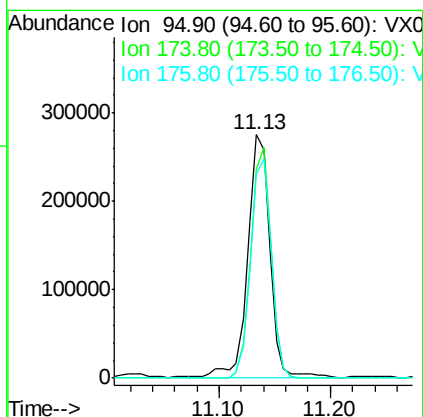
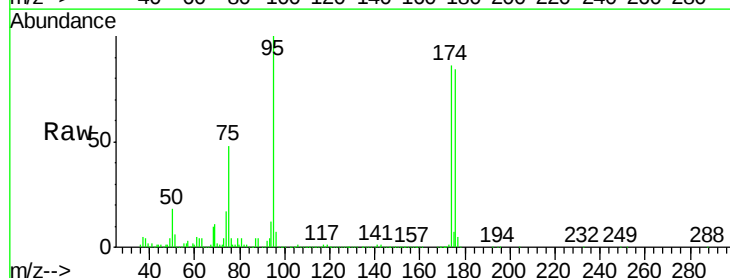
Instrument :
MSVOA_X
ClientSampleId :

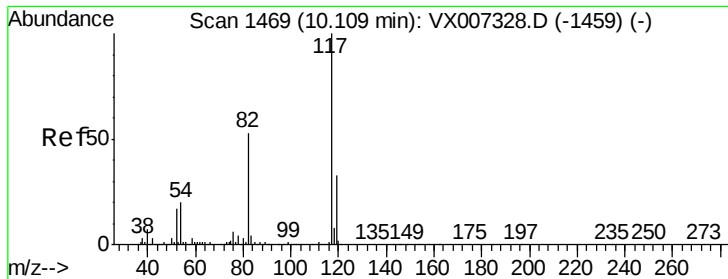
Tot Ion: 43 Resp: 2942
Ion Ratio Lower Upper
43 100
58 67.4 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 54.635 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 95 Resp: 377547
Ion Ratio Lower Upper
95 100
174 87.7 0.0 189.2
176 84.7 0.0 186.2

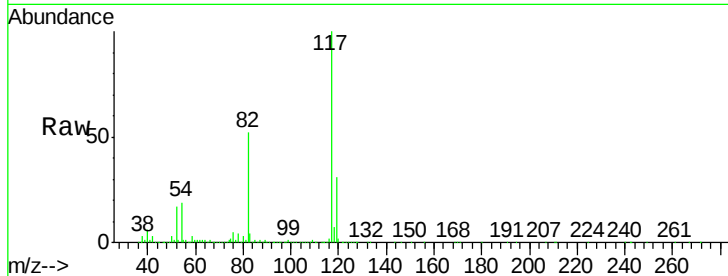




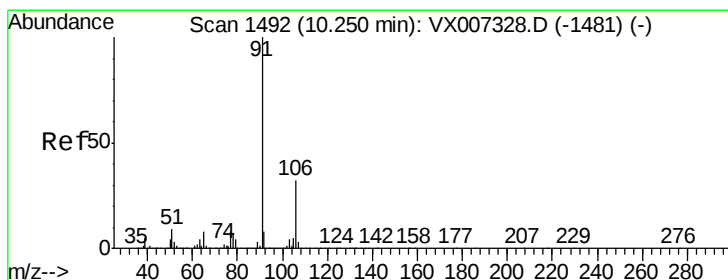
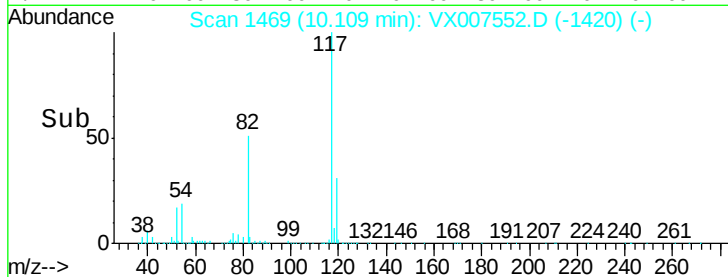
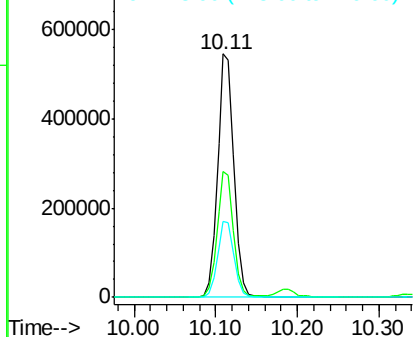
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 768270
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 31.1 26.5 39.7

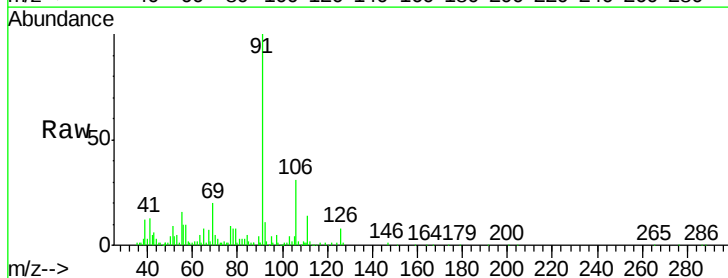


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

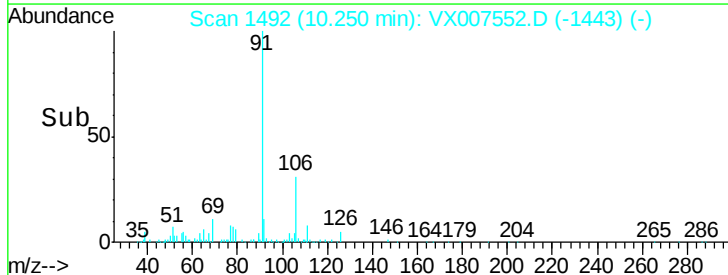
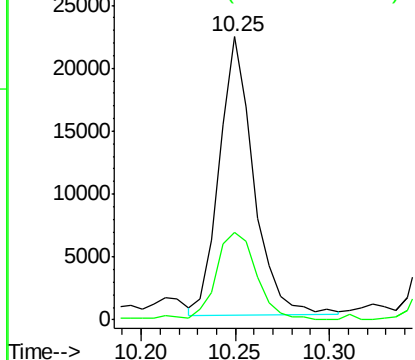


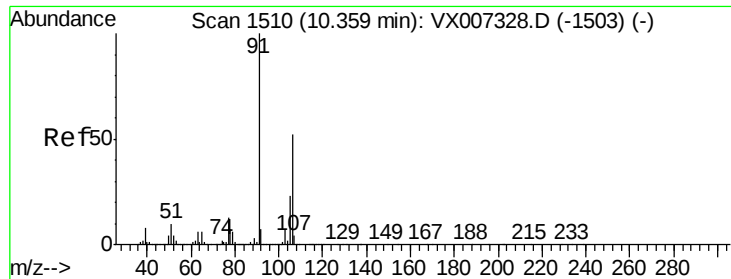
#67
Ethyl Benzene
Concen: 1.034 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 91 Resp: 27914
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0



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

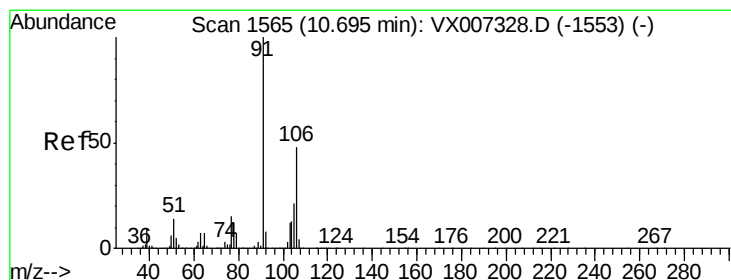
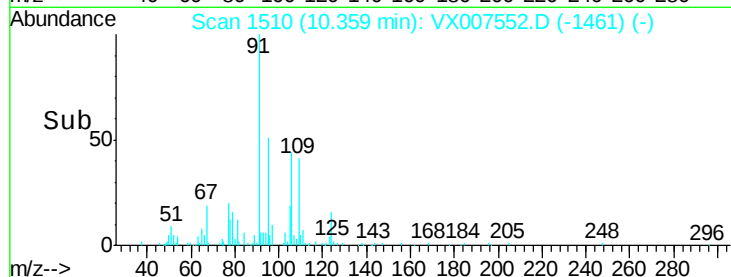
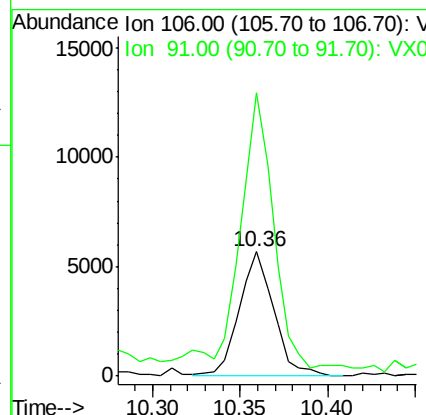
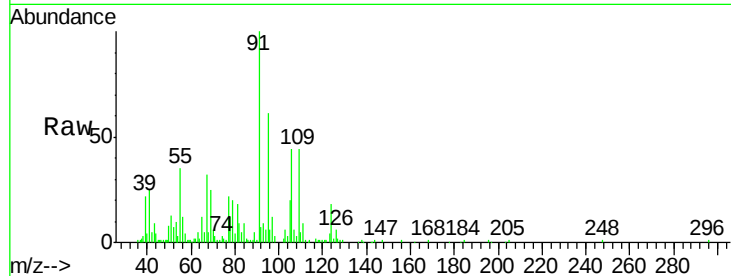




#68
m/p-Xylenes
Concen: 0.729 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

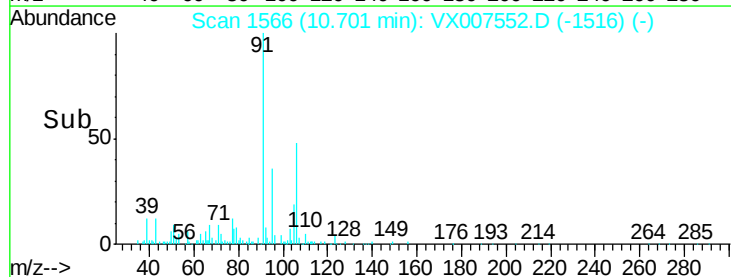
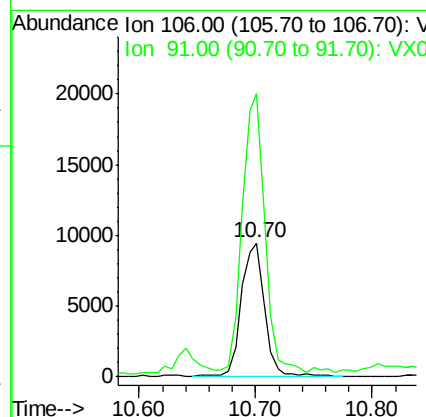
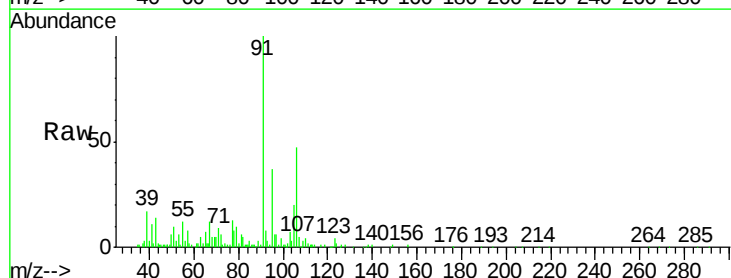
Instrument :
MSVOA_X
ClientSampleId :

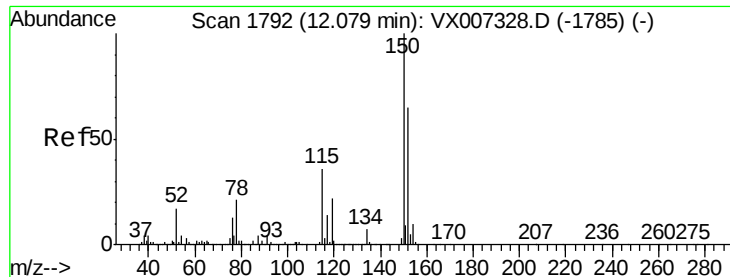
Tot Ion:106 Resp: 7827
Ion Ratio Lower Upper
106 100
91 209.3 156.6 234.8



#69
o-Xylene
Concen: 1.294 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion:106 Resp: 13358
Ion Ratio Lower Upper
106 100
91 199.2 102.9 308.7



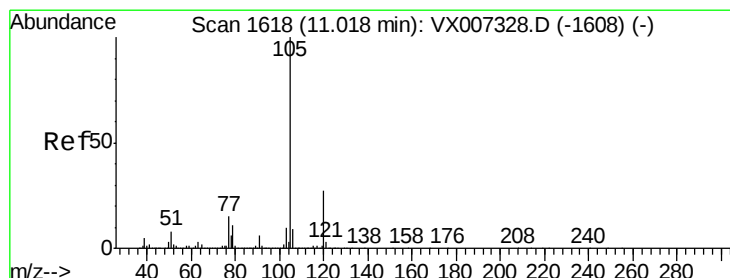
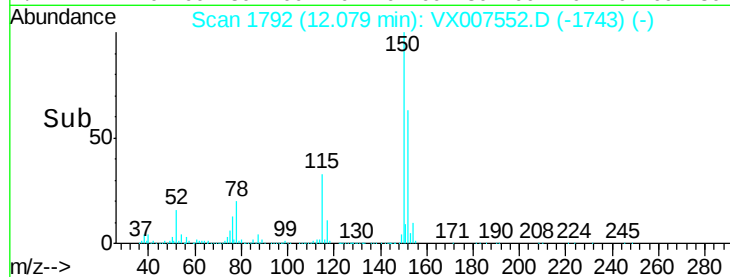
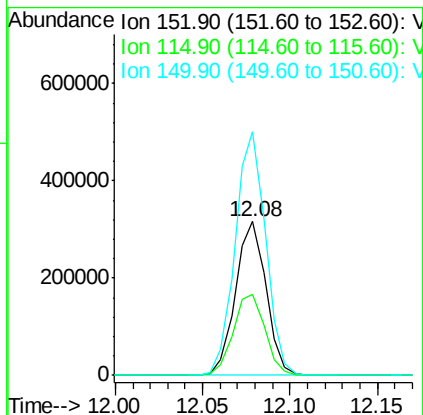
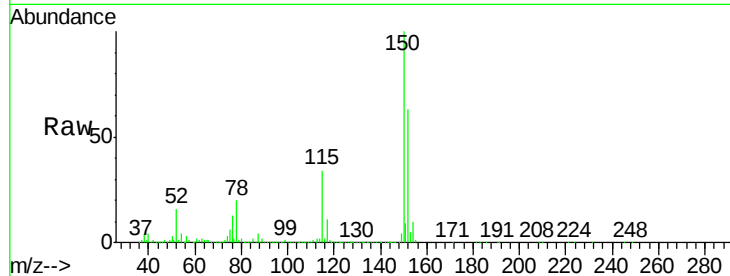


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

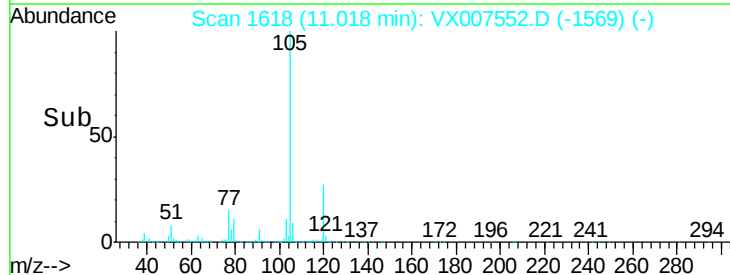
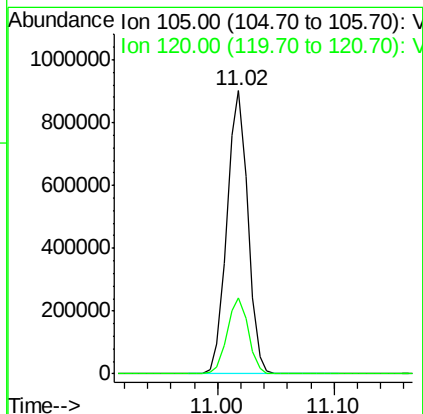
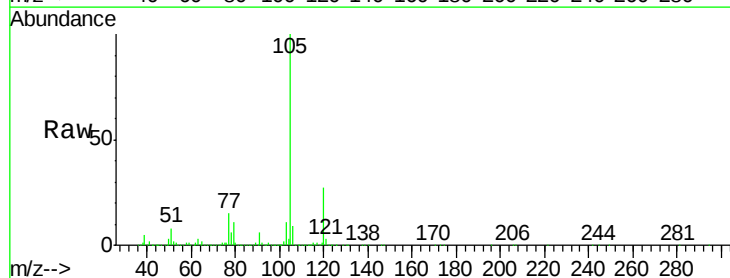
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.0	114.0
150	158.0	0.0	346.4

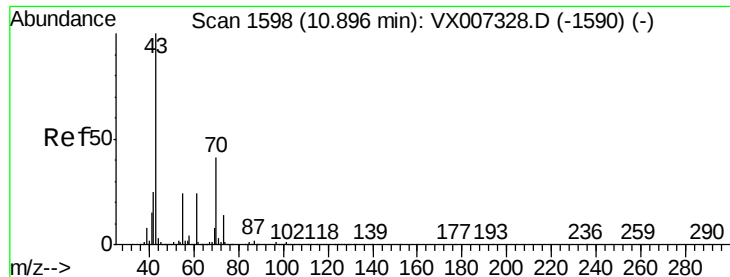


#73

Isopropylbenzene
Concen: 43.071 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.6	40.7





#74

N-amvl acetate

Concen: 0.224 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 2265

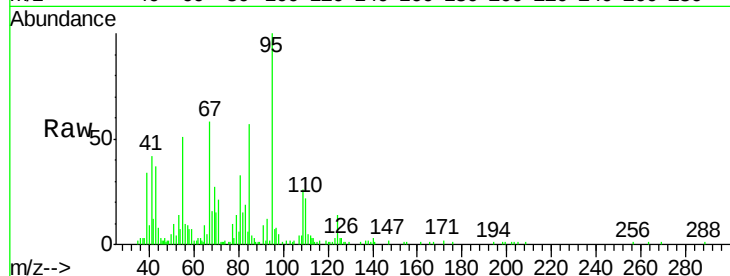
Ion Ratio Lower Upper

43 100

70 96.8 33.8 50.6#

55 473.2 19.5 29.3#

61 26.7 19.4 29.2

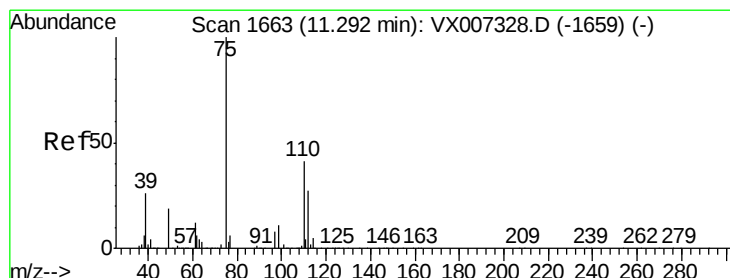
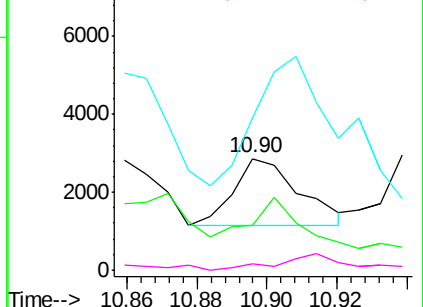
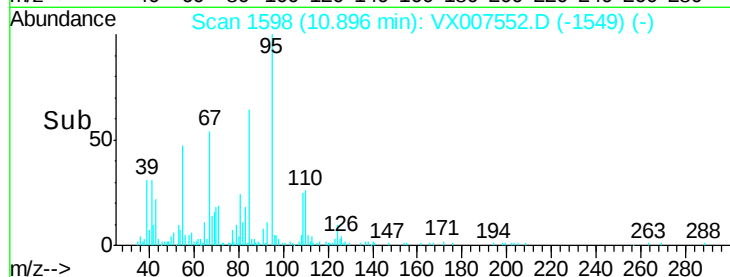


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 1.856 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX007552.D

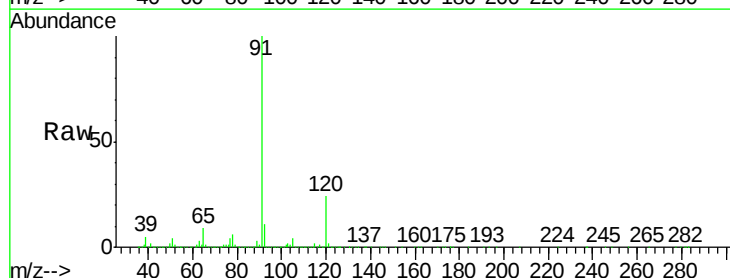
Acq: 14 Feb 2019 18:08

Tgt Ion: 75 Resp: 13856

Ion Ratio Lower Upper

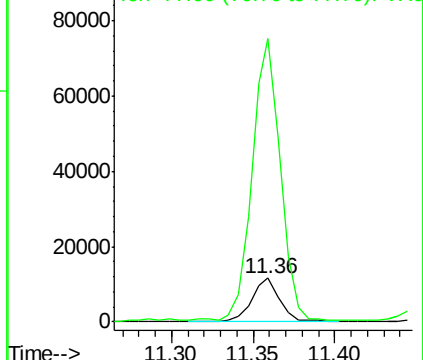
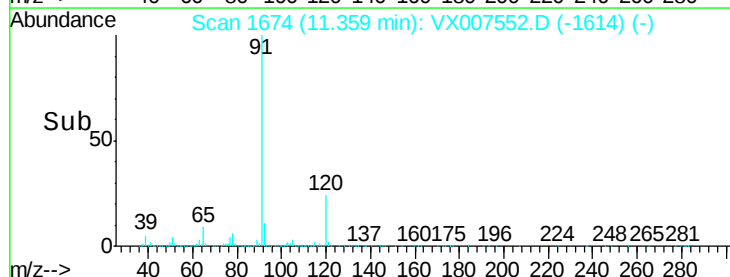
75 100

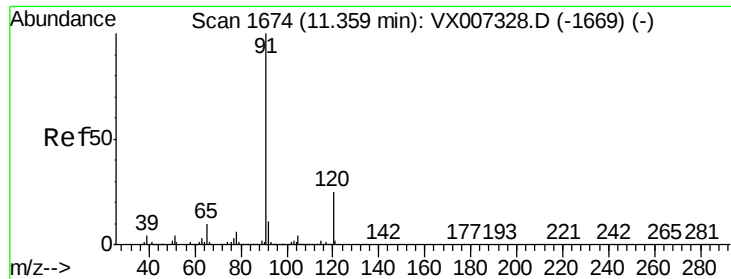
77 646.7 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 81.856 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

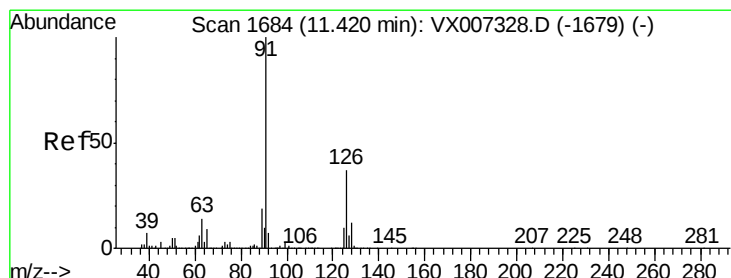
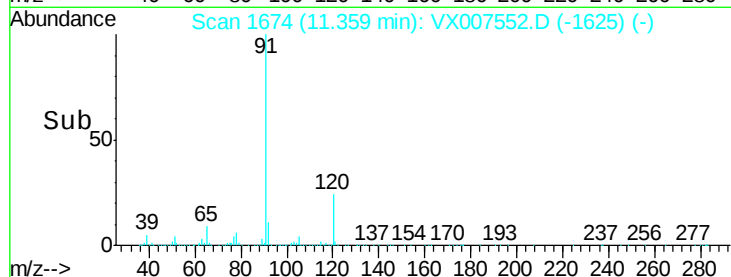
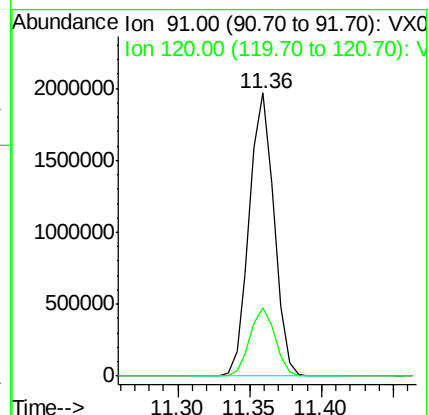
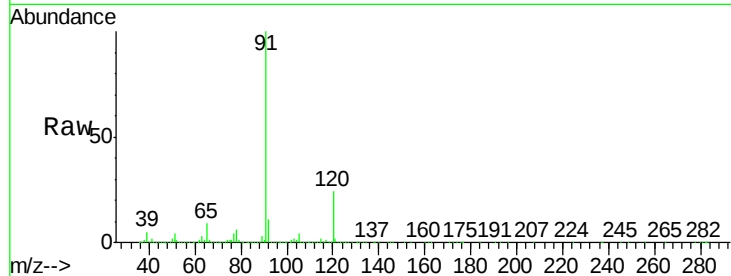
ClientSampleId :

Tot Ion: 91 Resp: 2341327

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.2



#79

2-Chlorotoluene

Concen: 134.902 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX007552.D

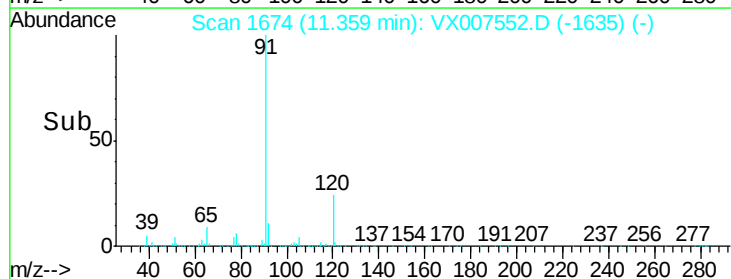
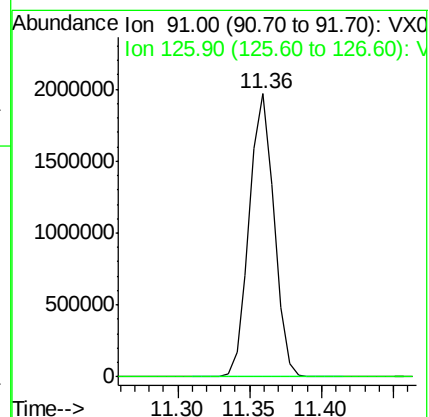
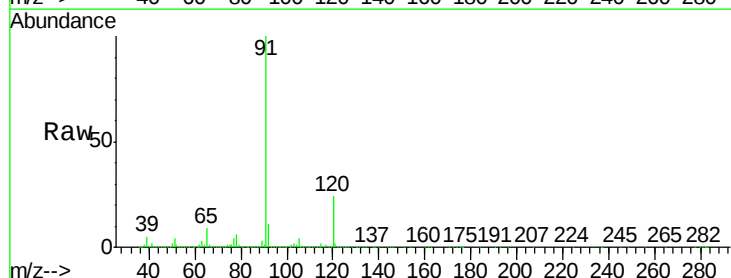
Acq: 14 Feb 2019 18:08

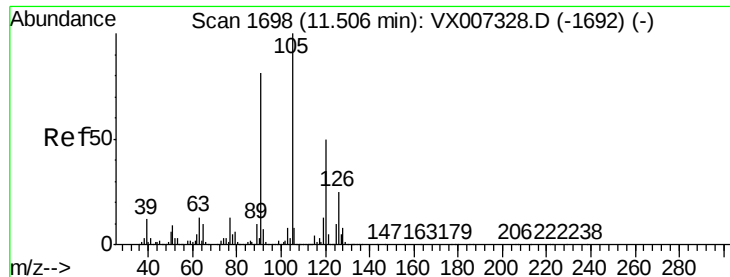
Tgt Ion: 91 Resp: 2341327

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 16.882 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

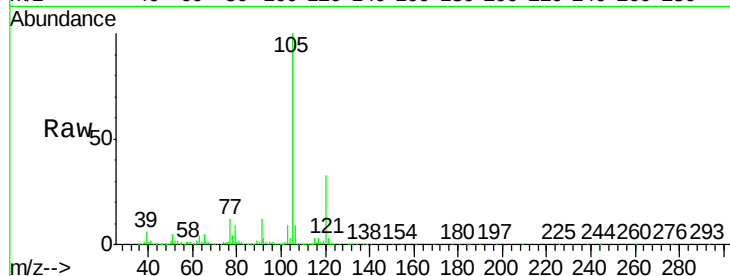
ClientSampleId :

Tot Ion:105 Resp: 360260

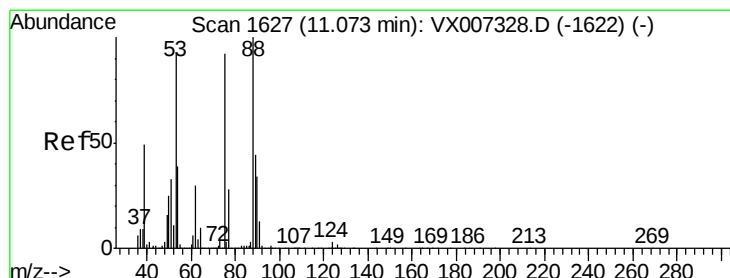
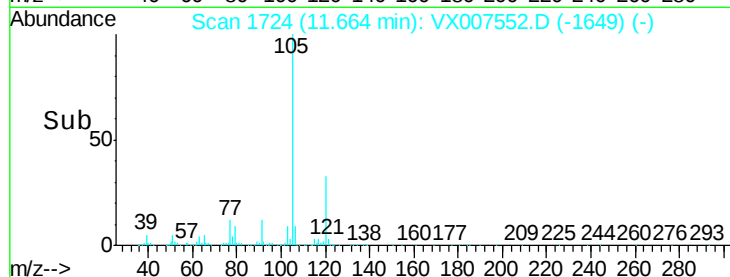
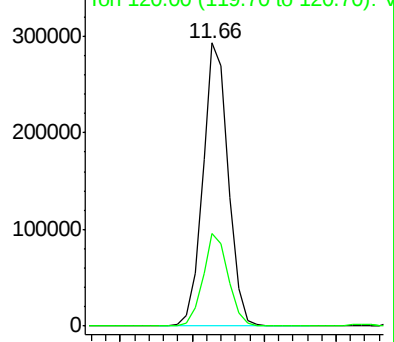
Ion Ratio Lower Upper

105 100

120 32.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 8.816 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

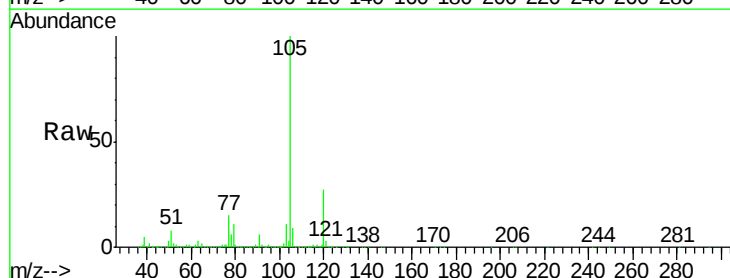
Tgt Ion: 75 Resp: 12104

Ion Ratio Lower Upper

75 100

53 102.9 81.0 121.6

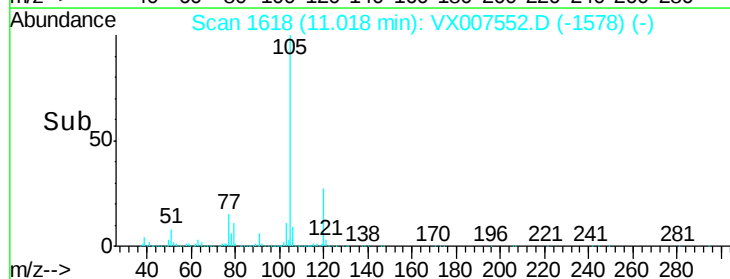
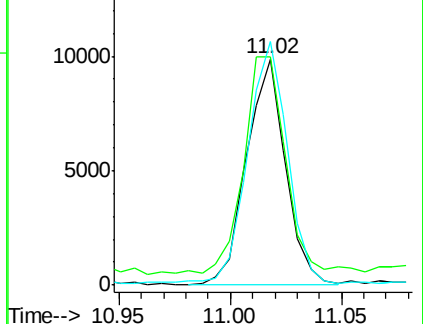
89 108.9 41.4 62.0#

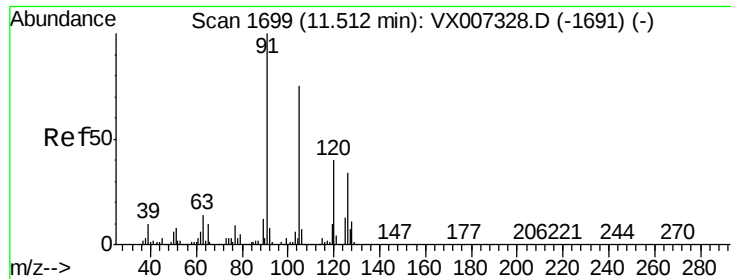


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

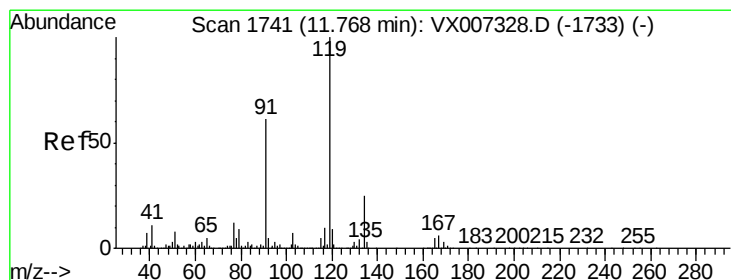
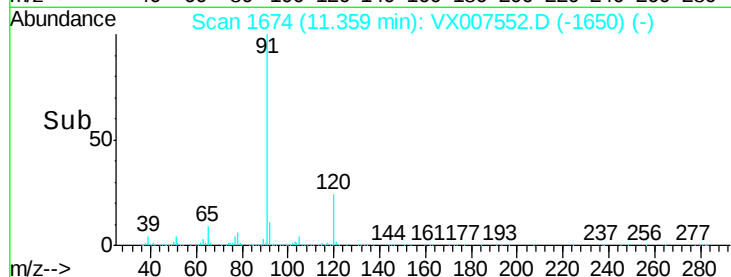
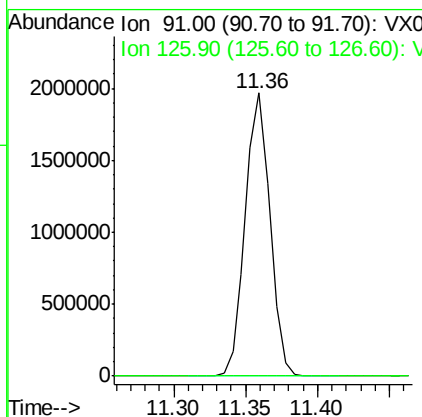
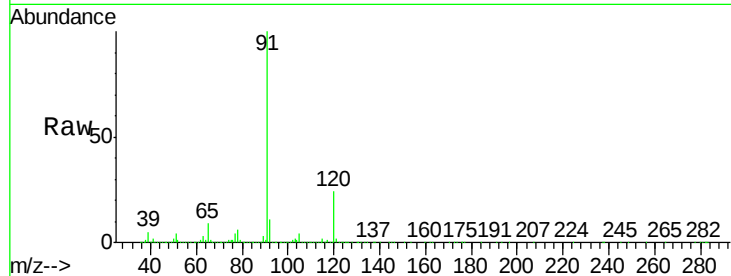




#82
4-Chlorotoluene
Concen: 116.586 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.15 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

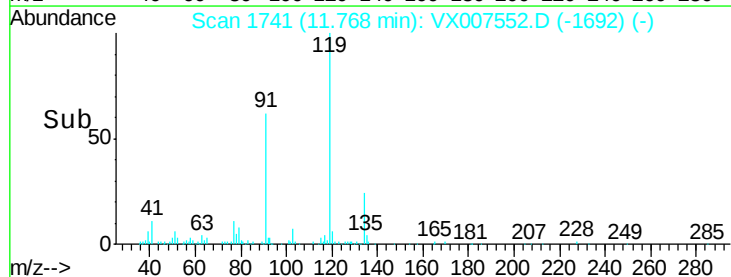
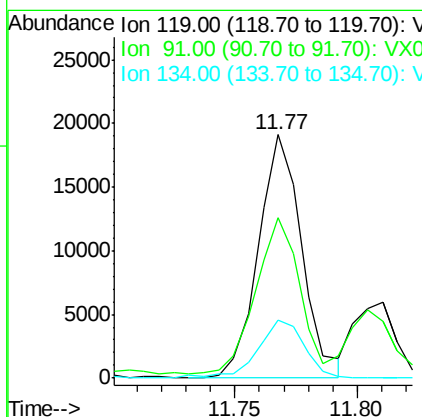
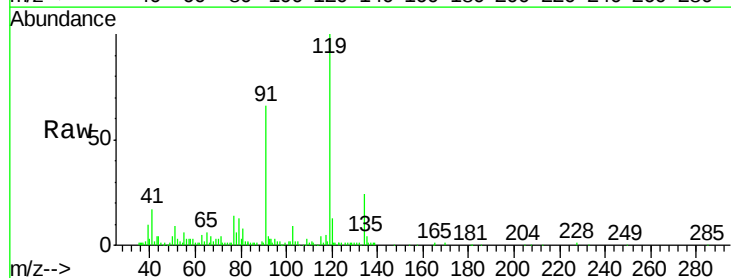
Instrument :
MSVOA_X
ClientSampleId :

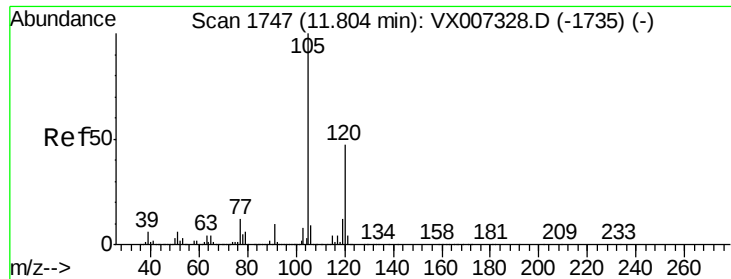
Tot Ion: 91 Resp: 2341327
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.5#



#83
tert-Butylbenzene
Concen: 1.115 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 119 Resp: 23560
Ion Ratio Lower Upper
119 100
91 64.0 28.5 85.6
134 25.5 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 2.736 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

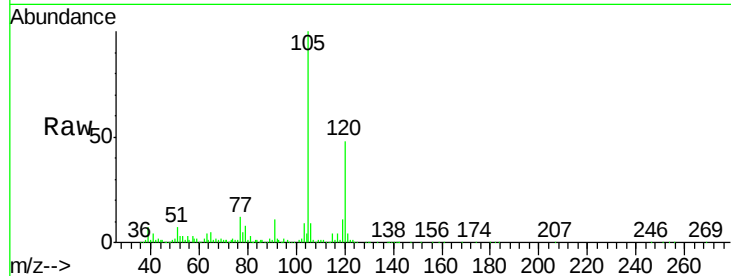
ClientSampleId :

Tot Ion:105 Resp: 59271

Ion Ratio Lower Upper

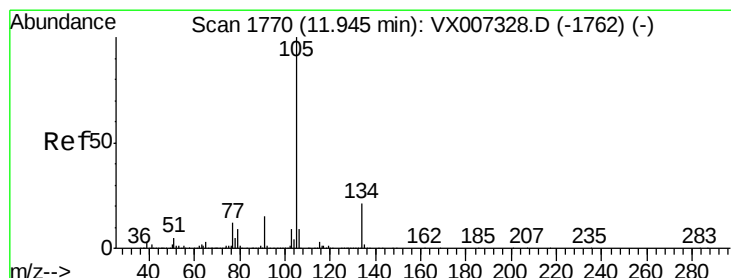
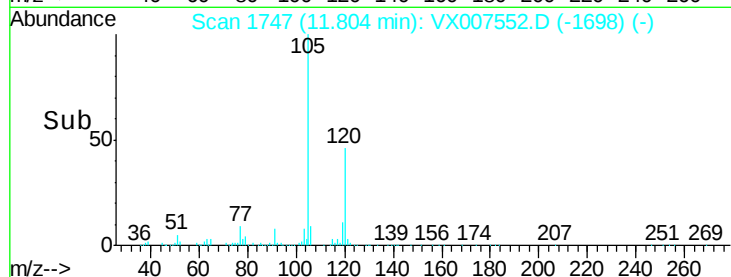
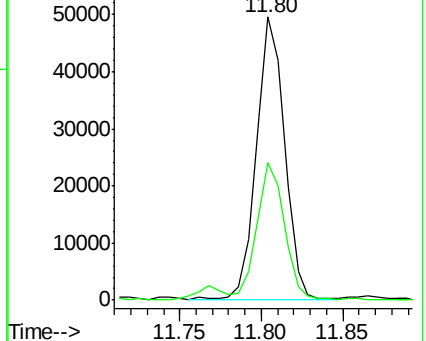
105 100

120 48.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 13.911 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007552.D

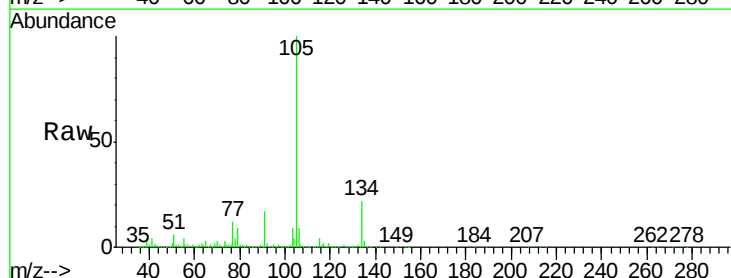
Acq: 14 Feb 2019 18:08

Tgt Ion:105 Resp: 355737

Ion Ratio Lower Upper

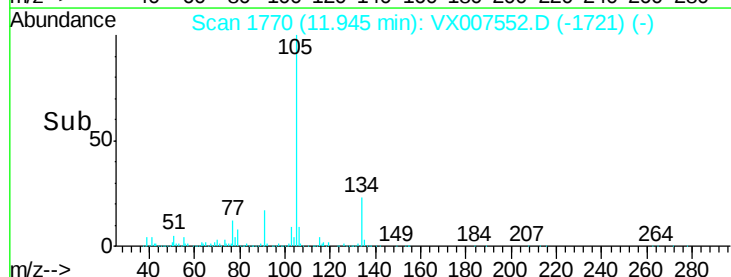
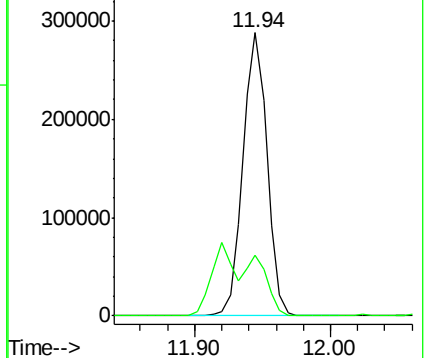
105 100

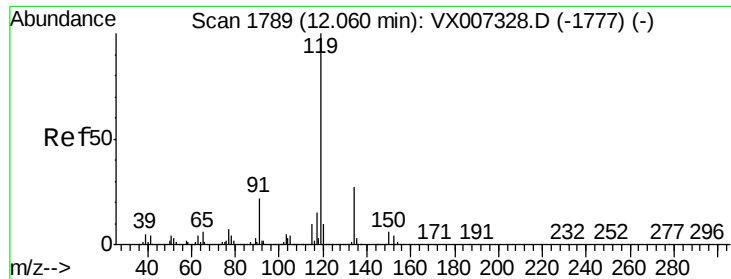
134 19.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

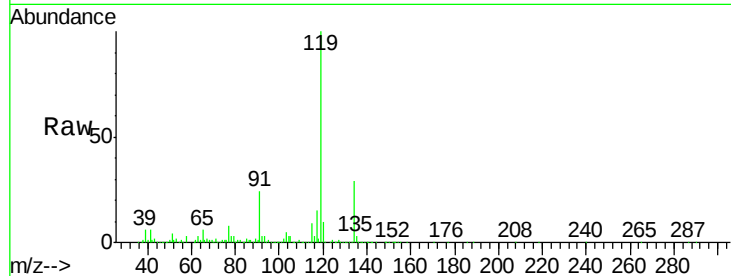




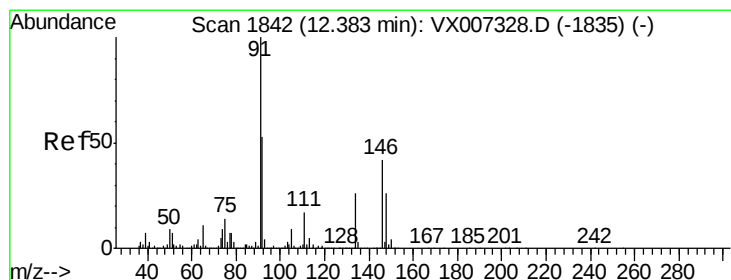
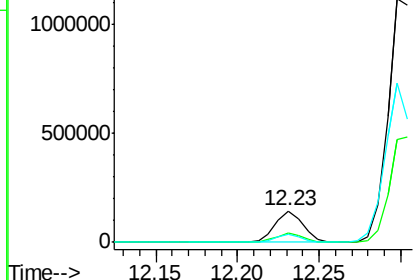
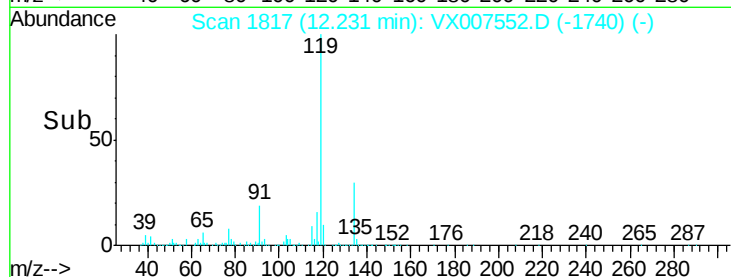
#86
 p-Isopropyltoluene
 Concen: 7.365 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX007552.D
 Acq: 14 Feb 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.8	13.7	41.1
91	23.8	11.2	33.5

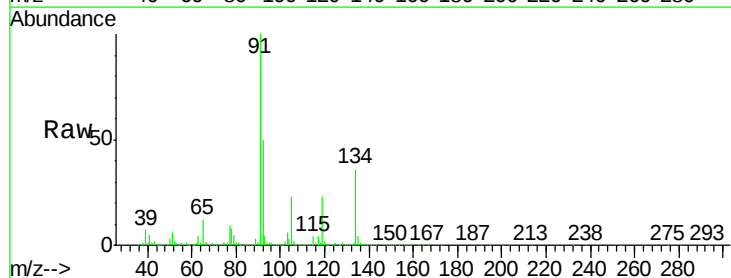


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

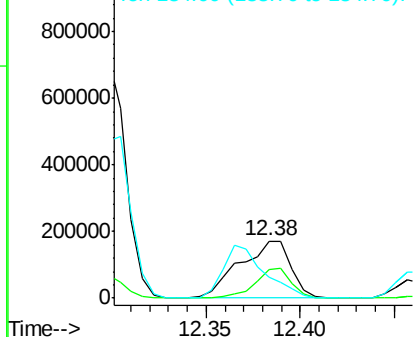
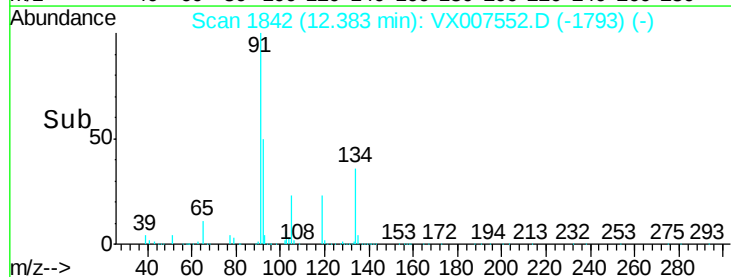


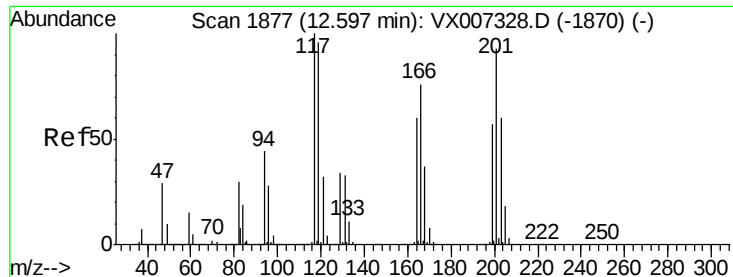
#89
 n-Butylbenzene
 Concen: 16.091 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX007552.D
 Acq: 14 Feb 2019 18:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	36.7	26.3	78.9
134	0.0	13.9	41.6#



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: 296.974 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

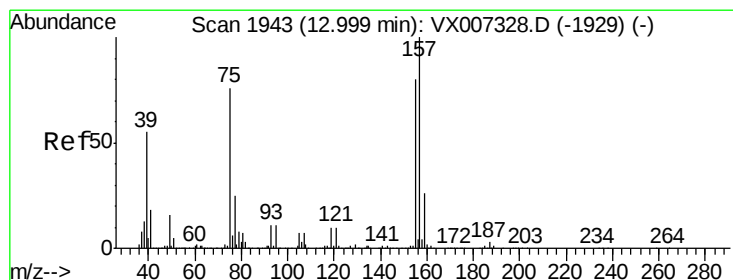
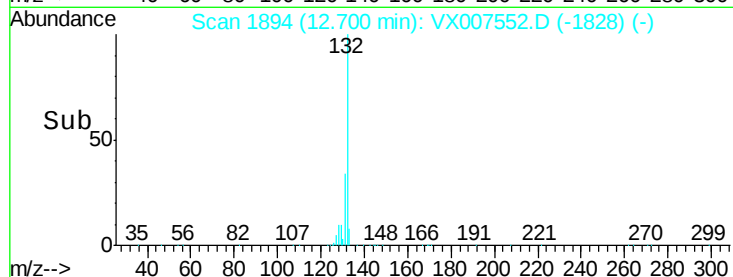
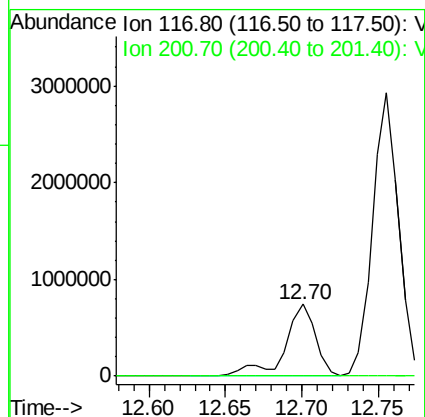
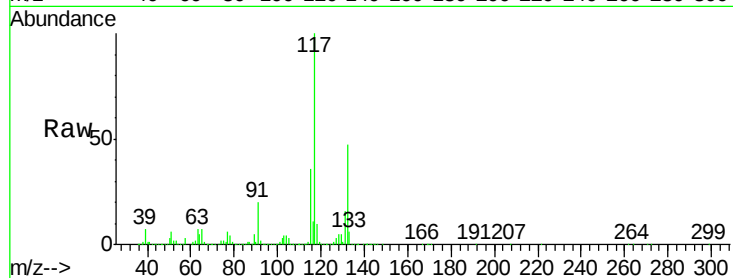
ClientSampleId :

Tot Ion:117 Resp: 1025966

Ion Ratio Lower Upper

117 100

201 0.0 44.9 134.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.111 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

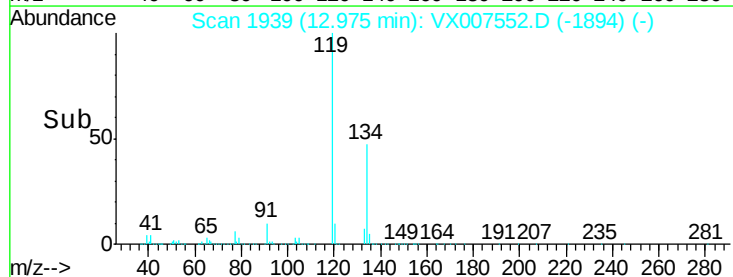
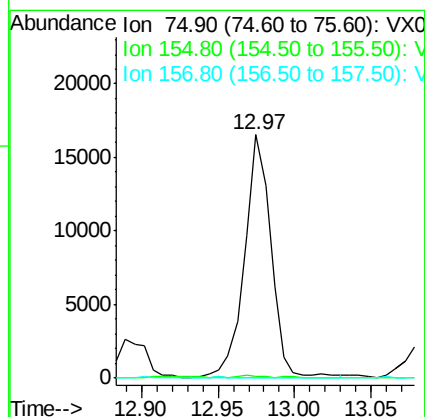
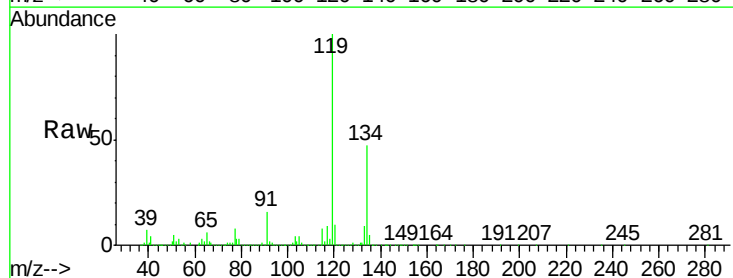
Tgt Ion: 75 Resp: 20018

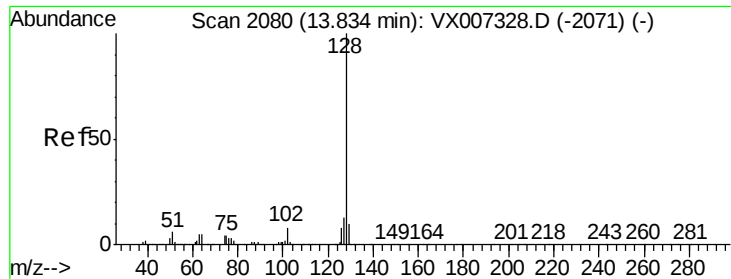
Ion Ratio Lower Upper

75 100

155 1.1 49.6 149.0#

157 0.0 65.1 195.3#

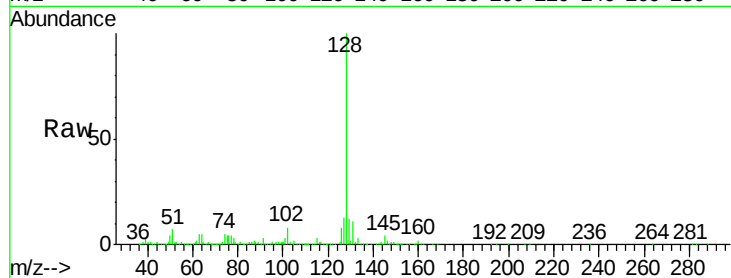




#95
Naphthalene
Concen: 4.507 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.5	15.7#
129	16.1	8.7	13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

