

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007554.D
 Acq On : 14 Feb 2019 19:01
 Operator : JC/SP
 Sample : K1474-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 02:46:49 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	537597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	814765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	443430	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	281499	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
35) Dibromofluoromethane	5.50	113	259132	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	984207	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	427073	59.47	ug/l	0.00
Spiked Amount			Recovery	=	118.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1480	0.244	ug/l #	76
5) Bromomethane	1.64	94	255	Below Cal		97
6) Chloroethane	1.59	64	30665	7.980	ug/l #	55
11) Tert butyl alcohol	3.06	59	82350	69.735	ug/l #	73
13) Acrolein	2.28	56	690	1.246	ug/l #	1
14) Allyl chloride	2.72	41	3274	0.391	ug/l #	24
15) Acrylonitrile	3.20	53	57353	19.633	ug/l #	30
16) Acetone	2.45	43	15640	5.984	ug/l	99
17) Carbon Disulfide	2.59	76	4587	2.448	ug/l #	75
18) Methyl Acetate	2.85	43	43036	6.837	ug/l #	51
19) Methyl tert-butyl Ether	3.20	73	5116823	307.698	ug/l	100
20) Methylene Chloride	2.85	84	1516	Below Cal	#	58
25) 2-Butanone	4.70	43	6026	1.620	ug/l	94
29) Tetrahydrofuran	5.15	42	11469	4.902	ug/l	92
31) Cyclohexane	5.58	56	396637	49.987	ug/l	95
36) 1,1-Dichloropropene	5.67	75	33794	4.623	ug/l #	49
38) Carbon Tetrachloride	5.67	117	47024	6.630	ug/l #	16
39) Methylcyclohexane	7.46	83	361874	40.914	ug/l	92
42) 1,2-Dichloroethane	6.16	62	411794	55.269	ug/l #	74
43) Isopropyl Acetate	6.44	43	28344	2.485	ug/l #	29
46) Dibromomethane	7.63	93	1343	0.342	ug/l #	1
47) Bromodichloromethane	7.84	83	4252	0.640	ug/l #	1
48) Methyl methacrylate	7.73	41	48873	8.566	ug/l #	51
49) 1,4-Dioxane	7.73	88	496	10.675	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	51916	6.914	ug/l	90
52) Toluene	8.79	92	7666	0.552	ug/l	94
55) 1,1,2-Trichloroethane	9.16	97	75917	13.108	ug/l #	18
56) Ethyl methacrylate	9.16	69	17658	2.201	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.27	63	1002	0.237	ug/l #	62
59) 2-Hexanone	9.51	43	52463	8.979	ug/l	85
67) Ethyl Benzene	10.25	91	19544998	705.590	ug/l #	31
68) m/p-Xylenes	10.36	106	1935426	175.769	ug/l	97
69) o-Xylene	10.70	106	102826	9.705	ug/l	94
70) Styrene	10.70	104	11470	0.668	ug/l #	1

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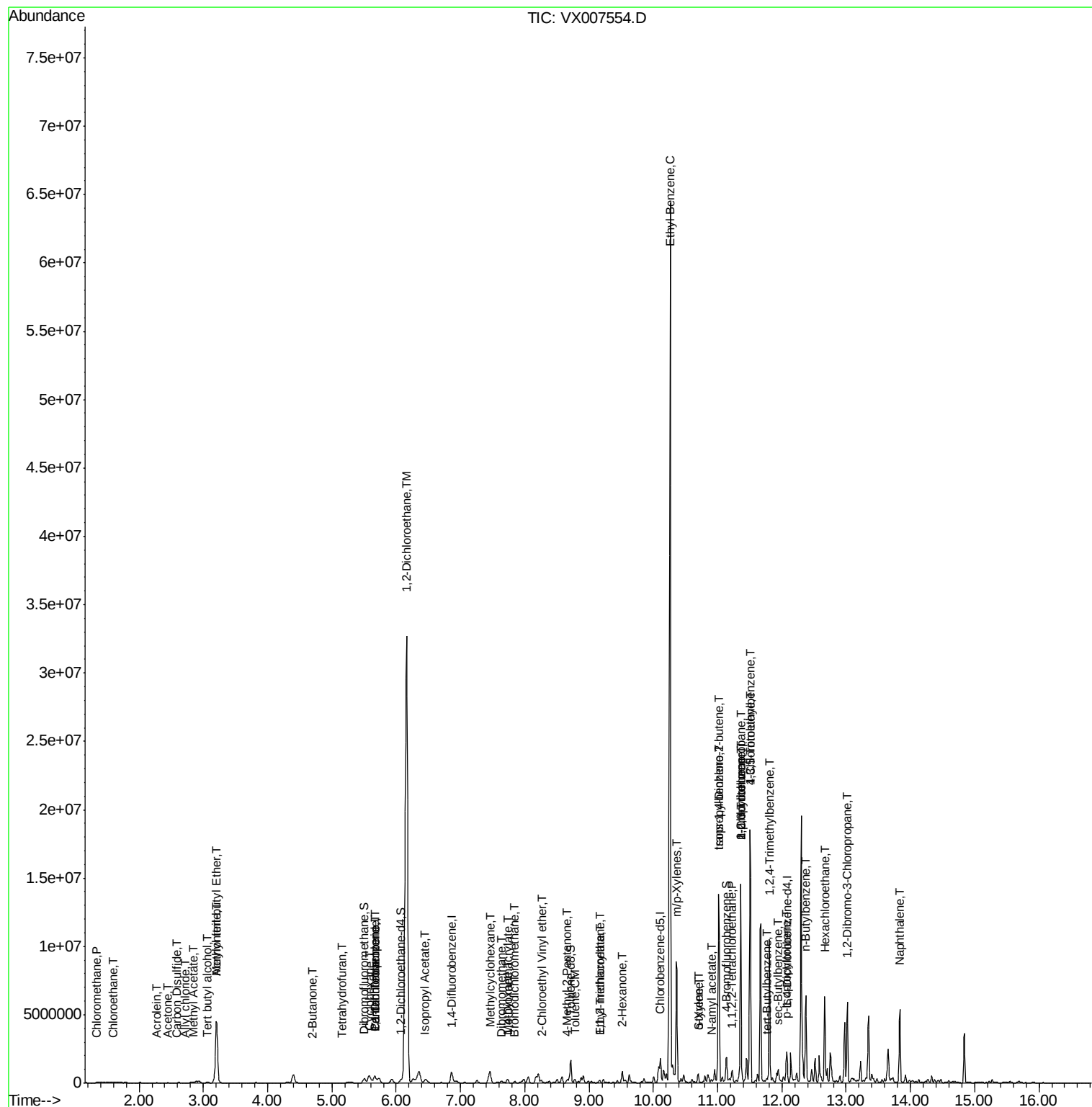
73) Isopropylbenzene	11.02	105	6609920	219.355	uq/l	99
74) N-amyI acetate	10.90	43	23315	2.000	uq/l #	74
75) 1,1,2,2-Tetrachloroethane	11.21	83	36972	4.026	uq/l #	37
76) 1,2,3-Trichloropropane	11.36	75	49515	5.741	uq/l #	1
78) n-propylbenzene	11.36	91	7954192	240.721	uq/l	100
79) 2-Chlorotoluene	11.36	91	7954192	396.719	uq/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	7326241	297.177	uq/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	78015	29.821	uq/l #	55
82) 4-Chlorotoluene	11.51	91	809482	34.892	uq/l #	42
83) tert-Butylbenzene	11.77	119	49191	2.015	uq/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	4532399	181.090	uq/l	100
85) sec-Butylbenzene	11.94	105	375359	12.706	uq/l	95
86) p-Isopropyltoluene	12.06	119	204728	7.677	uq/l	98
89) n-Butylbenzene	12.37	91	715827	31.205	uq/l #	5
90) Hexachloroethane	12.67	117	255353	63.982	uq/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	16381	8.579	uq/l #	1
95) Naphthalene	13.83	128	3267028	109.246	uq/l	100

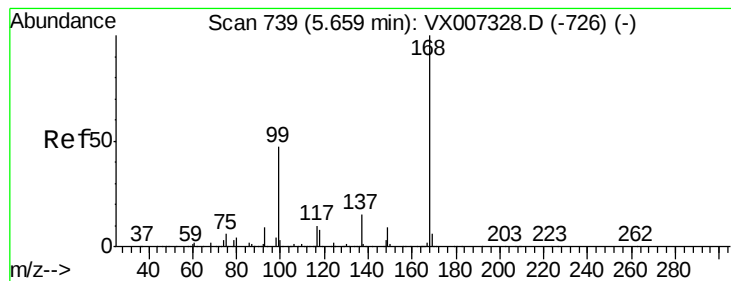
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

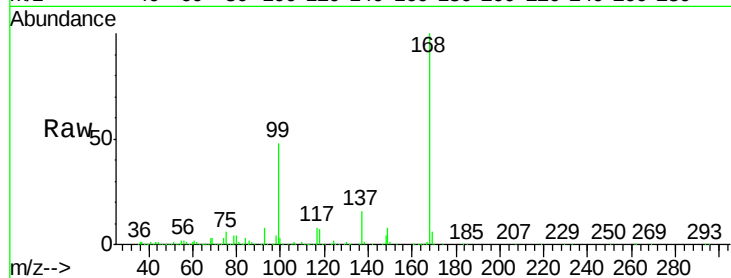
ClientSampleId :

Tot Ion:168 Resp: 537597

Ion Ratio Lower Upper

168 100

99 48.1 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

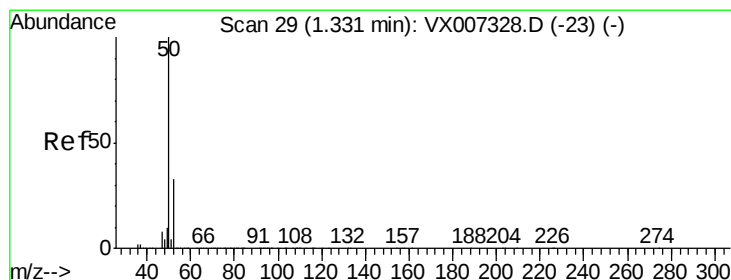
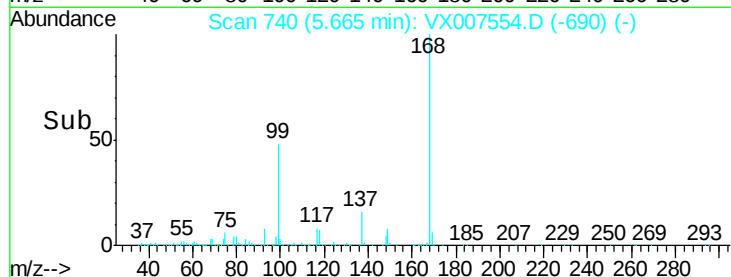
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.244 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007554.D

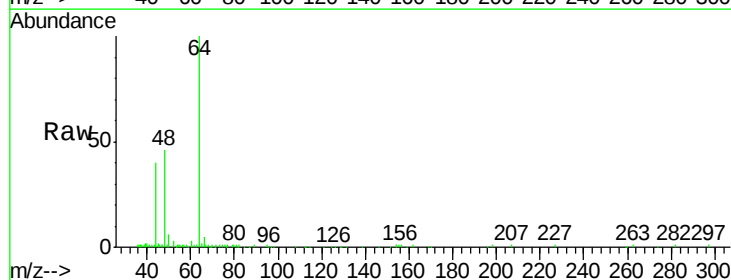
Acq: 14 Feb 2019 19:01

Tgt Ion: 50 Resp: 1480

Ion Ratio Lower Upper

50 100

52 46.2 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1000

800

600

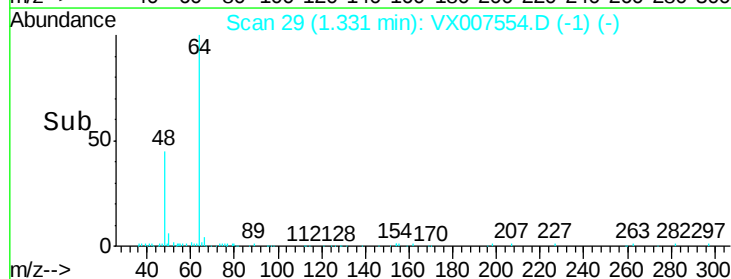
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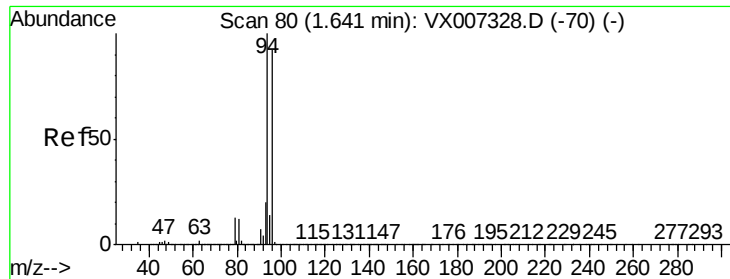
200

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

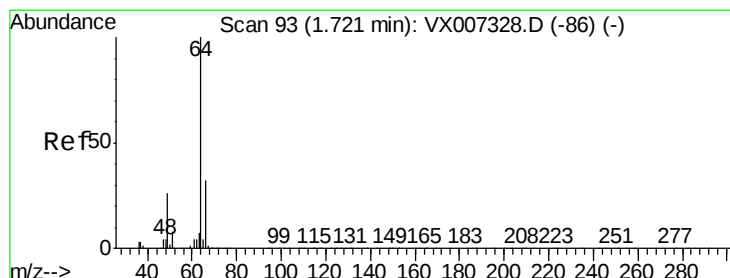
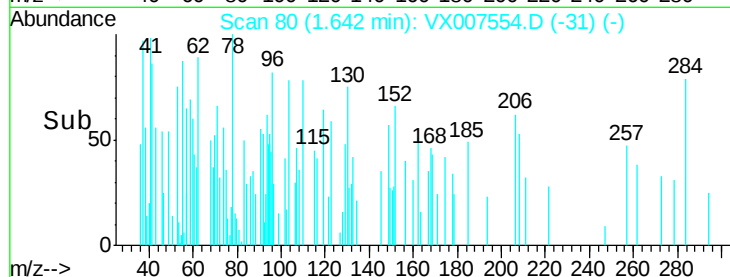
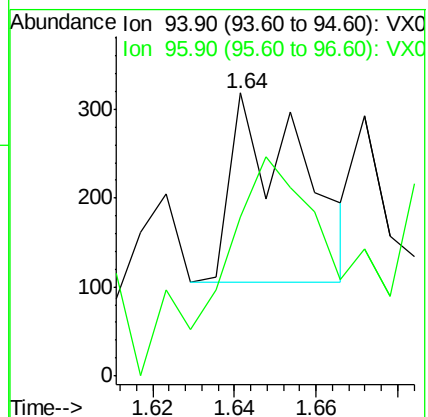
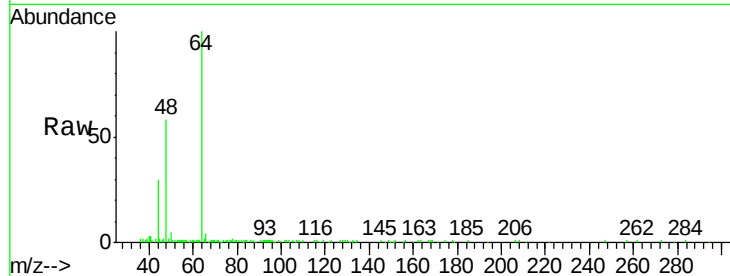
ClientSampleId :

Tot Ion: 94 Resp: 255

Ion Ratio Lower Upper

94 100

96 89.2 73.9 110.9



#6

Chloroethane

Concen: 7.980 ug/l

RT: 1.59 min Scan# 72

Delta R.T. -0.13 min

Lab File: VX007554.D

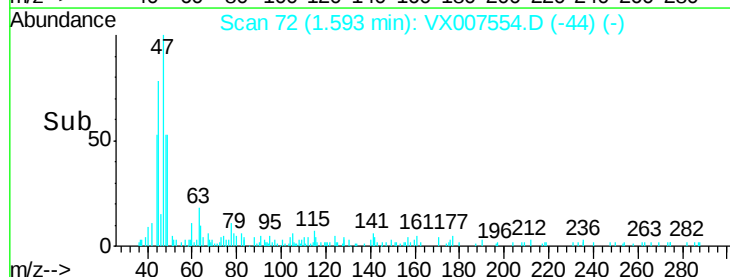
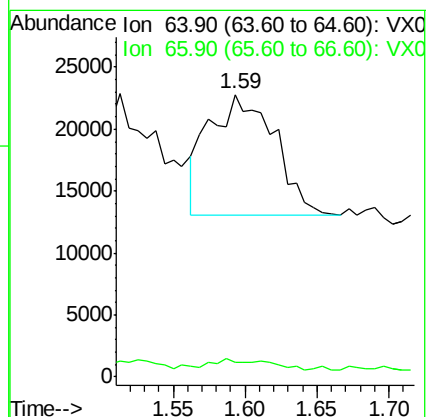
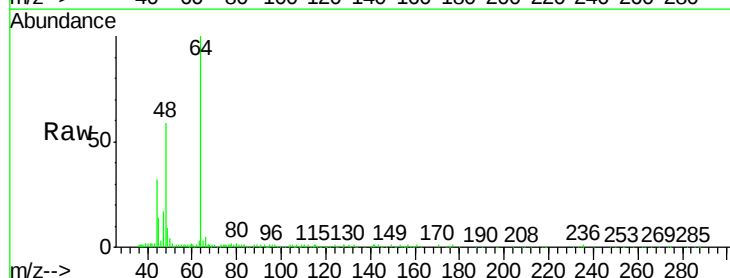
Acq: 14 Feb 2019 19:01

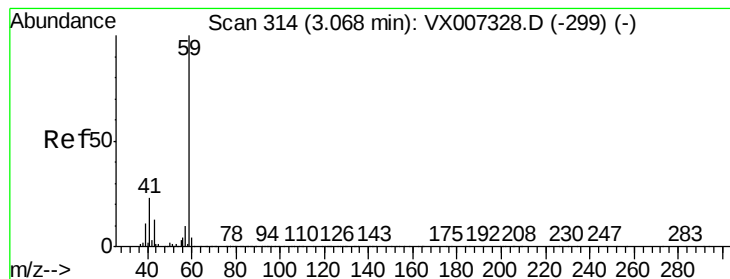
Tgt Ion: 64 Resp: 30665

Ion Ratio Lower Upper

64 100

66 6.9 25.5 38.3#



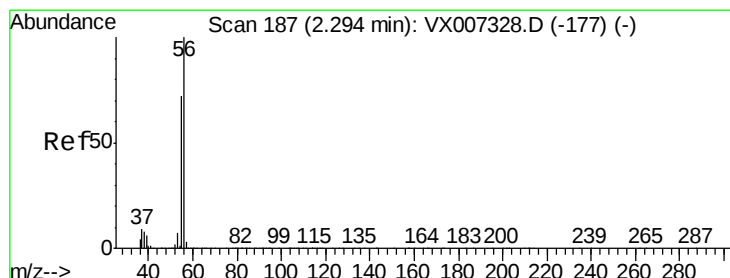
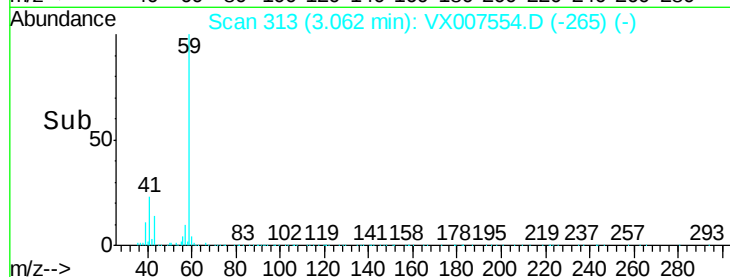
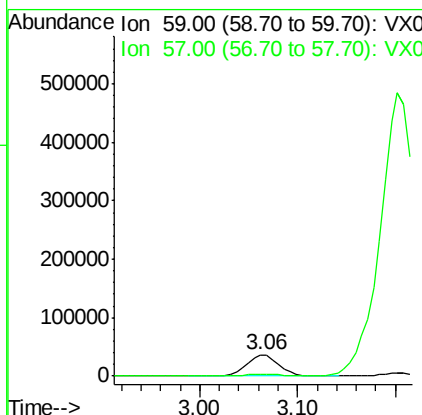
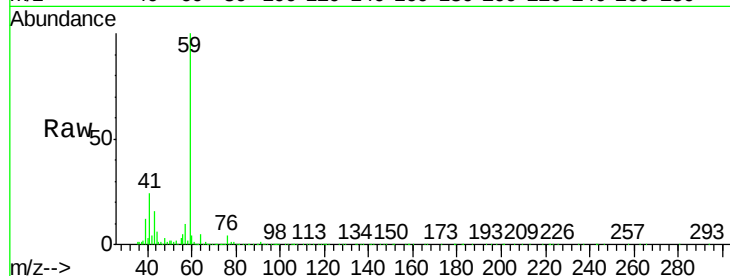


#11

Tert butyl alcohol
Concen: 69.735 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :

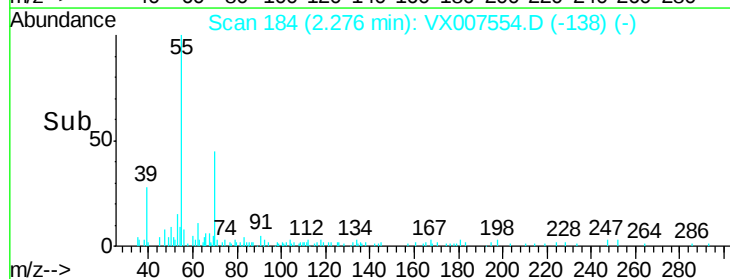
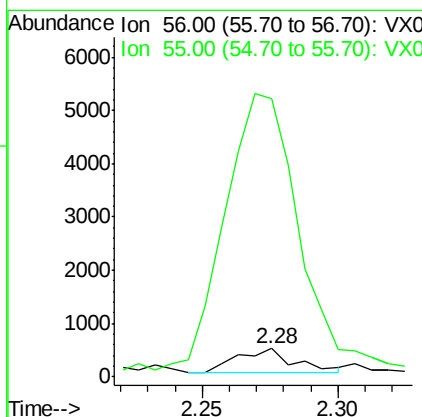
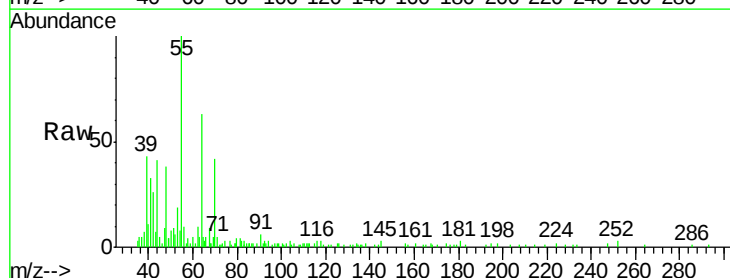
Tot Ion: 59 Resp: 82350
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

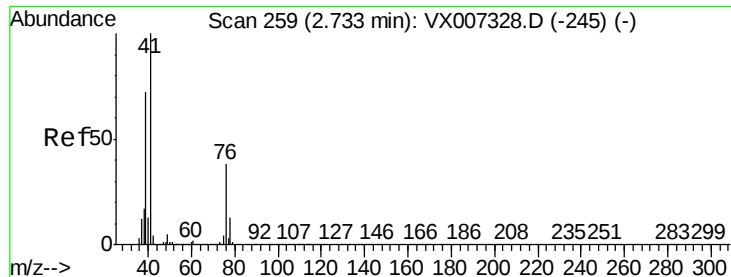


#13

Acrolein
Concen: 1.246 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

Tgt Ion: 56 Resp: 690
Ion Ratio Lower Upper
56 100
55 1462.2 56.9 85.3#





#14

Allvl chloride

Concen: 0.391 ug/l

RT: 2.72 min Scan# 257

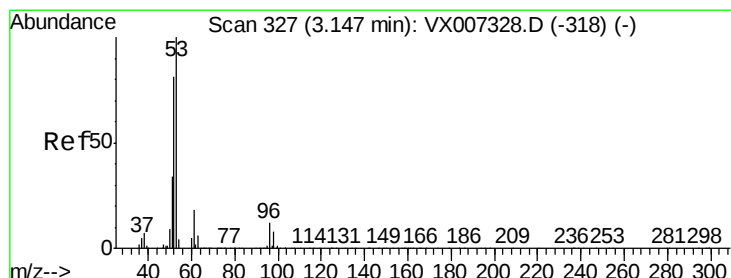
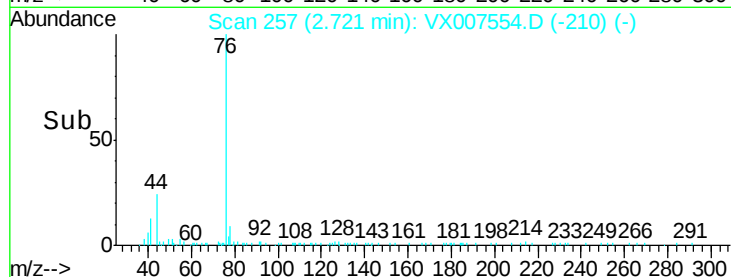
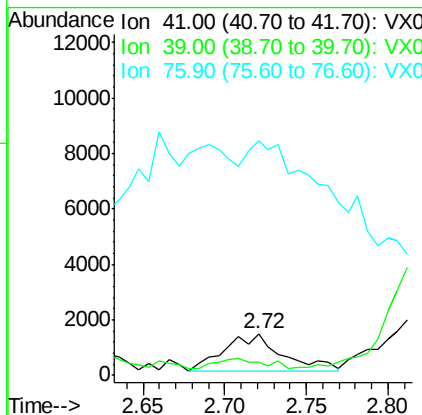
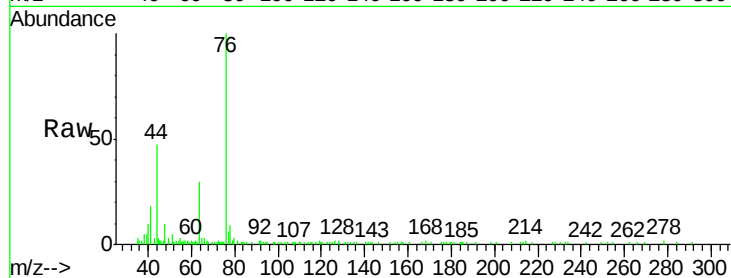
Delta R.T. -0.01 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	3274
Ion	Ratio	Lower	Upper
41	100		
39	0.0	54.1	81.1#
76	0.0	27.8	41.8#



#15

Acrylonitrile

Concen: 19.633 ug/l

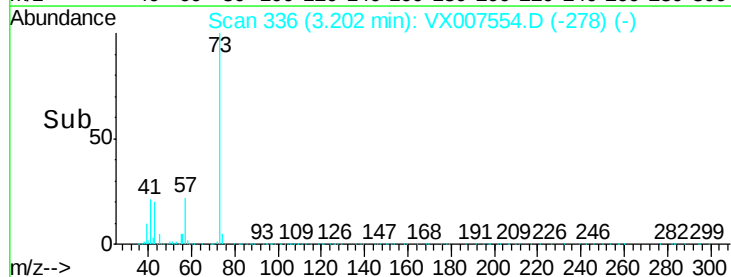
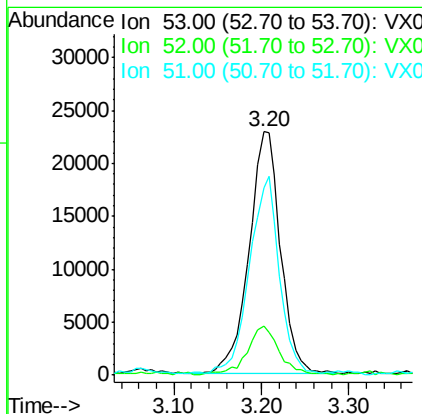
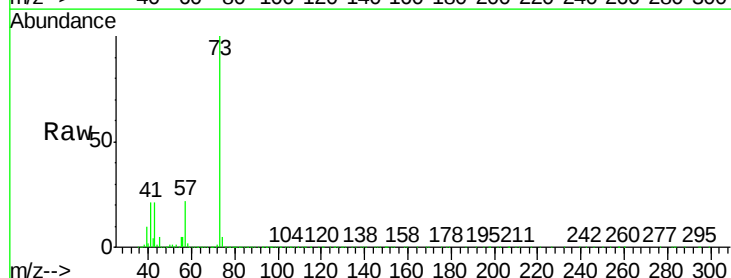
RT: 3.20 min Scan# 336

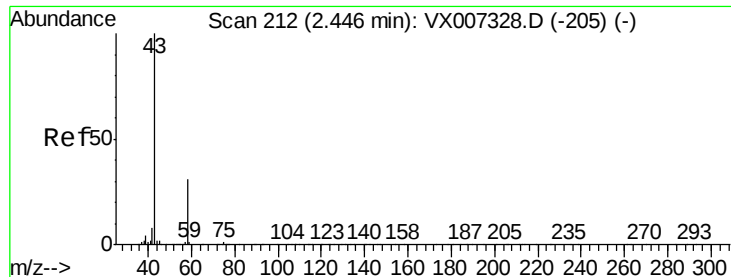
Delta R.T. 0.05 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Tgt Ion:	53	Resp:	57353
Ion	Ratio	Lower	Upper
53	100		
52	20.6	66.4	99.6#
51	76.9	28.4	42.6#





#16

Acetone

Concen: 5.984 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

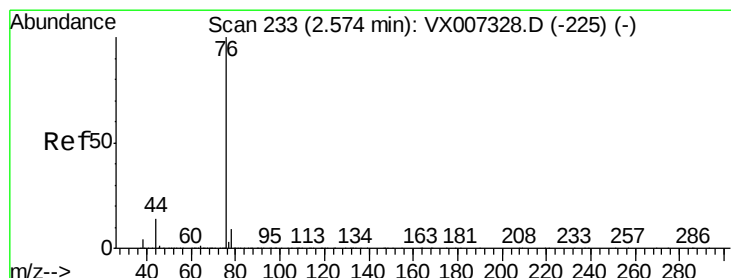
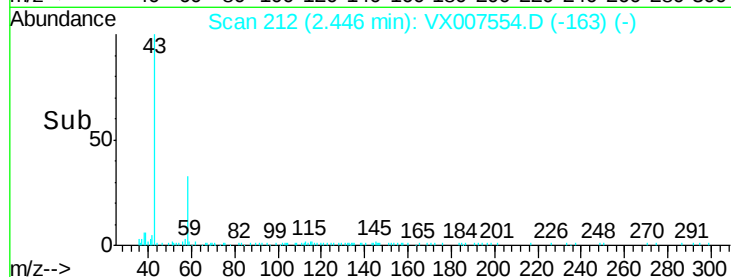
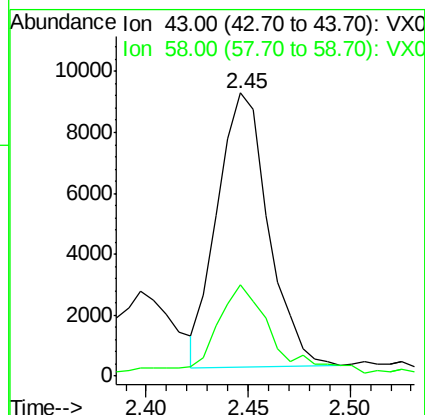
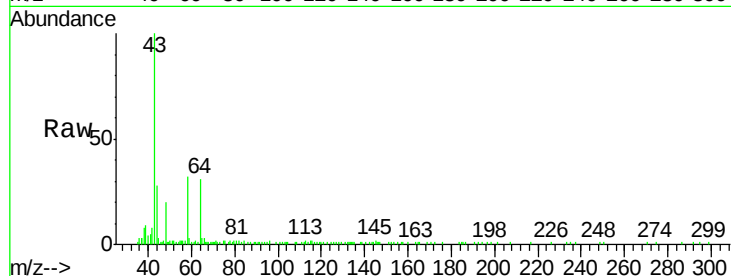
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 15640

Ion Ratio Lower Upper

43 100

58 30.3 24.9 37.3



#17

Carbon Disulfide

Concen: 2.448 ug/l

RT: 2.59 min Scan# 235

Delta R.T. 0.01 min

Lab File: VX007554.D

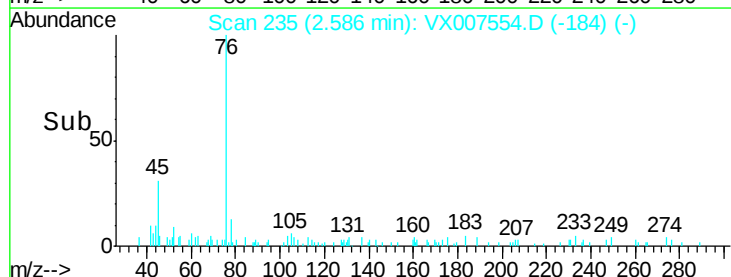
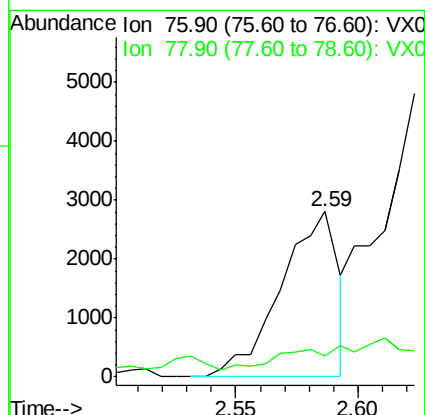
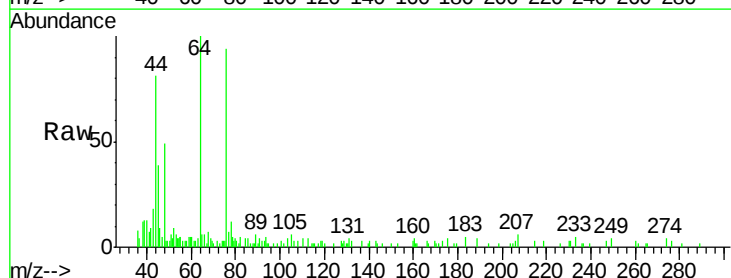
Acq: 14 Feb 2019 19:01

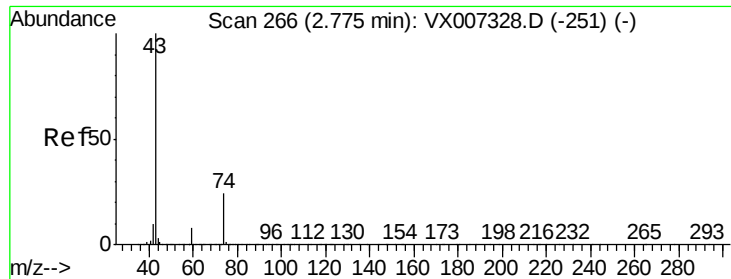
Tgt Ion: 76 Resp: 4587

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

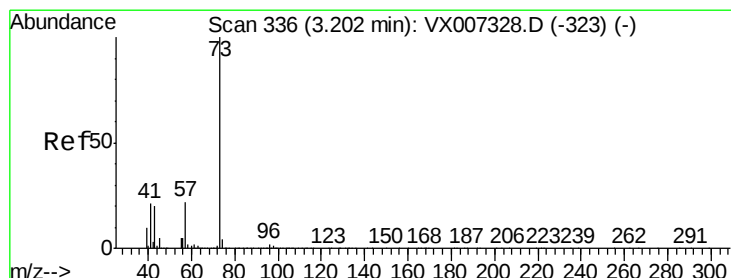
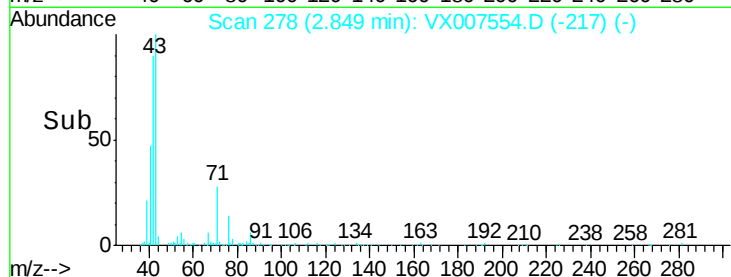
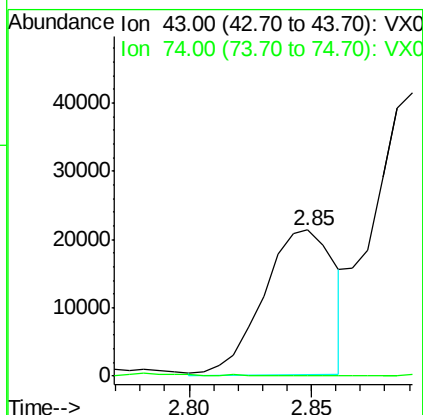
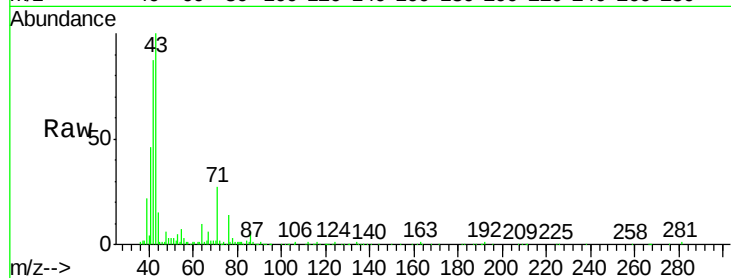




#18
Methyl Acetate
Concen: 6.837 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

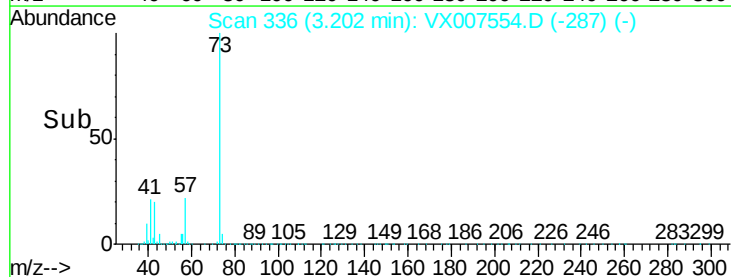
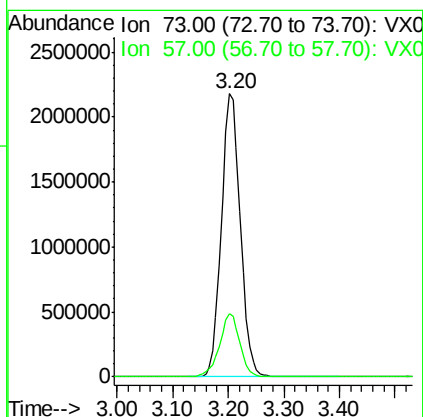
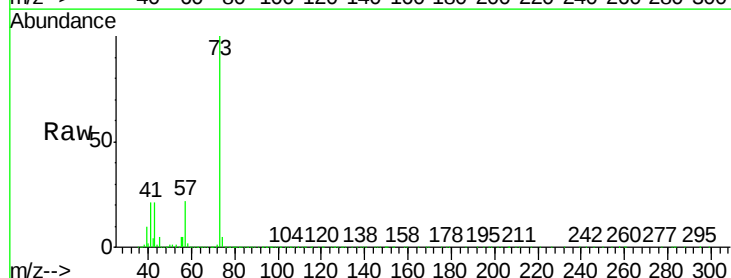
Instrument :
MSVOA_X
ClientSampled :

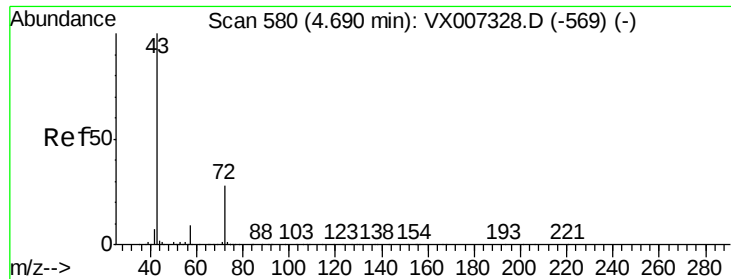
Tot Ion: 43 Resp: 43036
Ion Ratio Lower Upper
43 100
74 0.2 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 307.698 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

Tgt Ion: 73 Resp: 5116823
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8





#25

2-Butanone

Concen: 1.620 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

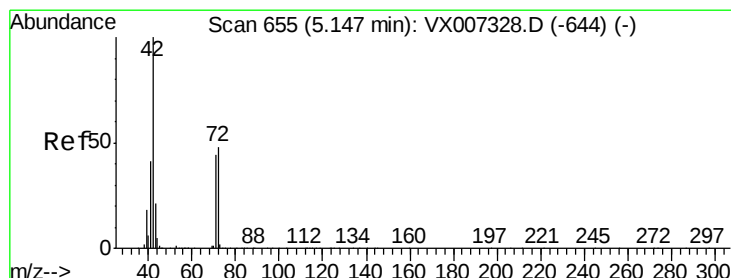
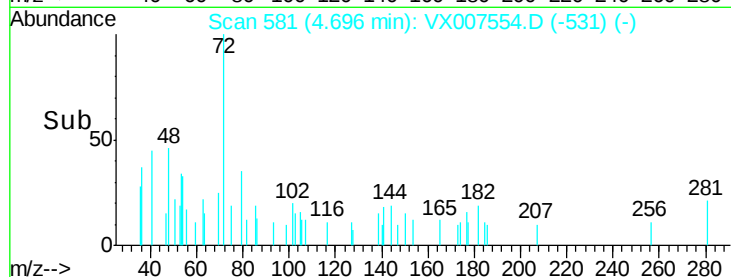
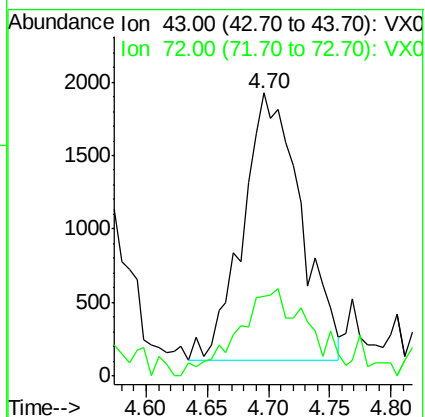
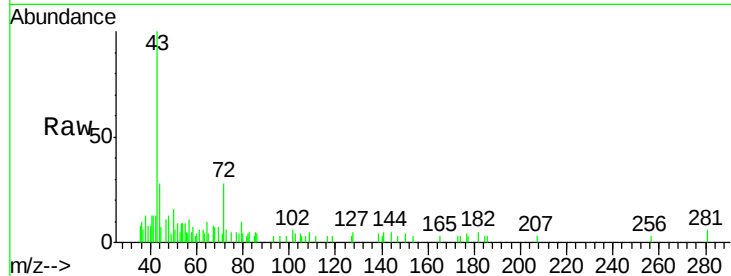
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 6026

Ion Ratio Lower Upper

43 100

72 24.7 22.2 33.2



#29

Tetrahydrofuran

Concen: 4.902 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

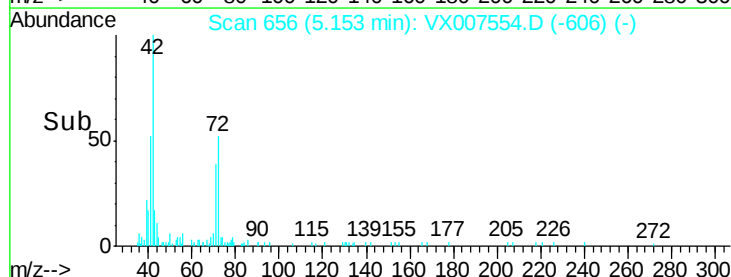
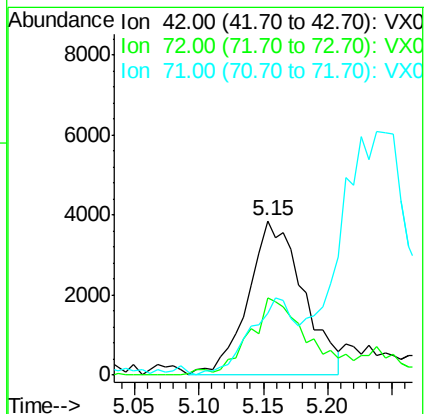
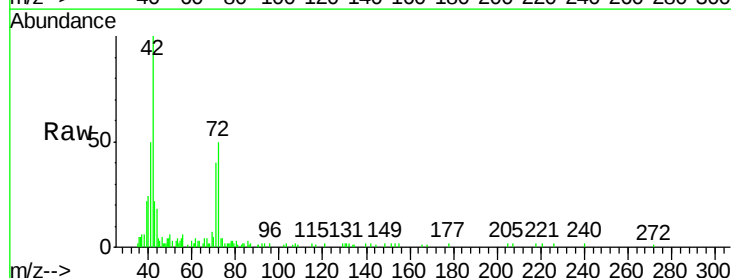
Tgt Ion: 42 Resp: 11469

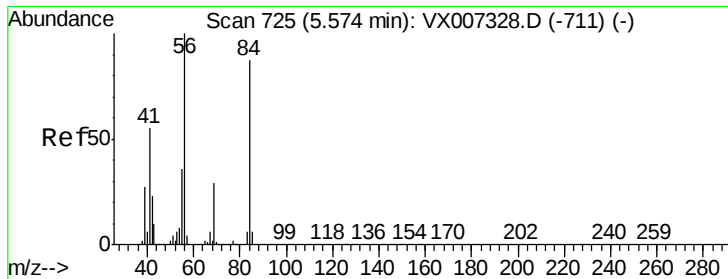
Ion Ratio Lower Upper

42 100

72 53.8 37.6 56.4

71 40.1 34.6 51.8

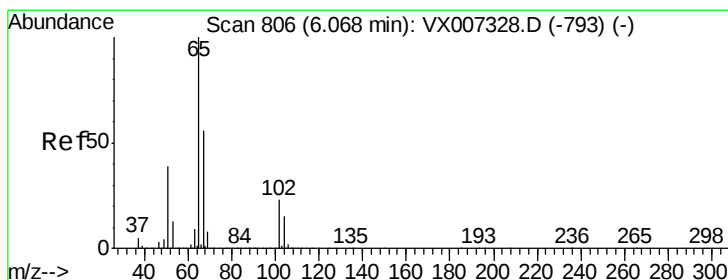
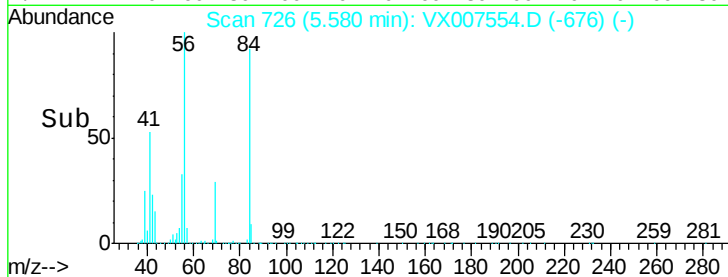
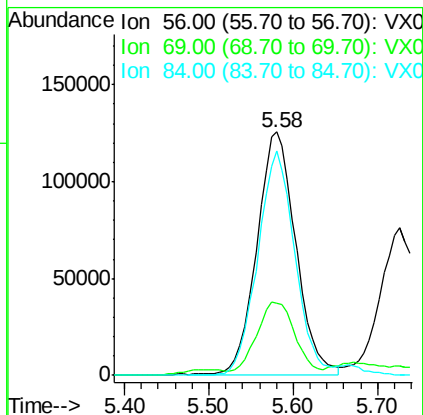
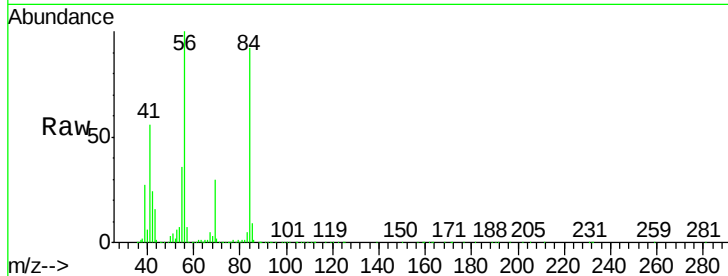




#31
Cyclohexane
Concen: 49.987 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

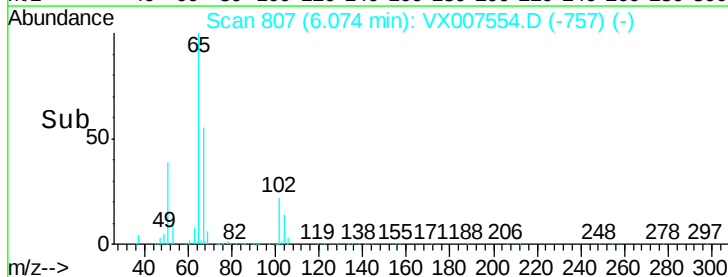
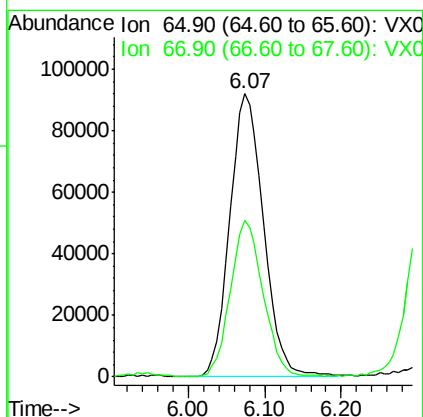
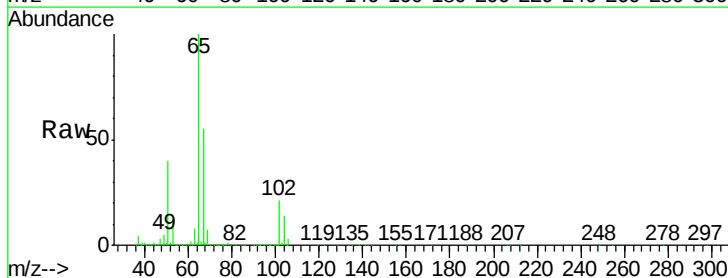
Instrument :
MSVOA_X
ClientSampleId :

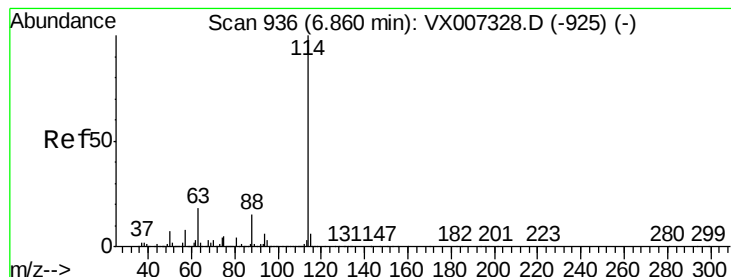
Tot Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.0	34.6
84	92.3	69.8	104.6



#33
1,2-Dichloroethane-d4
Concen: 49.332 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

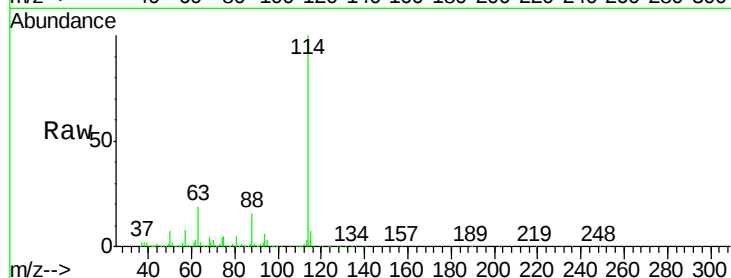
Tot Ion:114 Resp: 814765

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.6

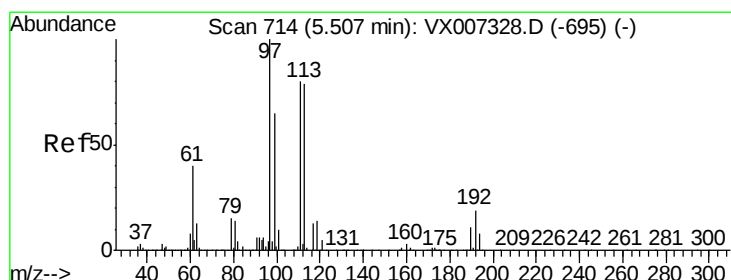
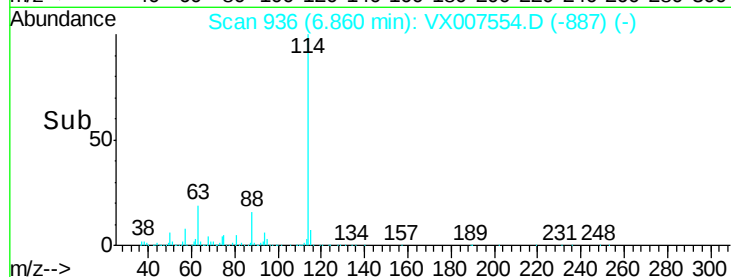
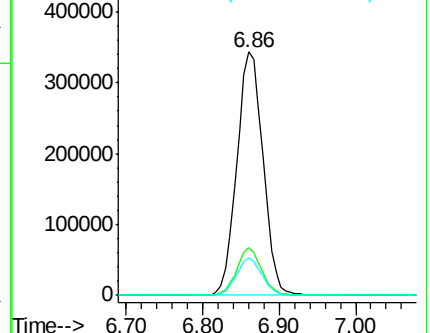
88 15.6 0.0 29.6



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: 48.880 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

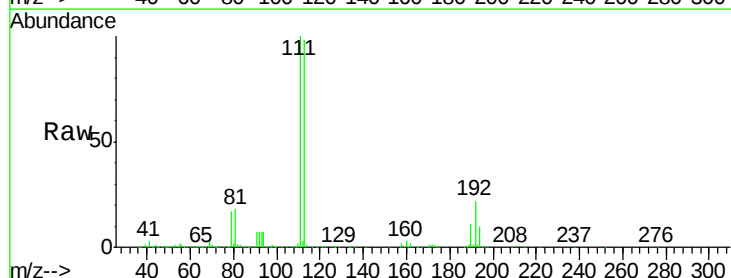
Tgt Ion:113 Resp: 259132

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

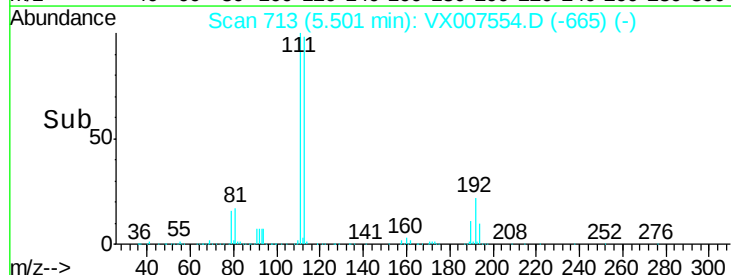
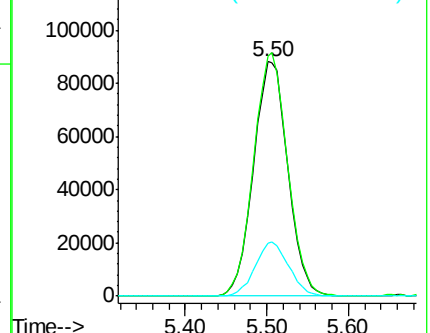
192 22.5 18.5 27.7

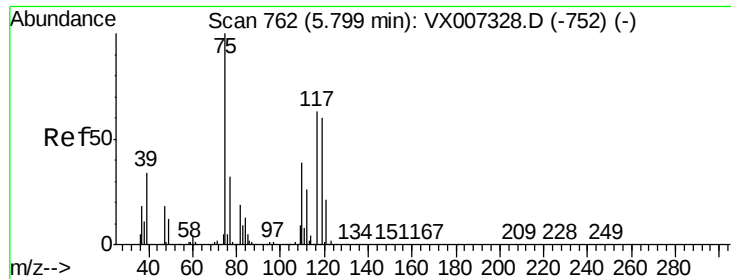


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

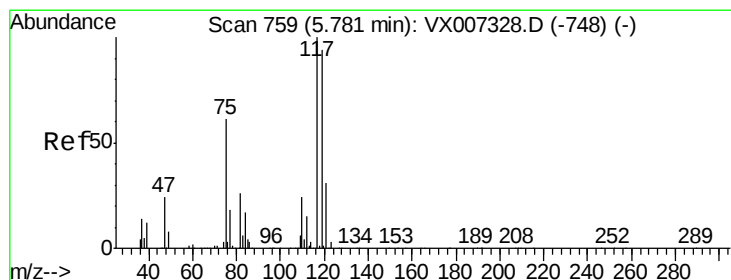
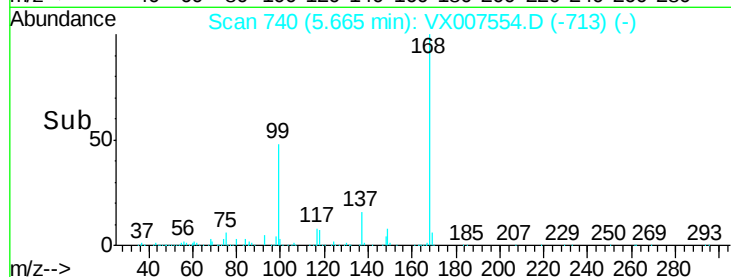
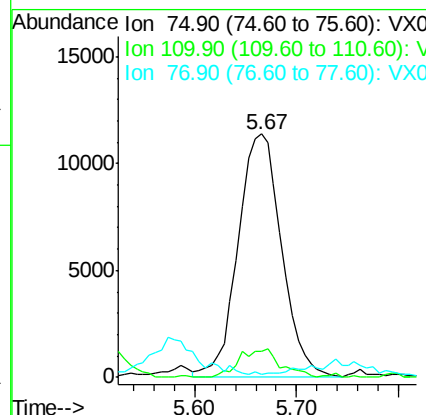
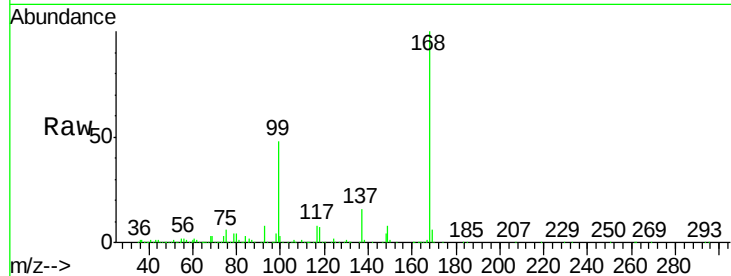




#36
 1,1-Dichloropropene
 Concen: 4.623 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007554.D
 Acq: 14 Feb 2019 19:01

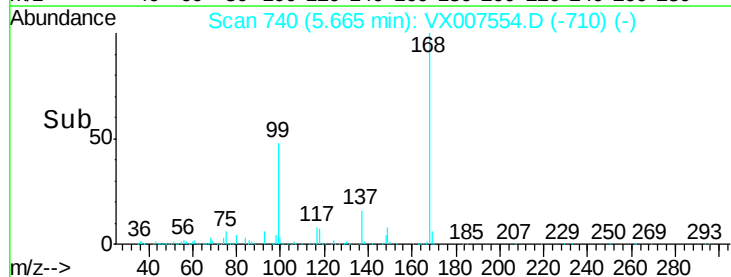
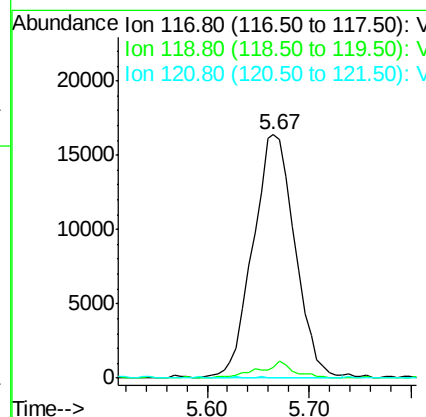
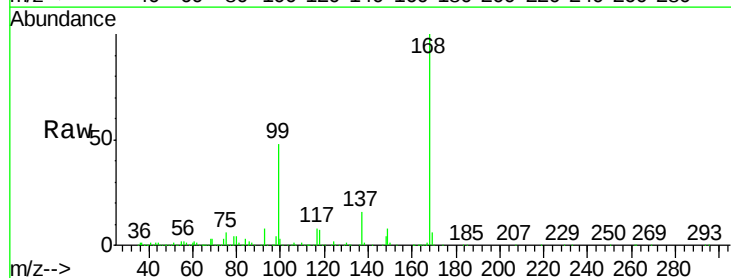
Instrument :
 MSVOA_X
 ClientSampleId :

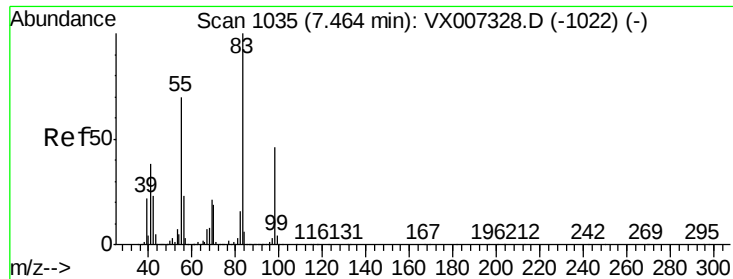
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.1	20.0	59.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.630 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007554.D
 Acq: 14 Feb 2019 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.3	112.9#
121	0.0	25.0	37.4#

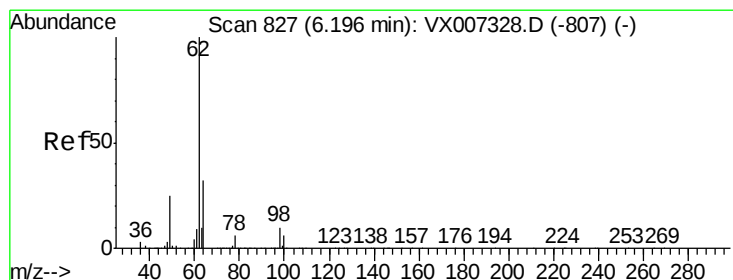
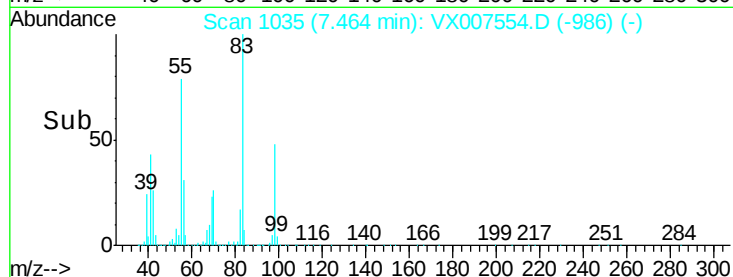
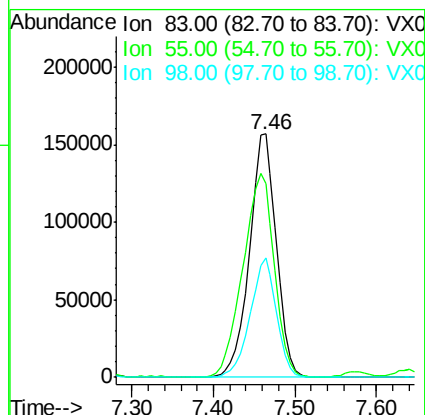
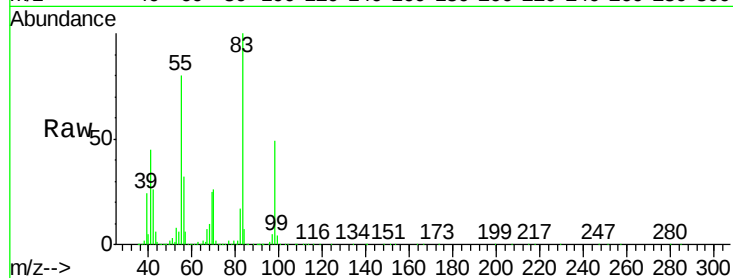




#39
Methvlcvclohexane
Concen: 40.914 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

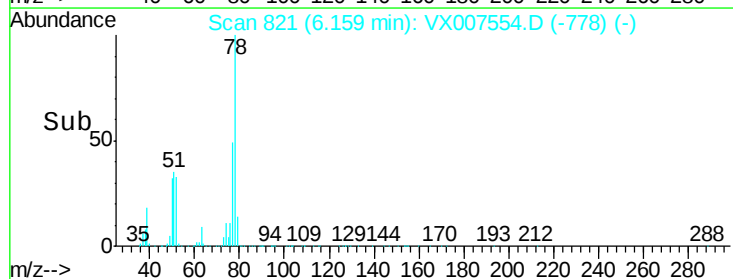
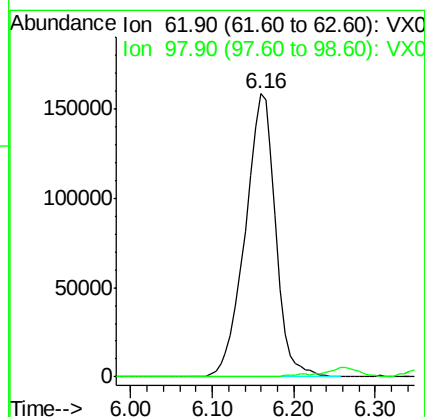
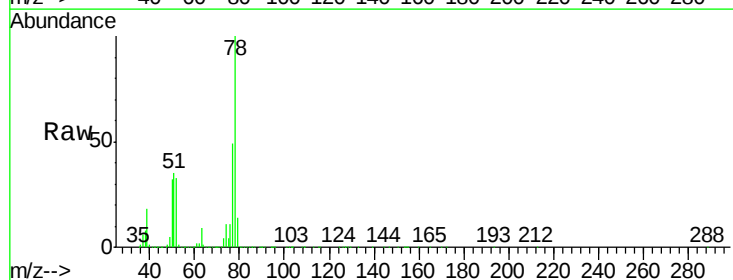
Instrument :
MSVOA_X
ClientSampled :

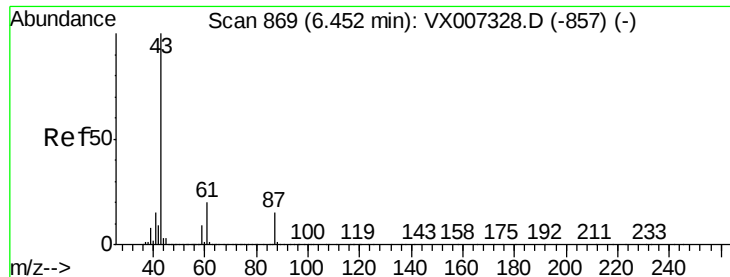
Tot Ion: 83 Resp: 361874
Ion Ratio Lower Upper
83 100
55 79.4 56.2 84.2
98 48.8 36.8 55.2



#42
1,2-Dichloroethane
Concen: 55.269 ug/l
RT: 6.16 min Scan# 821
Delta R.T. -0.04 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

Tgt Ion: 62 Resp: 411794
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.0





#43

Isopropyl Acetate

Concen: 2.485 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

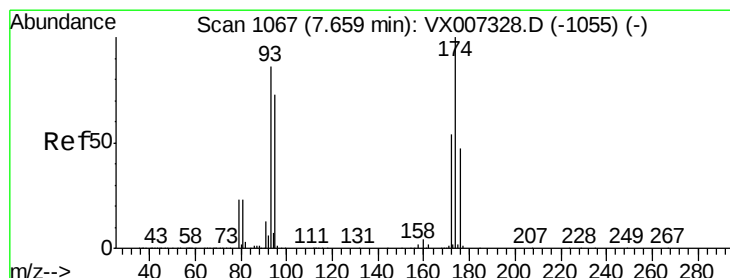
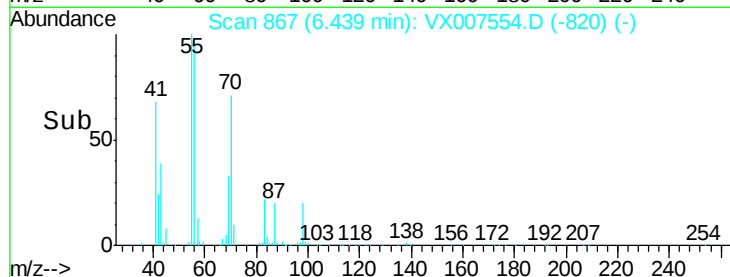
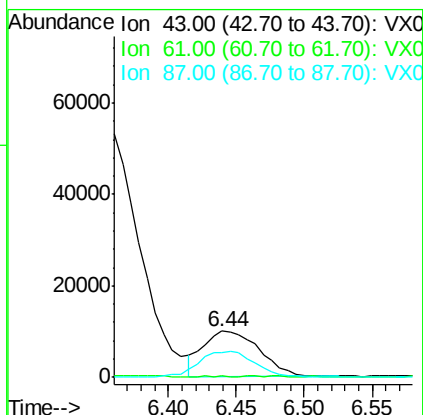
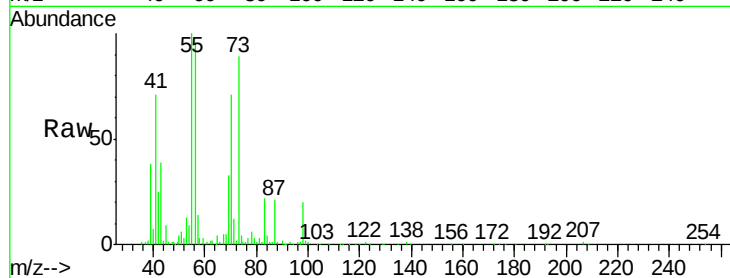
Tot Ion: 43 Resp: 28344

Ion Ratio Lower Upper

43 100

61 0.0 16.1 24.1#

87 59.0 11.5 17.3#



#46

Dibromomethane

Concen: 0.342 ug/l

RT: 7.63 min Scan# 1063

Delta R.T. -0.02 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

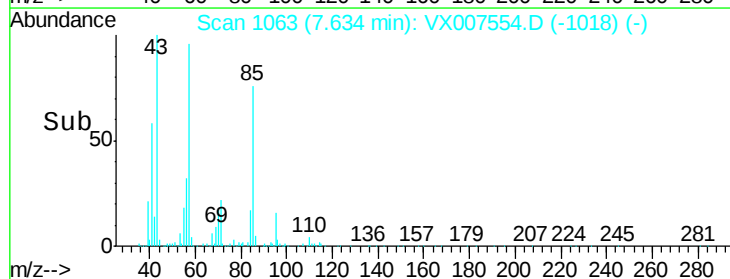
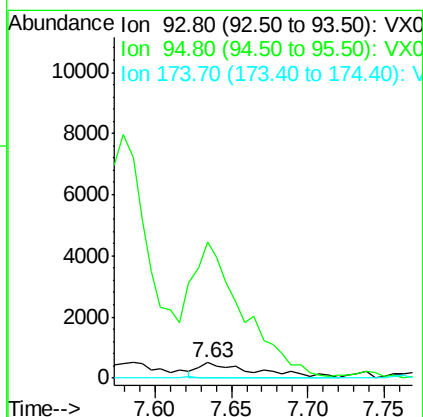
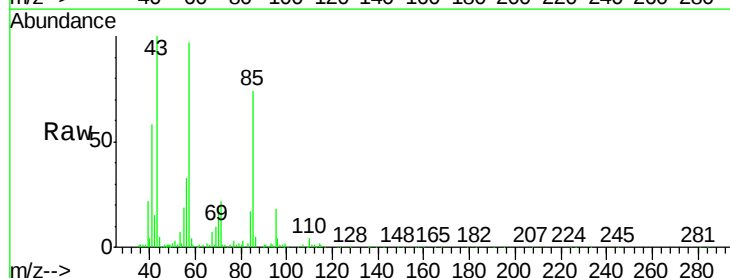
Tgt Ion: 93 Resp: 1343

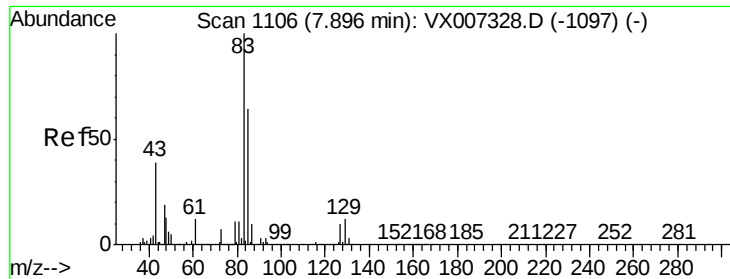
Ion Ratio Lower Upper

93 100

95 787.4 67.6 101.4#

174 1.4 94.2 141.4#





#47

Bromodichloromethane

Concen: 0.640 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

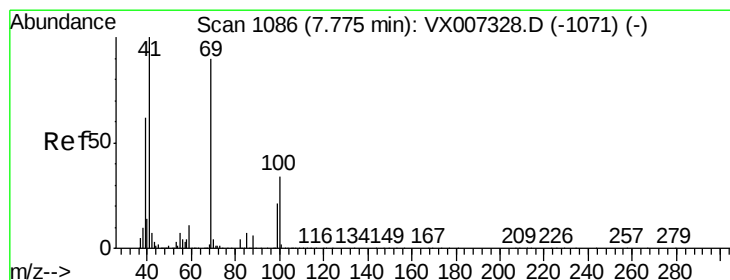
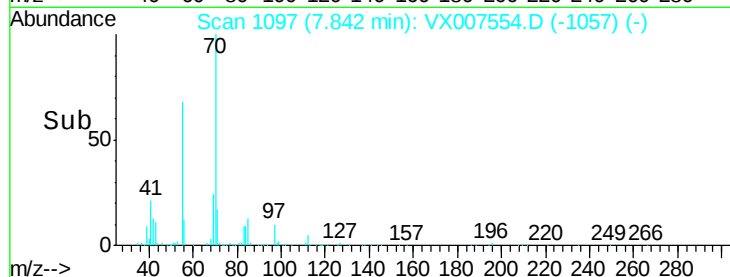
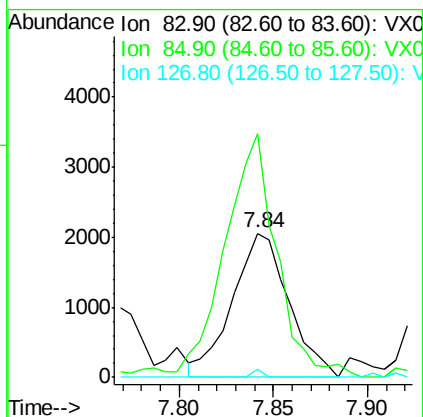
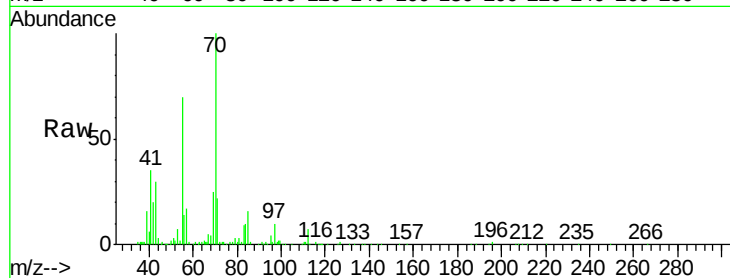
Tot Ion: 83 Resp: 4252

Ion Ratio Lower Upper

83 100

85 159.2 51.4 77.0#

127 6.0 8.1 12.1#



#48

Methyl methacrylate

Concen: 8.566 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

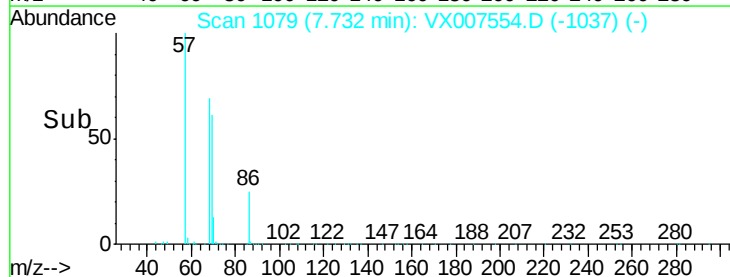
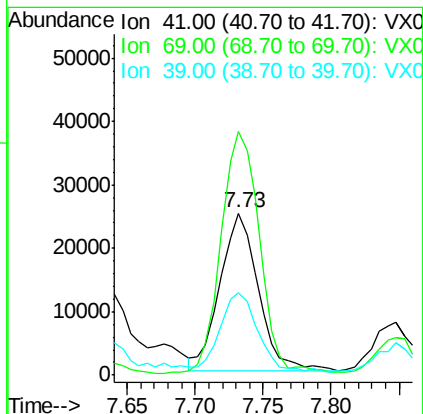
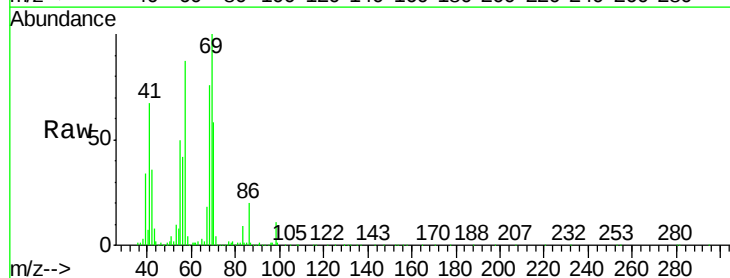
Tgt Ion: 41 Resp: 48873

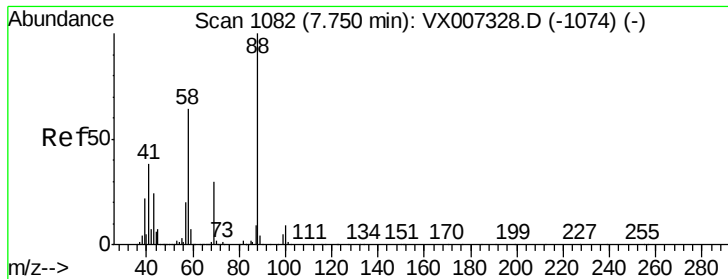
Ion Ratio Lower Upper

41 100

69 155.4 70.2 105.4#

39 48.5 47.4 71.0





#49

1,4-Dioxane

Concen: 10.675 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.02 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

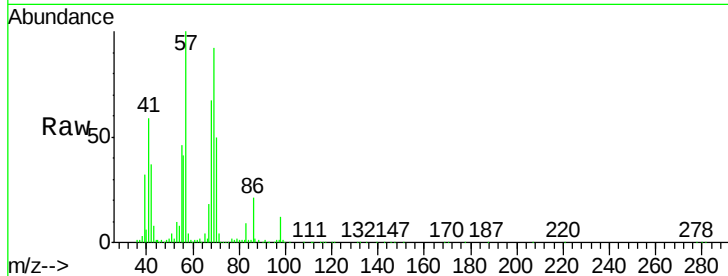
Tot Ion: 88 Resp: 496

Ion Ratio Lower Upper

88 100

43 1051.2 24.2 36.4#

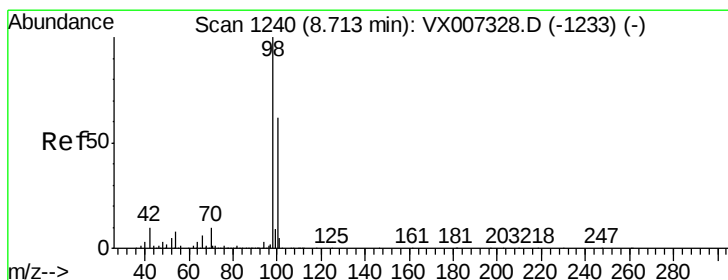
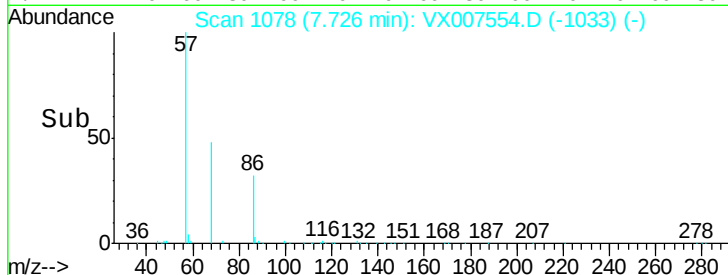
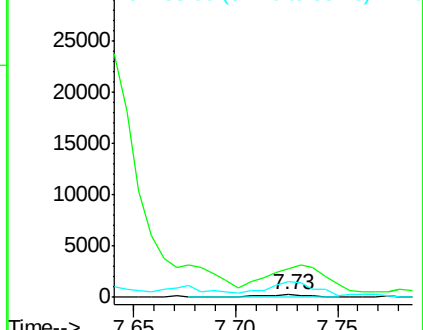
58 401.8 53.0 79.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.038 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007554.D

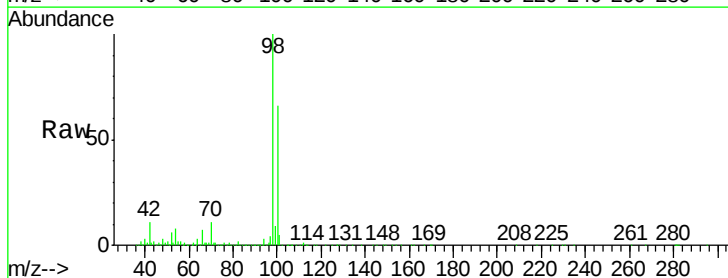
Acq: 14 Feb 2019 19:01

Tgt Ion: 98 Resp: 984207

Ion Ratio Lower Upper

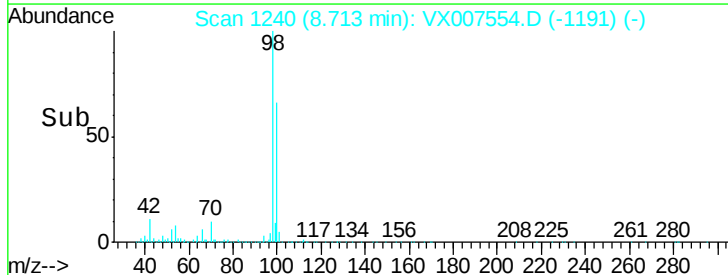
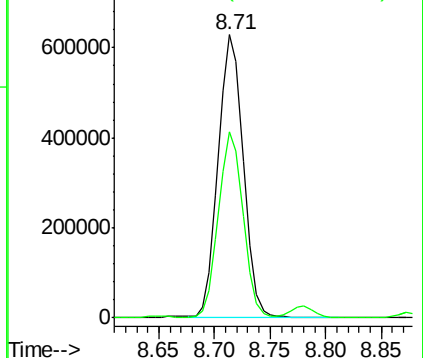
98 100

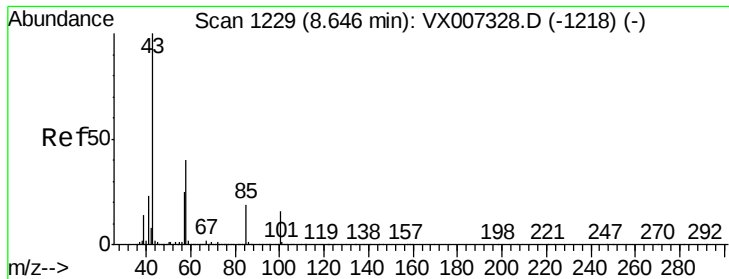
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 6.914 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

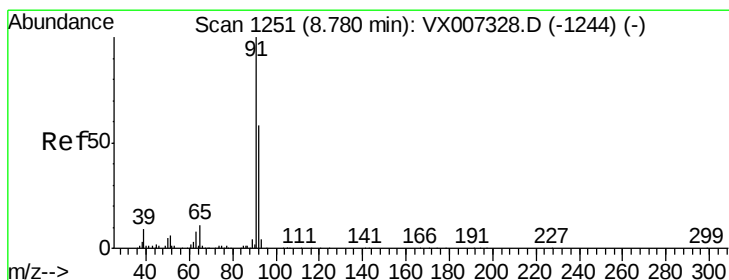
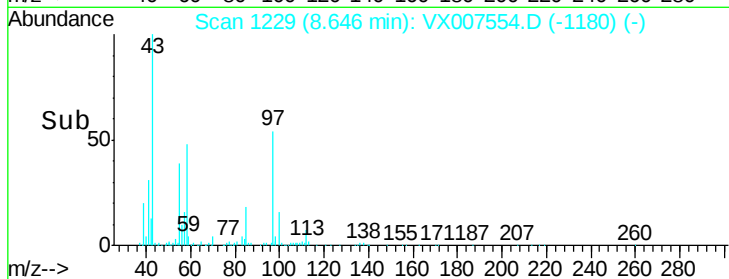
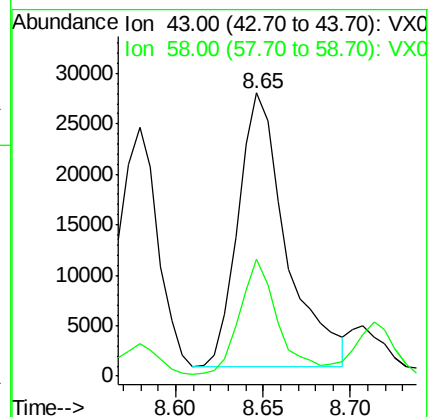
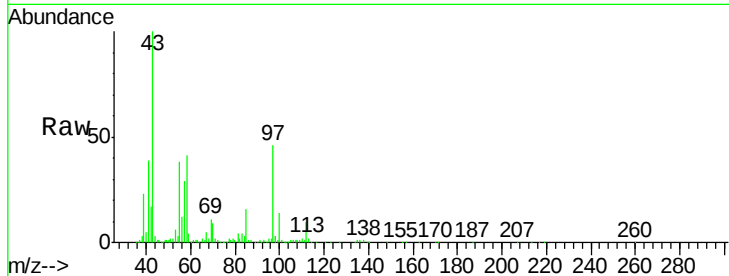
ClientSampled :

Tot Ion: 43 Resp: 51916

Ion Ratio Lower Upper

43 100

58 32.9 31.2 46.8



#52

Toluene

Concen: 0.552 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007554.D

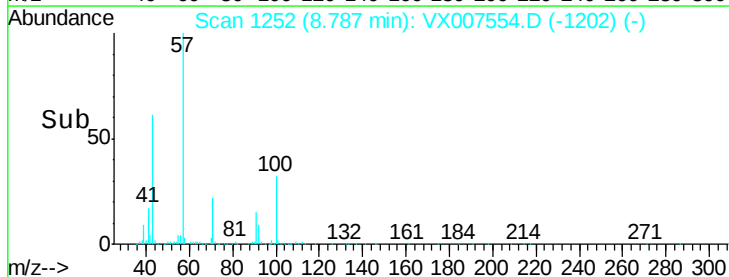
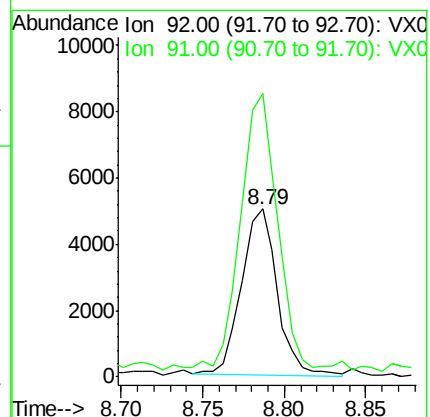
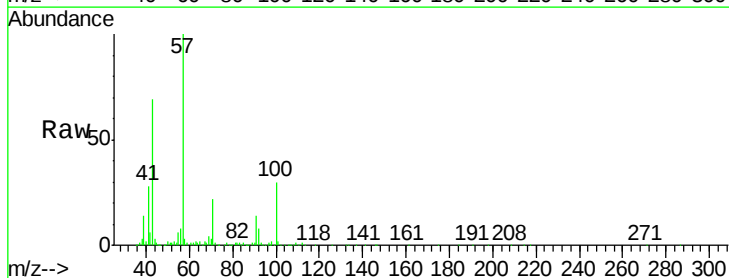
Acq: 14 Feb 2019 19:01

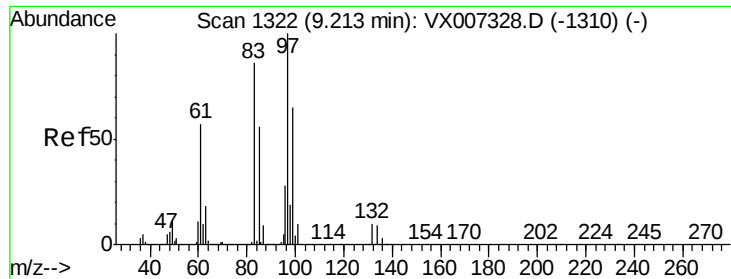
Tgt Ion: 92 Resp: 7666

Ion Ratio Lower Upper

92 100

91 165.6 139.1 208.7

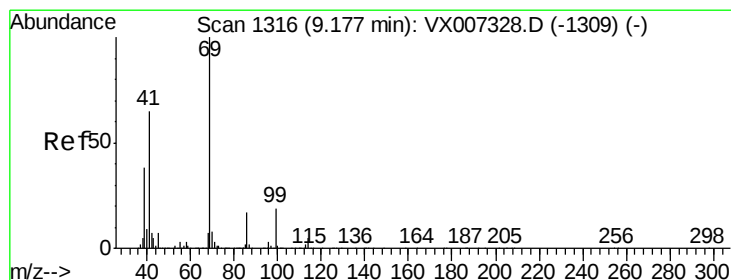
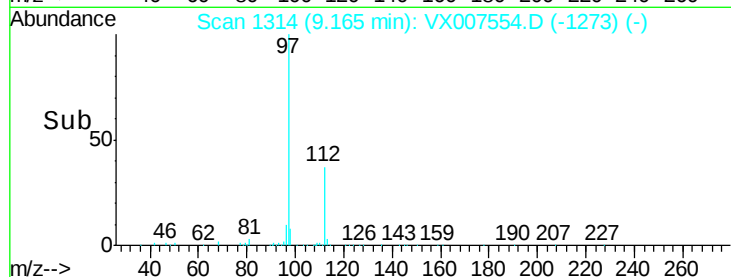
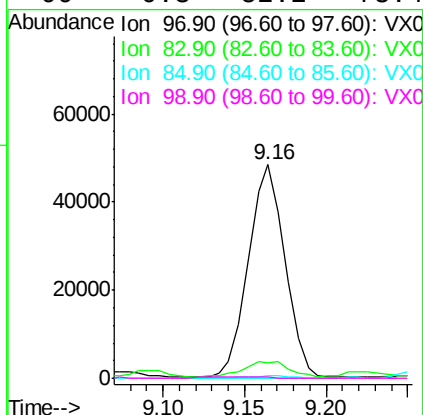
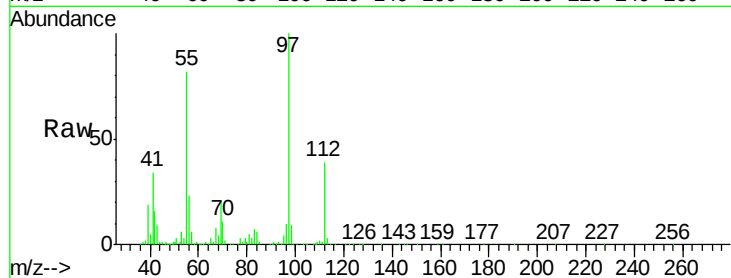




#55
 1,1,2-Trichloroethane
 Concen: 13.108 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX007554.D
 Acq: 14 Feb 2019 19:01

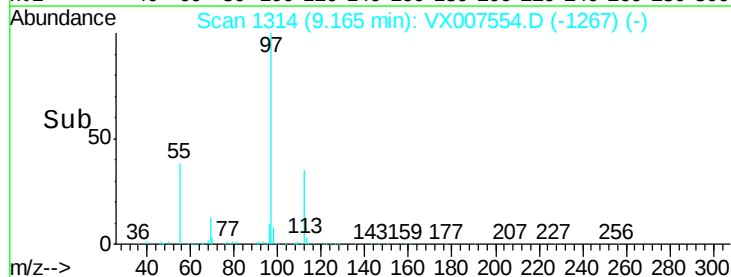
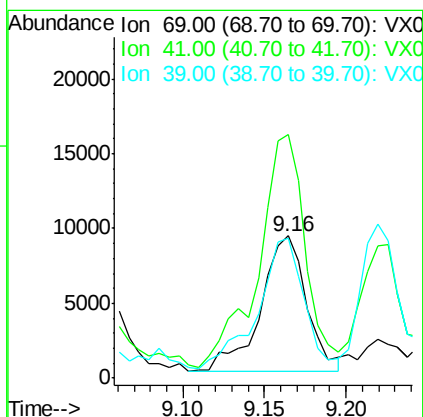
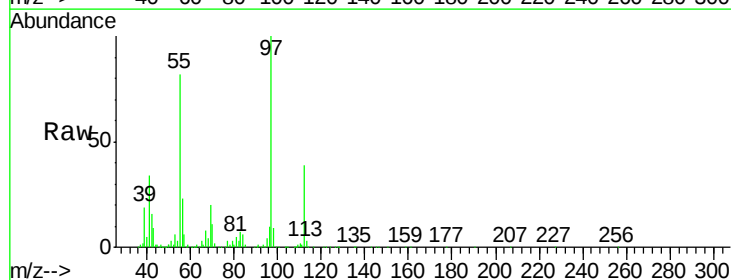
Instrument :
 MSVOA_X
 ClientSampleId :

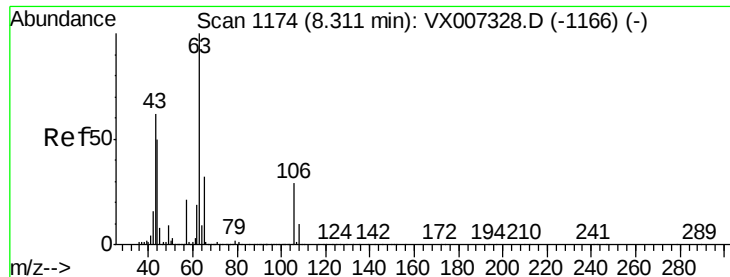
Tot Ion: 97 Resp: 75917
 Ion Ratio Lower Upper
 97 100
 83 7.0 68.6 102.8#
 85 1.2 44.5 66.7#
 99 0.3 52.2 78.4#



#56
 Ethyl methacrylate
 Concen: 2.201 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX007554.D
 Acq: 14 Feb 2019 19:01

Tgt Ion: 69 Resp: 17658
 Ion Ratio Lower Upper
 69 100
 41 176.2 52.1 78.1#
 39 96.1 30.1 45.1#

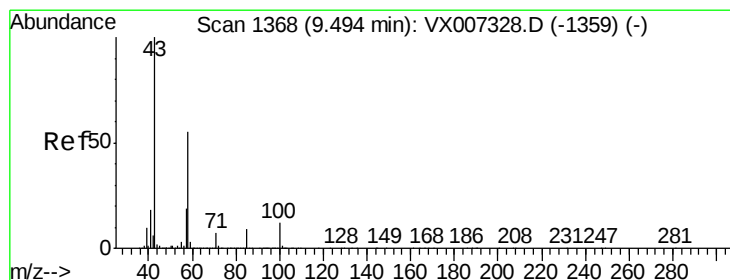
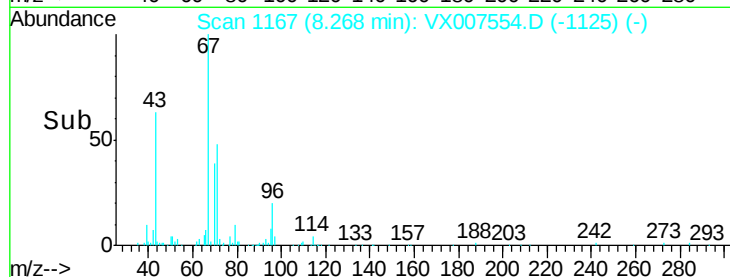
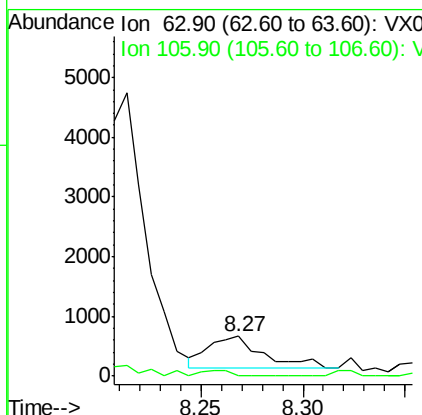
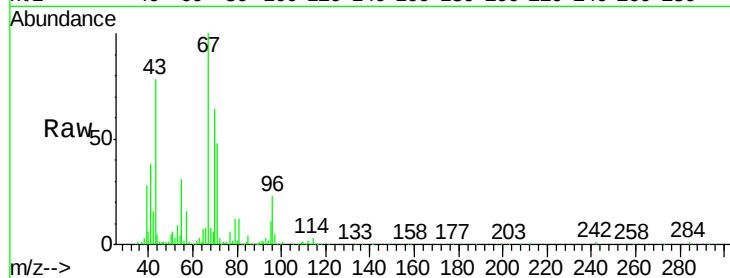




#58
2-Chloroethyl Vinyl ether
Concen: 0.237 ug/l
RT: 8.27 min Scan# 1167
Delta R.T. -0.04 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

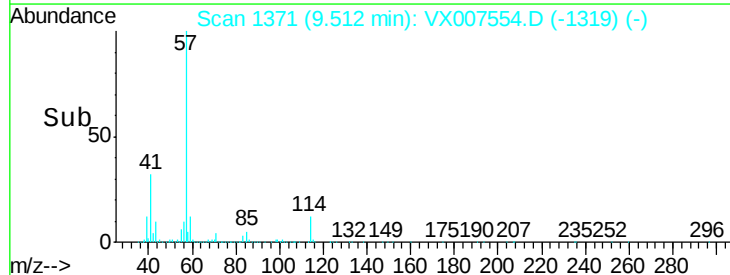
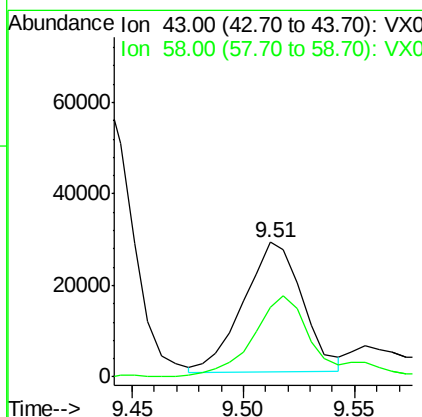
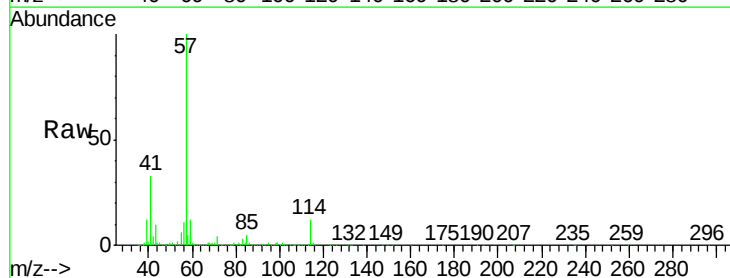
Instrument :
MSVOA_X
ClientSampled :

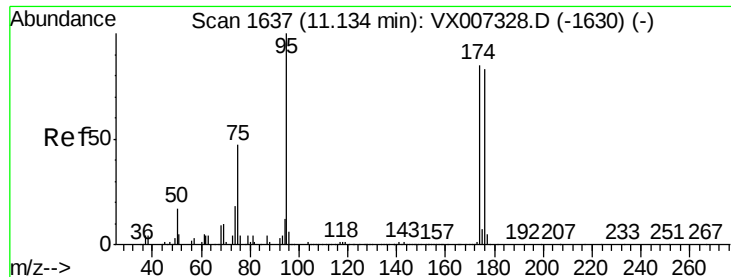
Tot Ion: 63 Resp: 1002
Ion Ratio Lower Upper
63 100
106 9.3 23.6 35.4#



#59
2-Hexanone
Concen: 8.979 ug/l
RT: 9.51 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

Tgt Ion: 43 Resp: 52463
Ion Ratio Lower Upper
43 100
58 64.9 27.1 81.3

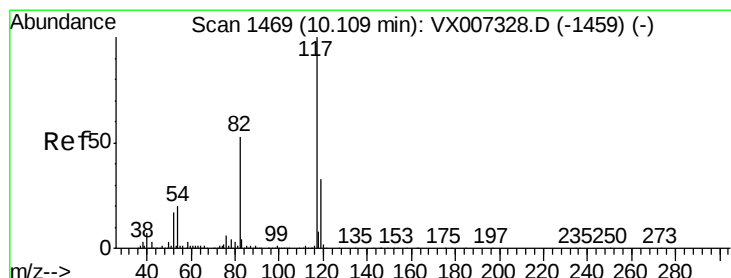
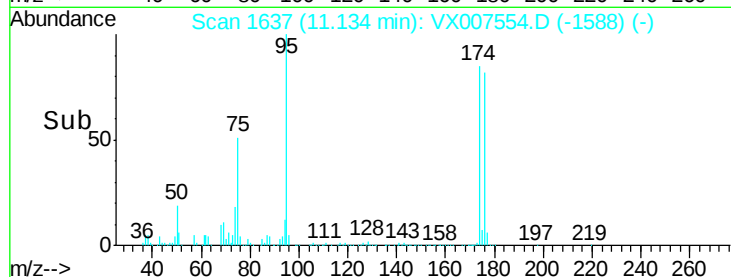
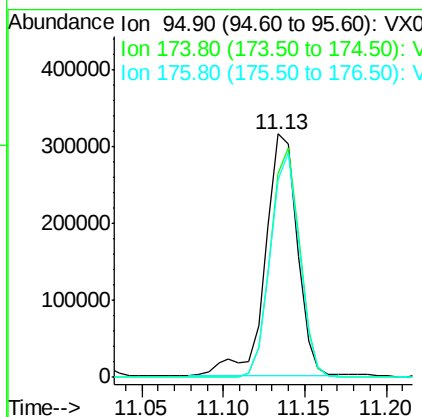
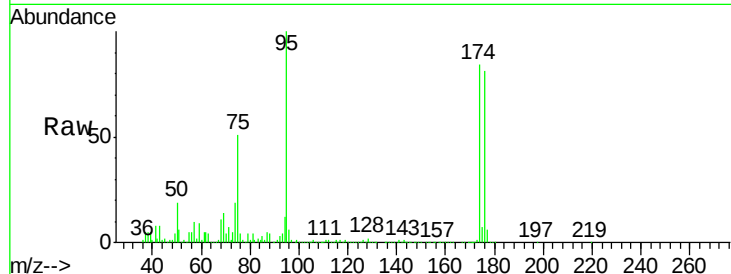




#62
4-Bromofluorobenzene
Concen: 59.471 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

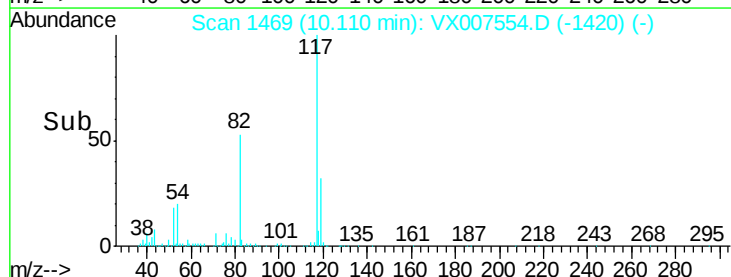
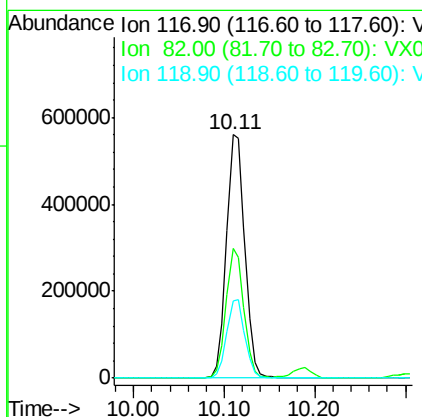
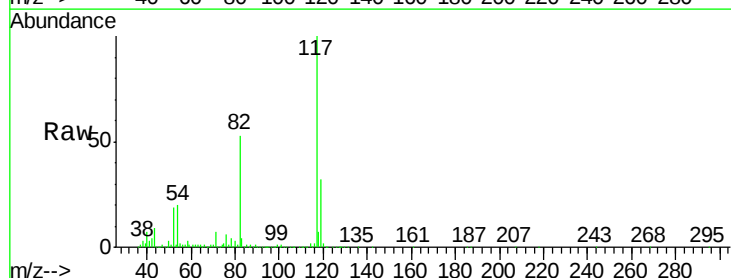
Instrument :
MSVOA_X
ClientSampleId :

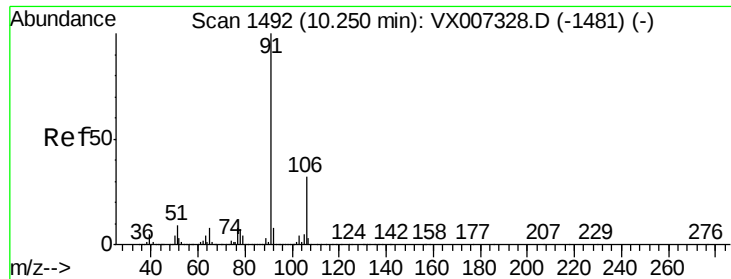
Tot Ion: 95 Resp: 427073
Ion Ratio Lower Upper
95 100
174 86.5 0.0 189.2
176 84.3 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

Tgt Ion: 117 Resp: 788247
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 31.7 26.5 39.7





#67

Ethyl Benzene

Concen: 705.590 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

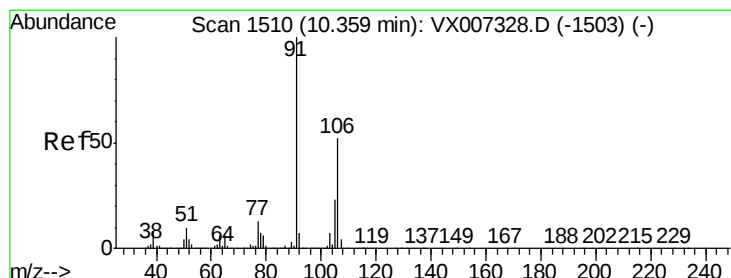
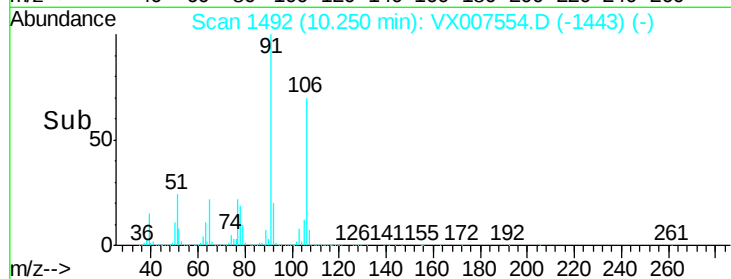
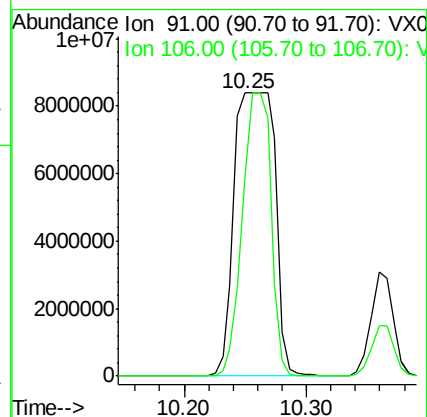
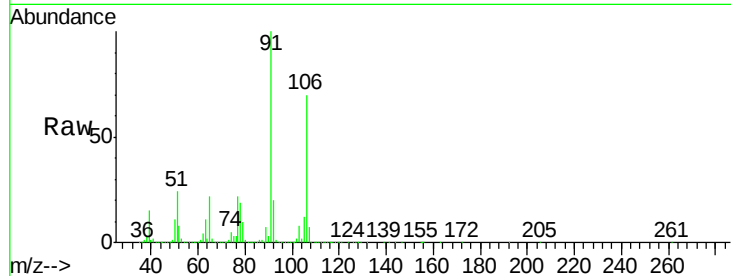
ClientSampled :

Tot Ion: 91 Resp:19544998

Ion Ratio Lower Upper

91 100

106 70.2 25.4 38.0#



#68

m/p-Xylenes

Concen: 175.769 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007554.D

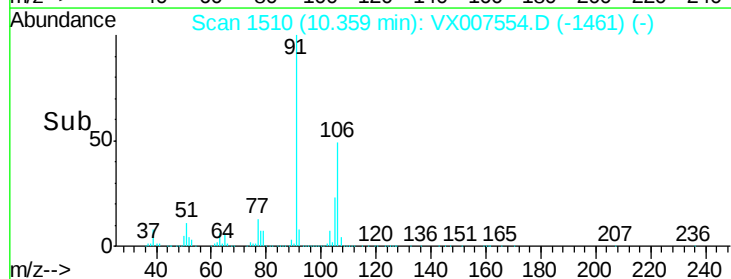
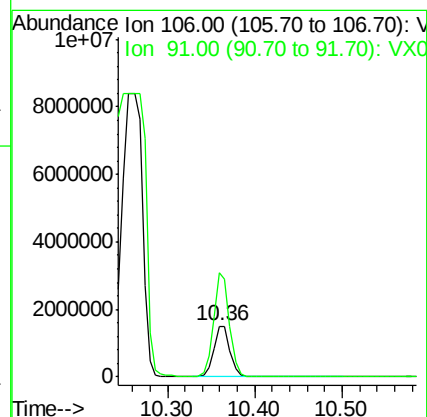
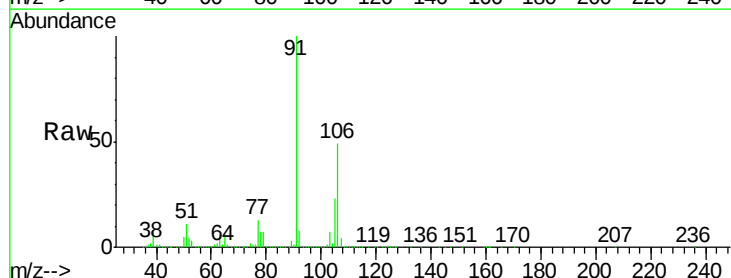
Acq: 14 Feb 2019 19:01

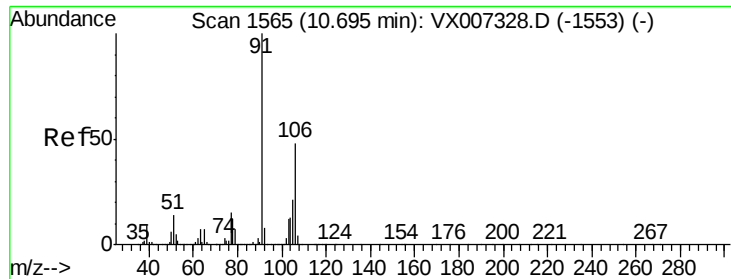
Tgt Ion:106 Resp: 1935426

Ion Ratio Lower Upper

106 100

91 200.3 156.6 234.8

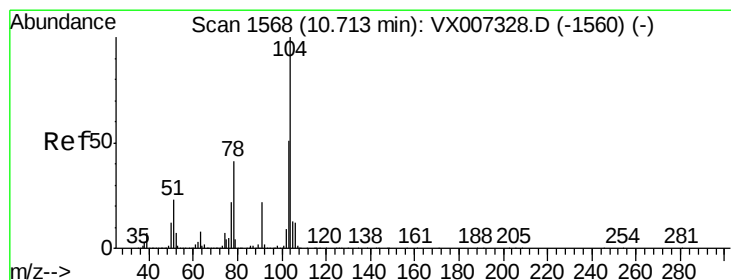
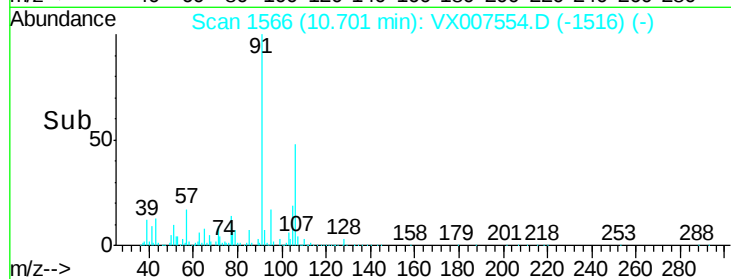
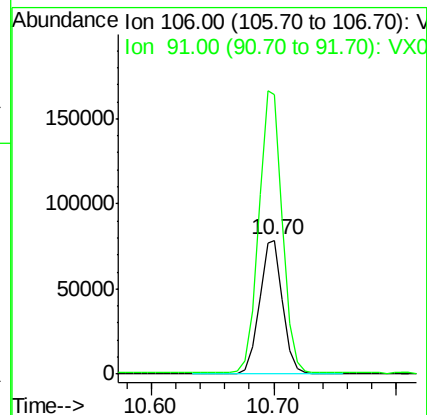
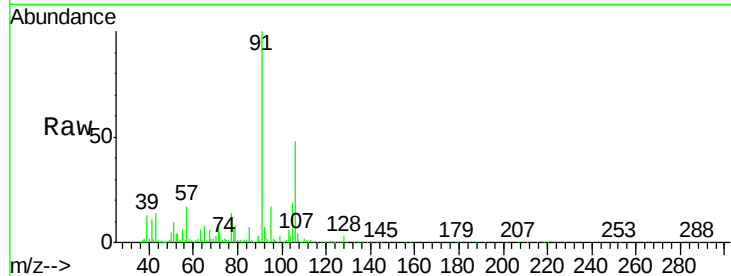




#69
o-Xylene
Concen: 9.705 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

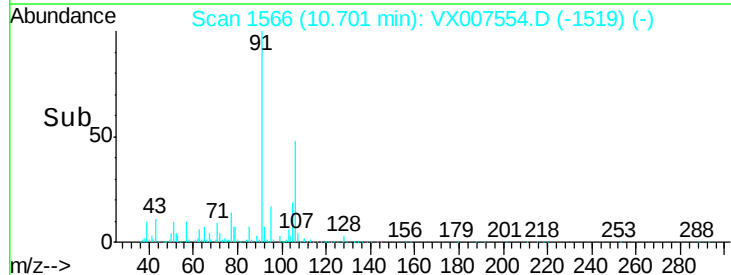
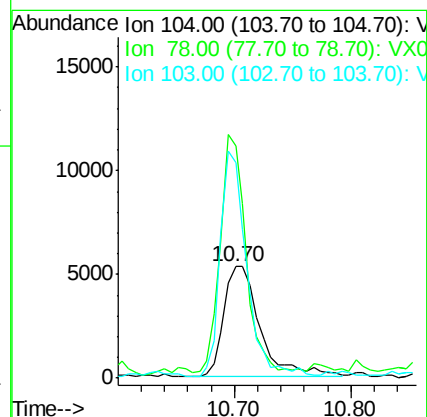
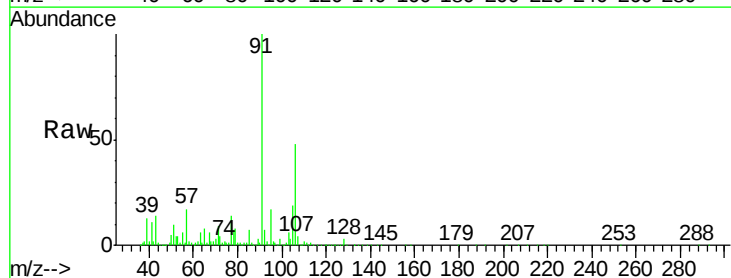
Instrument :
MSVOA_X
ClientSampleId :

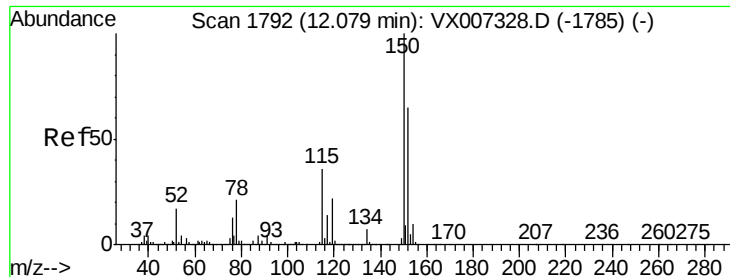
Tot Ion:106 Resp: 102826
Ion Ratio Lower Upper
106 100
91 215.7 102.9 308.7



#70
Styrene
Concen: 0.668 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

Tgt Ion:104 Resp: 11470
Ion Ratio Lower Upper
104 100
78 150.7 38.3 57.5#
103 148.1 44.6 67.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

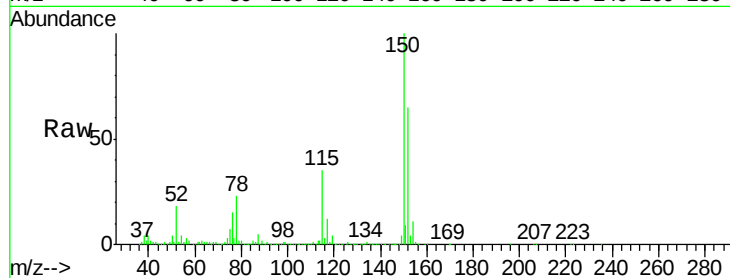
Tot Ion:152 Resp: 443430

Ion Ratio Lower Upper

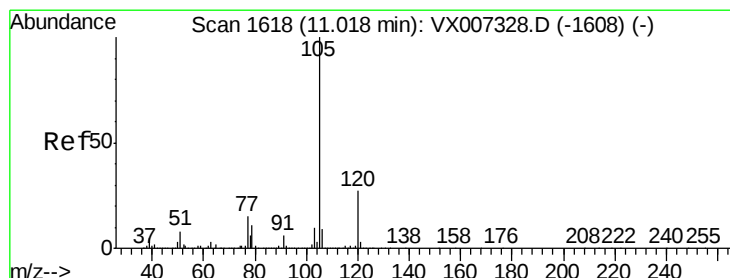
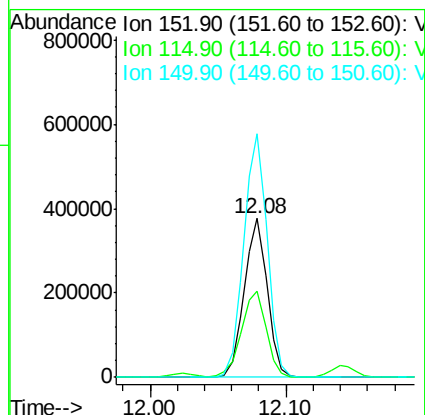
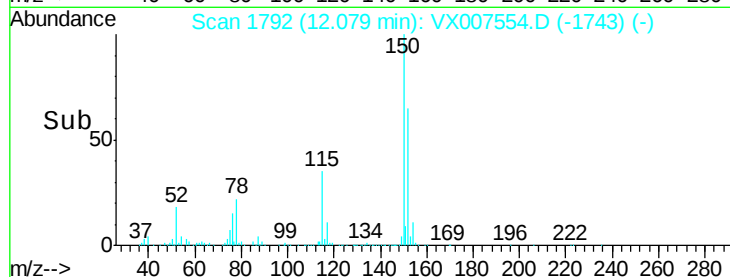
152 100

115 58.5 38.0 114.0

150 156.5 0.0 346.4



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: 219.355 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007554.D

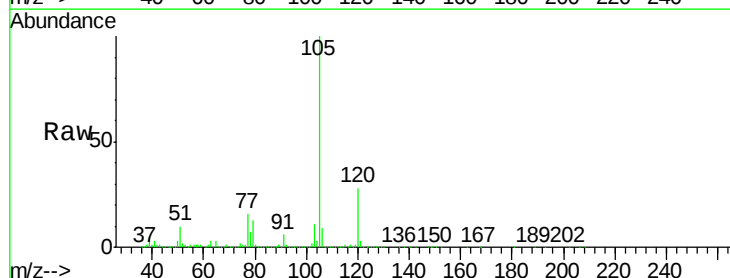
Acq: 14 Feb 2019 19:01

Tgt Ion:105 Resp: 6609920

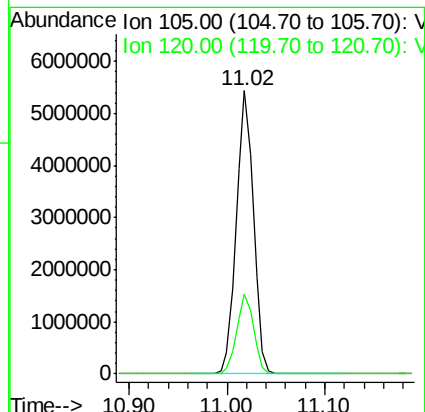
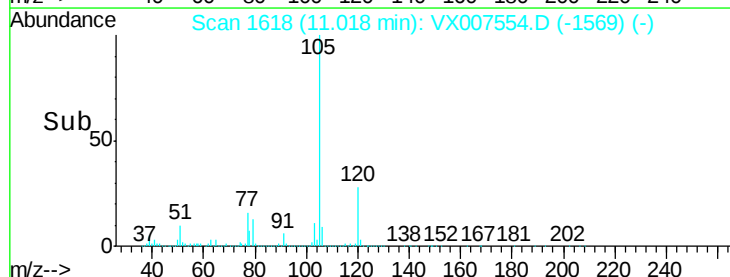
Ion Ratio Lower Upper

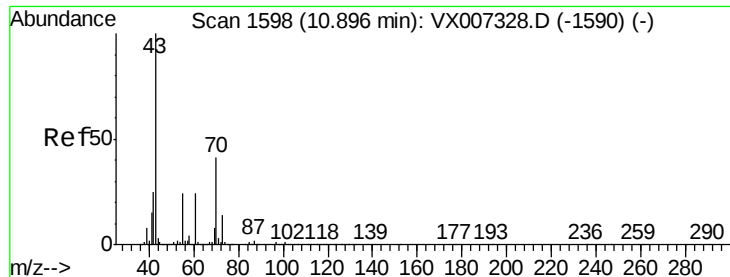
105 100

120 27.9 13.6 40.7



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

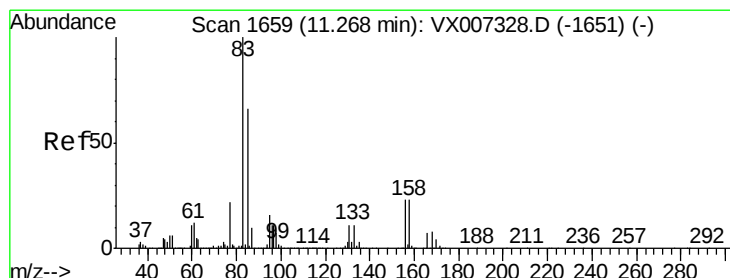
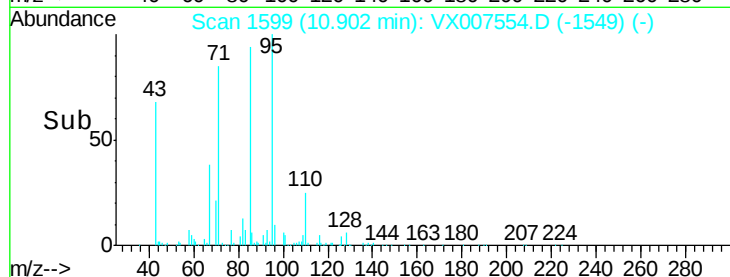
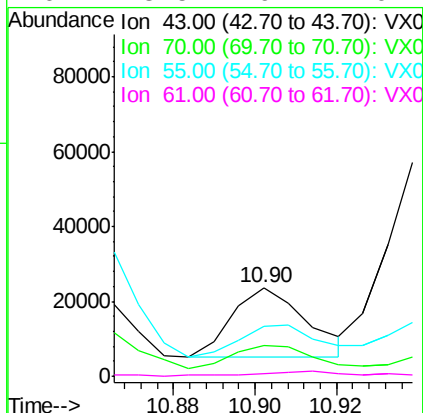
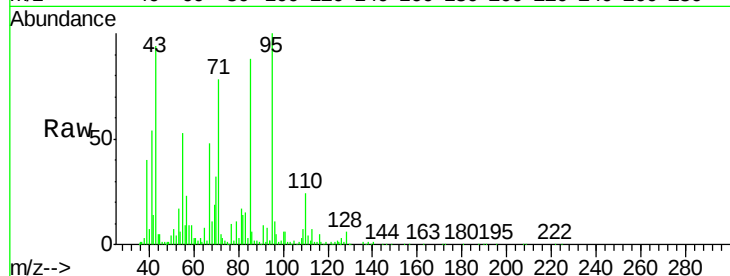




#74
N-amvl acetate
Concen: 2.000 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

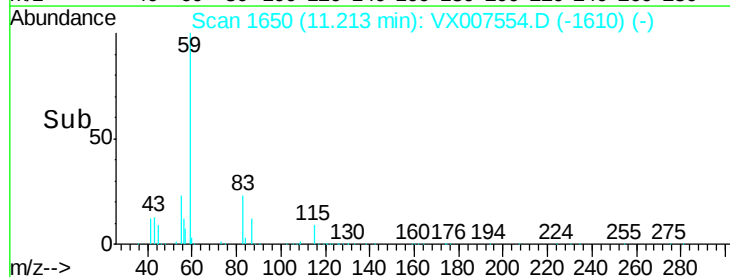
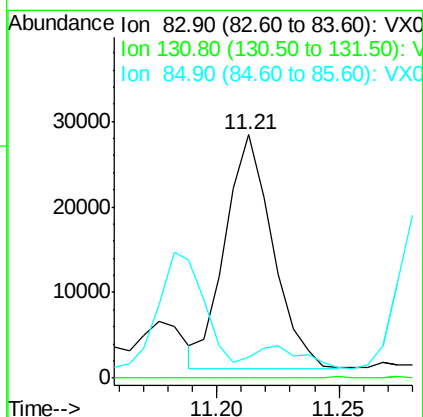
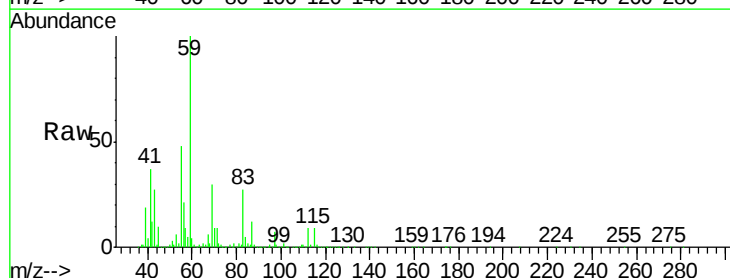
Instrument :
MSVOA_X
ClientSampleId :

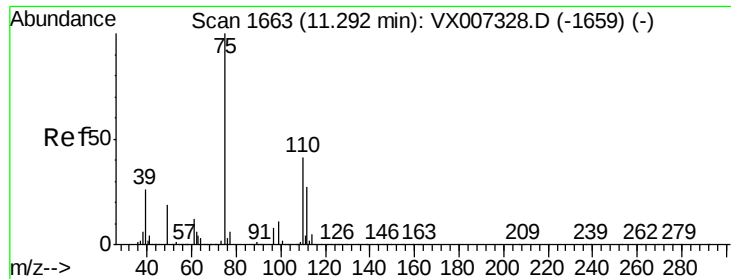
Tot Ion: 43 Resp: 23315
Ion Ratio Lower Upper
43 100
70 36.4 33.8 50.6
55 48.8 19.5 29.3#
61 8.5 19.4 29.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.026 ug/l
RT: 11.21 min Scan# 1650
Delta R.T. -0.05 min
Lab File: VX007554.D
Acq: 14 Feb 2019 19:01

Tgt Ion: 83 Resp: 36972
Ion Ratio Lower Upper
83 100
131 0.0 5.7 17.0#
85 10.8 32.8 98.3#





#76

1,2,3-Trichloropropane

Concen: 5.741 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

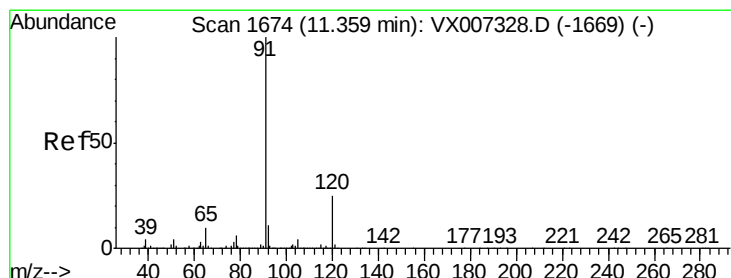
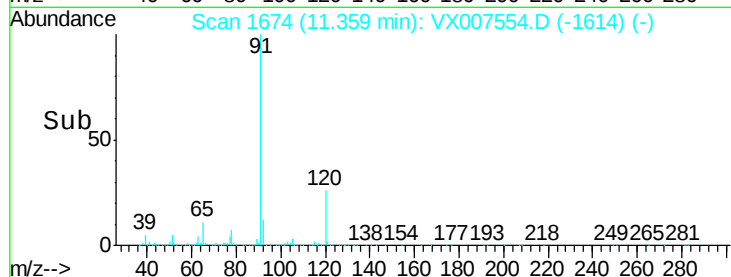
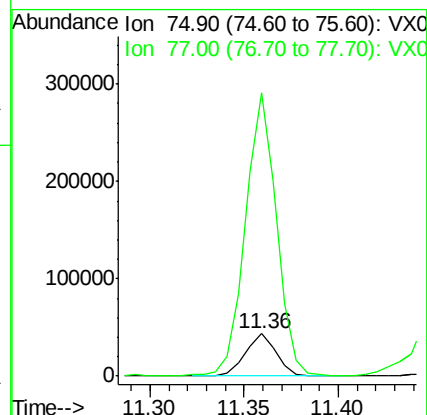
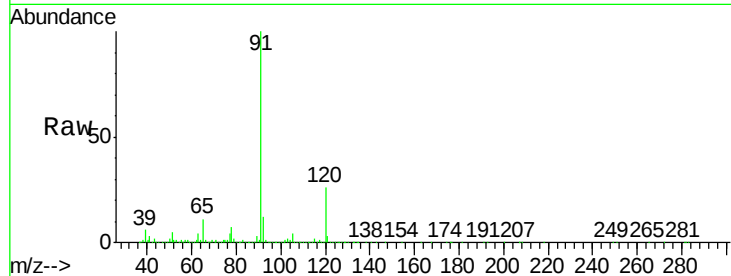
ClientSampleId :

Tot Ion: 75 Resp: 49515

Ion Ratio Lower Upper

75 100

77 664.1 23.0 69.0#



#78

n-propylbenzene

Concen: 240.721 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007554.D

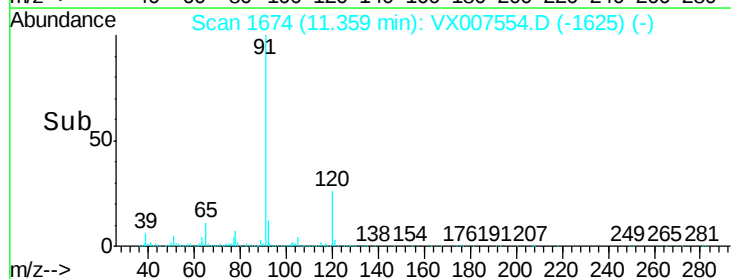
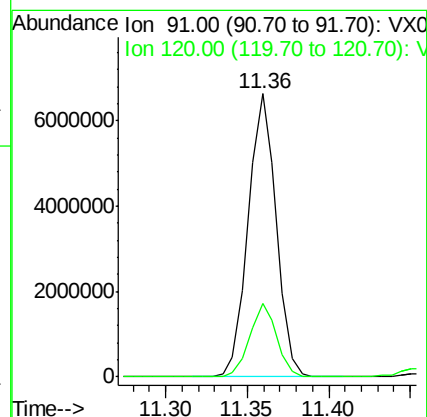
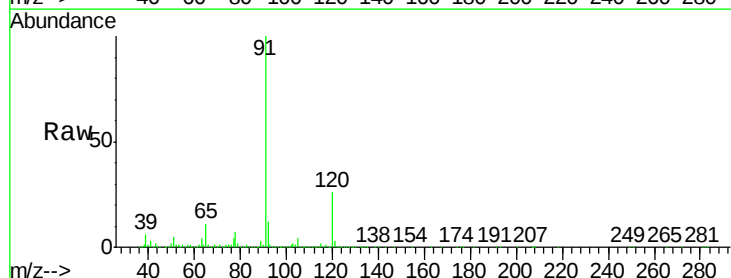
Acq: 14 Feb 2019 19:01

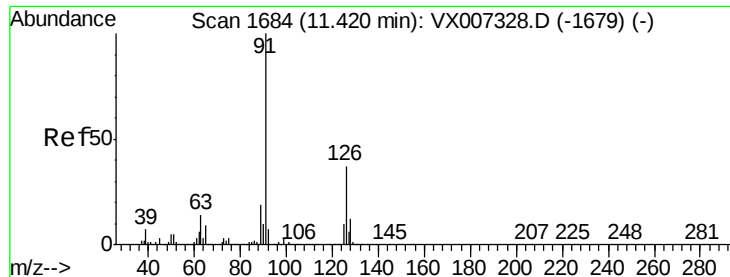
Tgt Ion: 91 Resp: 7954192

Ion Ratio Lower Upper

91 100

120 24.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 396.719 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

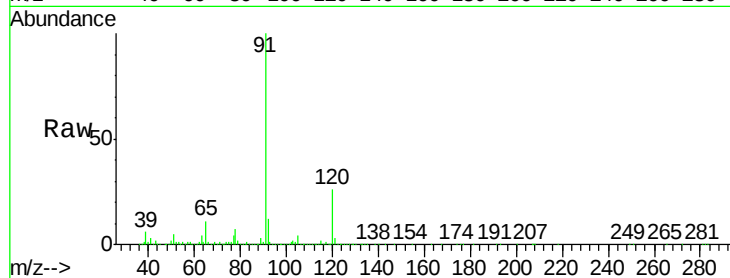
ClientSampleId :

Tot Ion: 91 Resp: 7954192

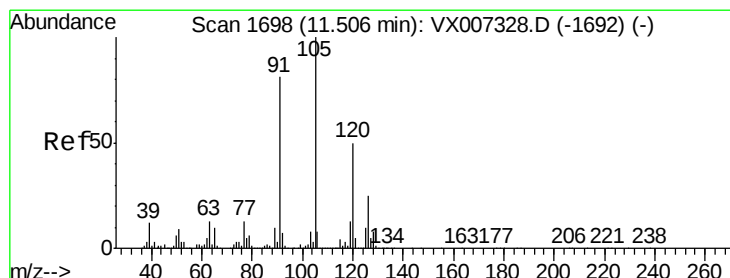
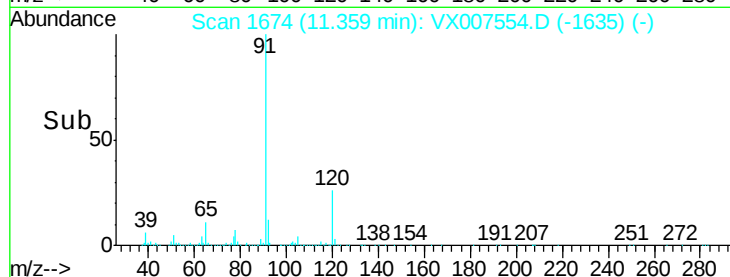
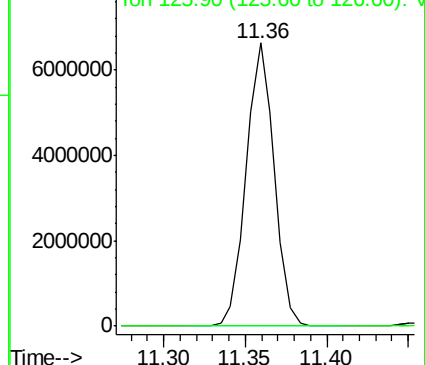
Ion Ratio Lower Upper

91 100

126 0.2 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 297.177 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007554.D

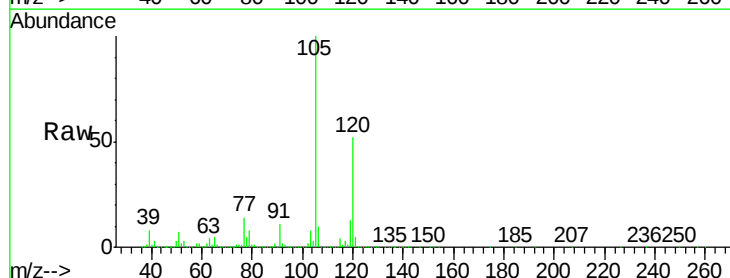
Acq: 14 Feb 2019 19:01

Tgt Ion:105 Resp: 7326241

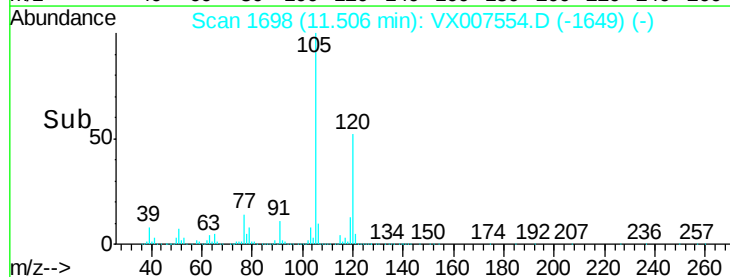
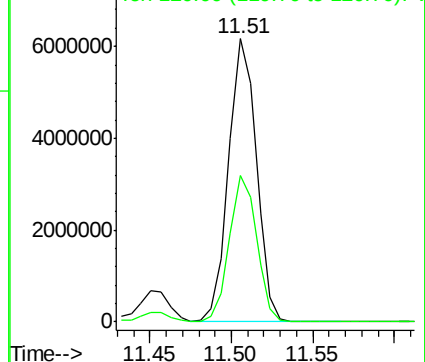
Ion Ratio Lower Upper

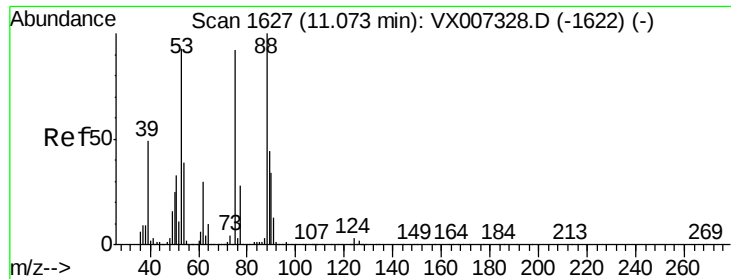
105 100

120 50.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 29.821 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

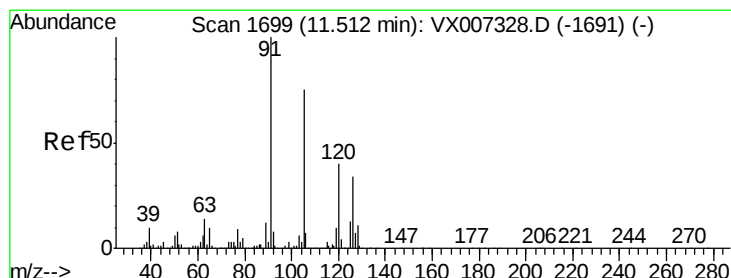
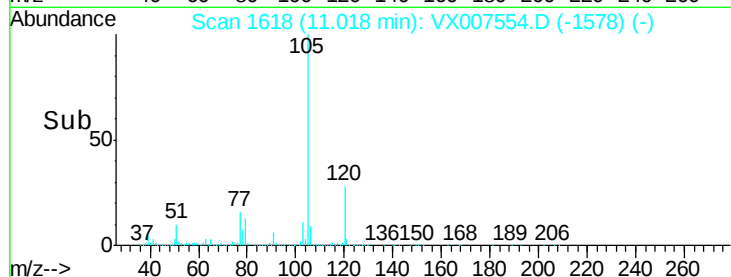
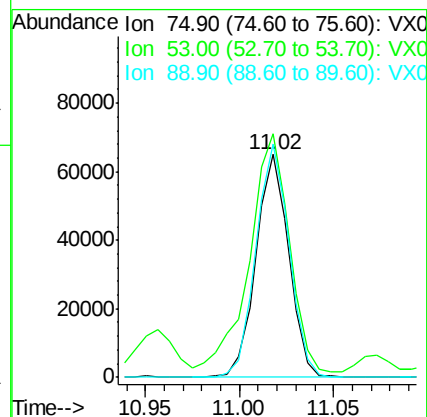
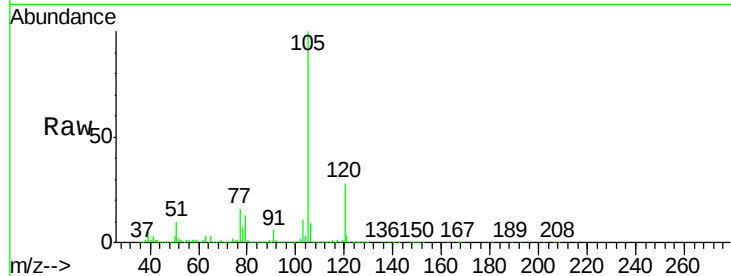
Tot Ion: 75 Resp: 78015

Ion Ratio Lower Upper

75 100

53 129.2 81.0 121.6#

89 106.4 41.4 62.0#



#82

4-Chlorotoluene

Concen: 34.892 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007554.D

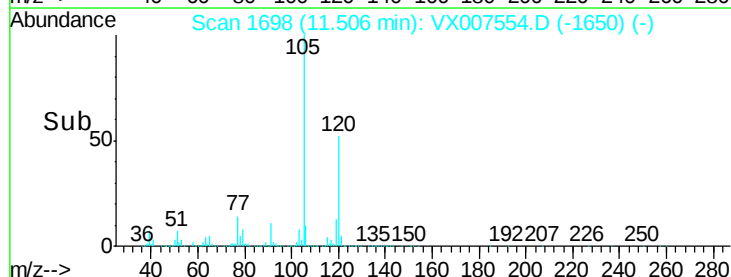
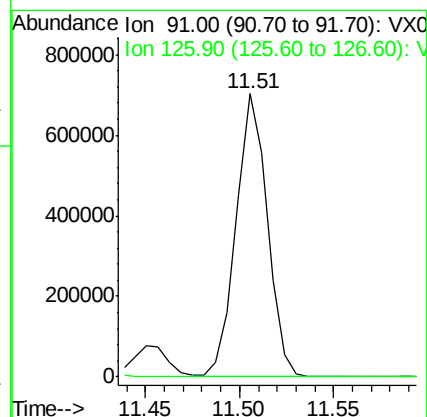
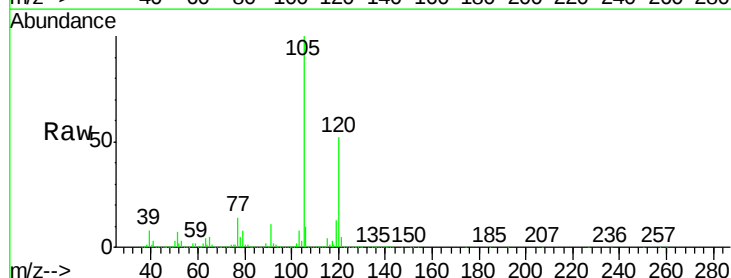
Acq: 14 Feb 2019 19:01

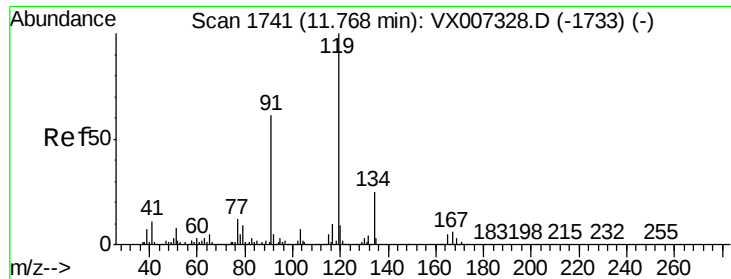
Tgt Ion: 91 Resp: 809482

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.5#





#83

tert-Butylbenzene

Concen: 2.015 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

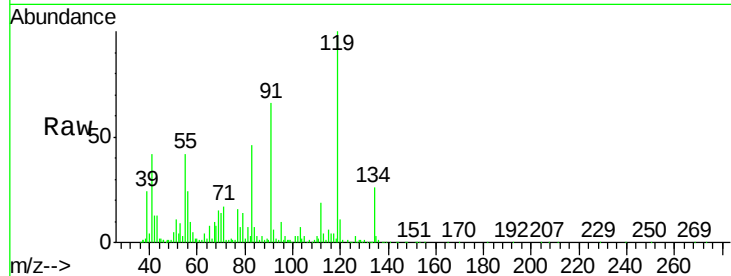
Tot Ion:119 Resp: 49191

Ion Ratio Lower Upper

119 100

91 65.3 28.5 85.6

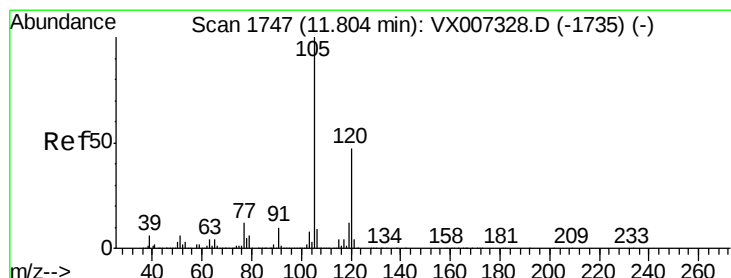
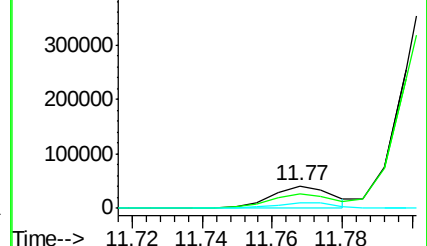
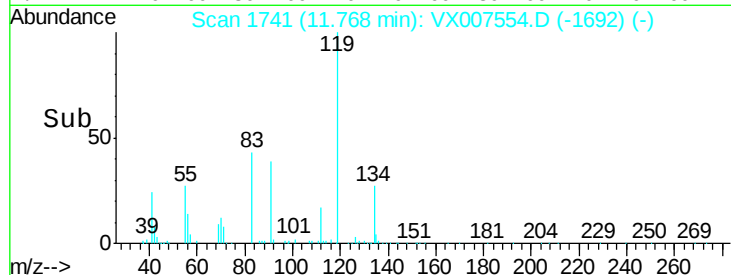
134 27.0 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 181.090 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007554.D

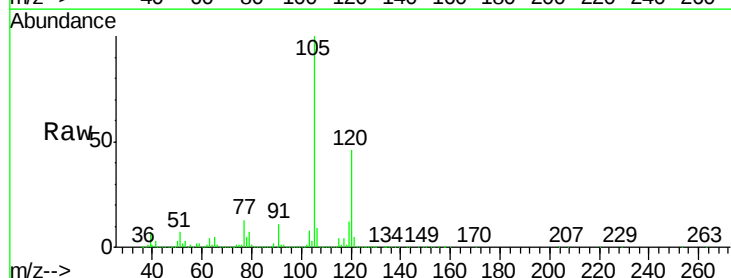
Acq: 14 Feb 2019 19:01

Tgt Ion:105 Resp: 4532399

Ion Ratio Lower Upper

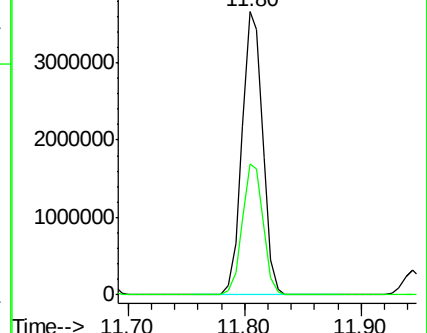
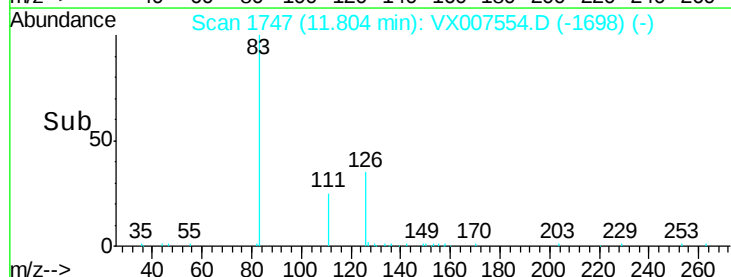
105 100

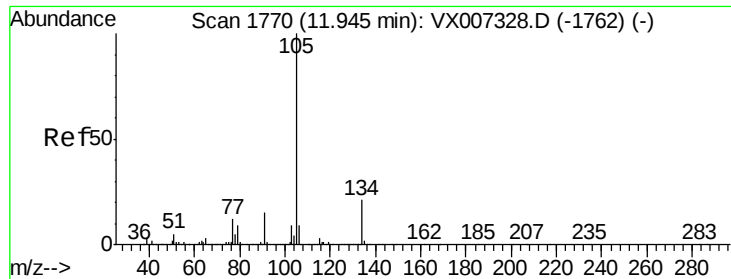
120 46.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

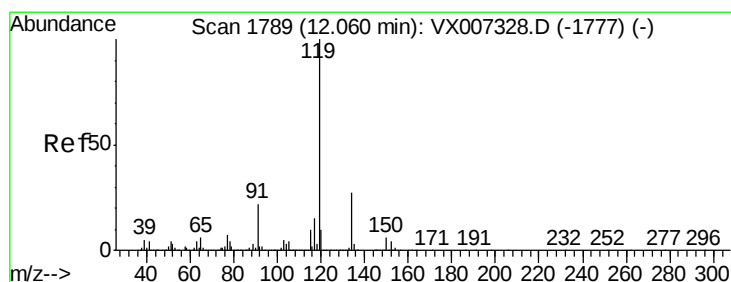
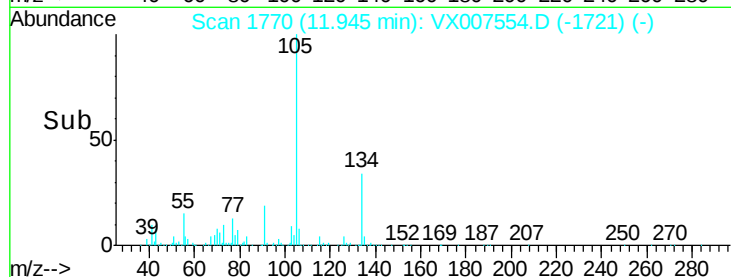
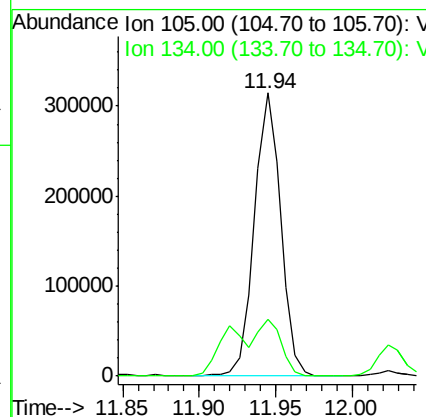
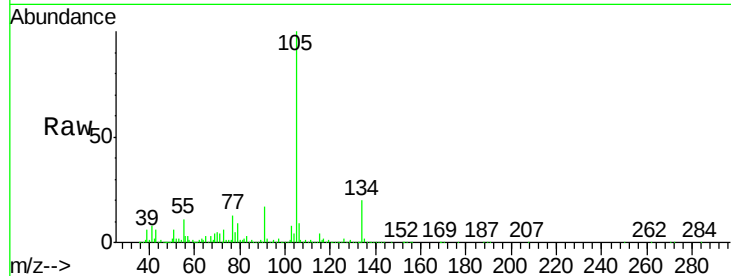




#85
 sec-Butylbenzene
 Concen: 12.706 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007554.D
 Acq: 14 Feb 2019 19:01

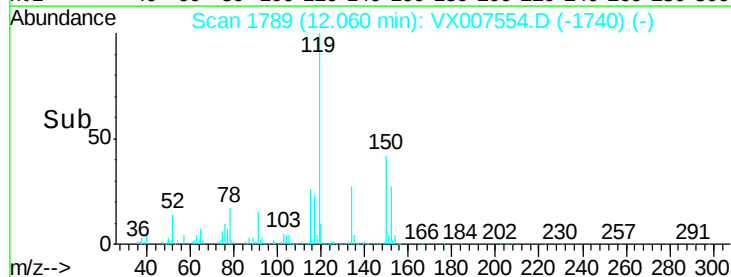
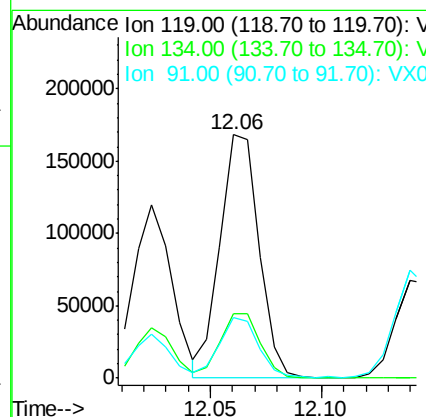
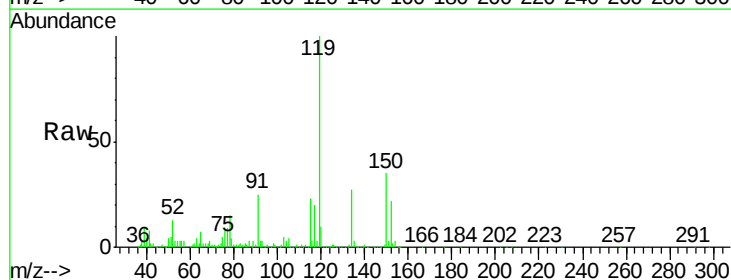
Instrument :
 MSVOA_X
 ClientSampleId :

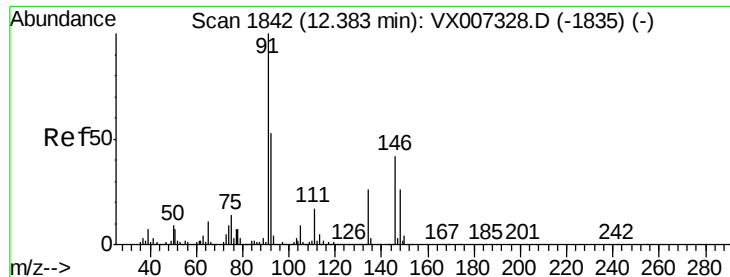
Tot Ion:105 Resp: 375359
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 7.677 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007554.D
 Acq: 14 Feb 2019 19:01

Tgt Ion:119 Resp: 204728
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.7 41.1
 91 24.4 11.2 33.5





#89

n-Butylbenzene

Concen: 31.205 ug/l

RT: 12.37 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VX007554.D

Acq: 14 Feb 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

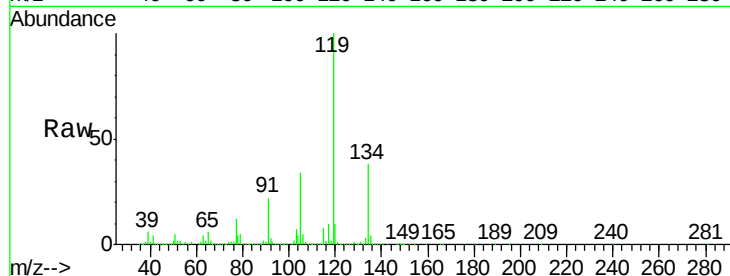
Tot Ion: 91 Resp: 715827

Ion Ratio Lower Upper

91 100

92 25.6 26.3 78.9#

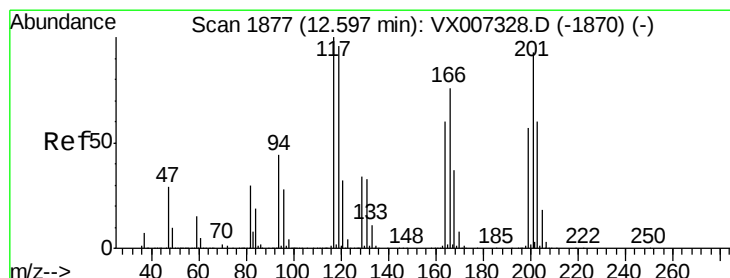
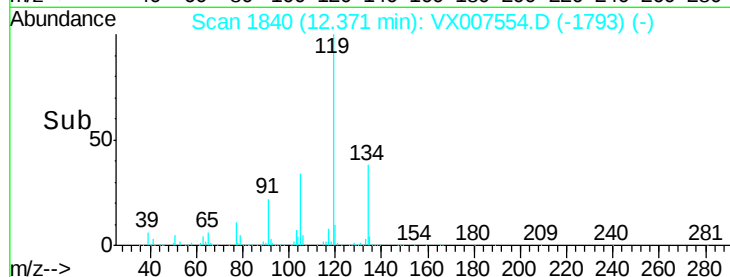
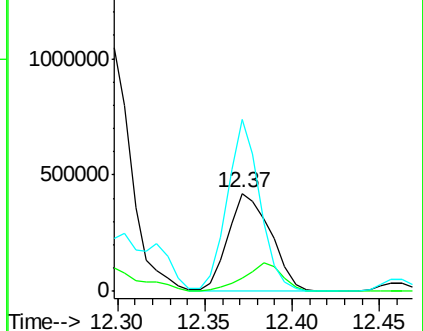
134 133.9 13.9 41.6#



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: 63.982 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX007554.D

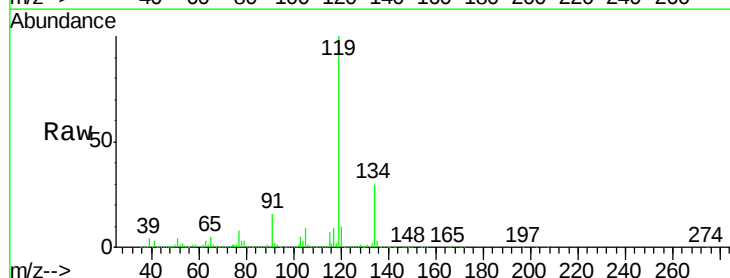
Acq: 14 Feb 2019 19:01

Tgt Ion: 117 Resp: 255353

Ion Ratio Lower Upper

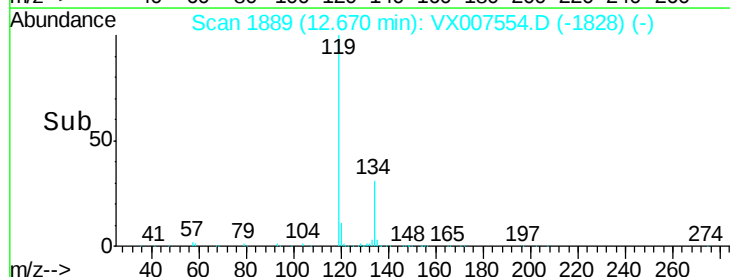
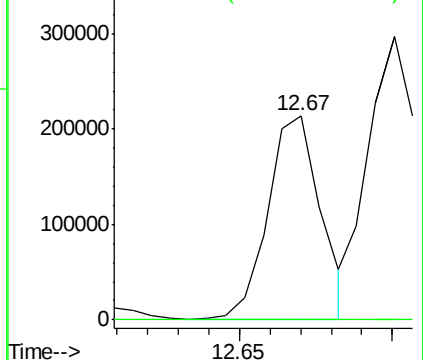
117 100

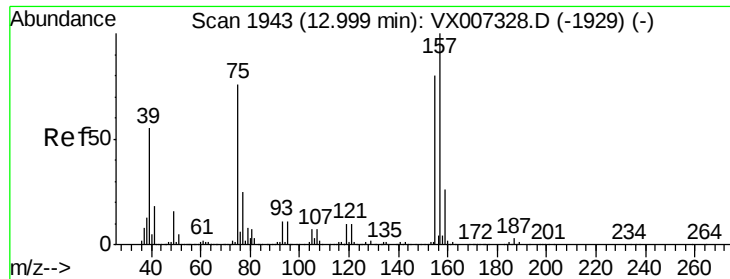
201 0.0 44.9 134.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

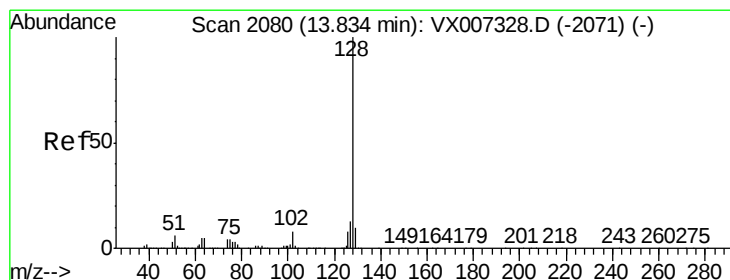
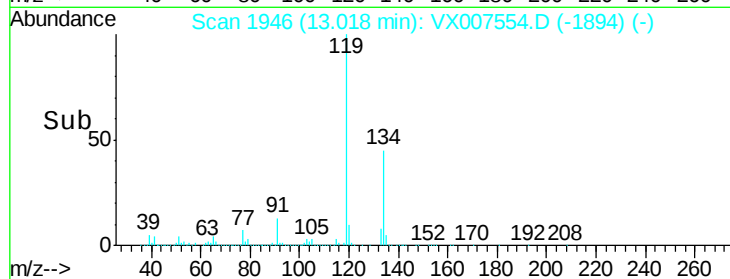
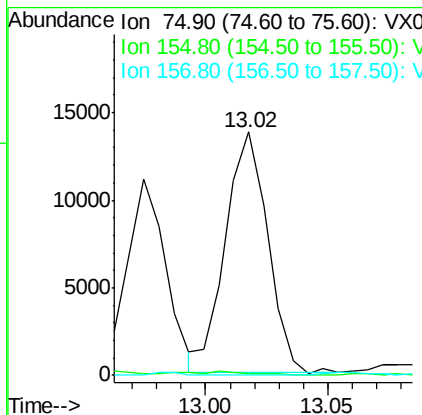
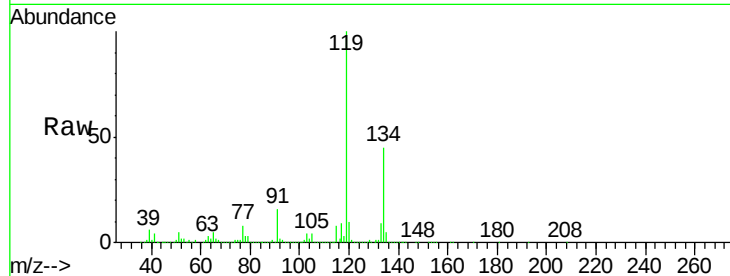




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.579 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX007554.D
 Acq: 14 Feb 2019 19:01

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 16381
 Ion Ratio Lower Upper
 75 100
 155 2.6 49.6 149.0#
 157 0.0 65.1 195.3#



#95
 Naphthalene
 Concen: 109.246 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX007554.D
 Acq: 14 Feb 2019 19:01

Tgt Ion: 128 Resp: 3267028
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.5 15.7
 129 11.2 8.7 13.1

